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## BRIEFING PAPER

# Higher Education Finance Statistics 

## By Paul Bolton

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## Summary

Real spending by UK universities increased consistently over the past two decades...


Spending by activity has been broadly stable...


Fees from home/EU undergraduates have largely replaced lost teaching grant...


The sector had a surplus of income over expenditure in all but one year; recent surpluses have been larger than average...


Teaching grants have fallen sharply as a \% of income since higher fees were introduced...


Fees from other overseas students have increased, but at a slower rate...


After many years of annual increases in increased income and expenditure, more staff and more students, the higher education sector in England (especially) faced a much less certain financial environment from 2012. There was on ongoing fall in income from the public sector, falling numbers of some types of students, particularly those studying part-
time, uncertainty about EU students, staff and funding and much less certainty in general about the future make-up and nature of the sector as a whole.

Many of the changes introduced in 2012 are now fully incorporated in into the sector, at least at the aggregate level. The recent Augar Review of post 18 education and funding made a large number of recommendations that would directly affect higher education institutions in England These include:

- a continued freeze on regulated fee income
- a shift in funding from fees to direct Government grants
- linking more funding to the cost and value of courses
- directly linking teaching funding to the number of disadvantaged students
- ending financial support for foundation years.

These changes mean that there is a great deal of attention on a range of higher education issues including: The public/private funding mix, the value of different courses, the amount and nature of direct control from central government, and the future size and role of the sector.

This note gives a short factual background on changes in income, expenditure and staffing since the sector took its present form in the mid-1990s. It also gives some information on variations between institutions. It includes data on all Higher Education Institutions in the UK.

The following Library notes give information on related topics:

- Changes to higher education funding and student support from 2012/13
- Higher education funding in England
- Higher education student numbers
- Entrants to higher education
- Tuition fee statistics
- HE in England from 2012: Funding and finance

Much of the pre-2017/18 information in this note is taken from the annual Higher Education Statistics Agency (HESA) publications Resources of higher education institutions and its replacement. HE Finance Plus Detailed free information for recent years can be found on the HESA website.

The most recent Patterns and Trends in UK Higher Education from Universities UK looks at 10 year trends in the sector and variations between institutions on a number of different indicators. The Office for Students publishes an annual financial assessment of the sector in England. The latest version is Financial sustainability of higher education providers in England.

## 1. Background -the HE sector post financial crisis and Browne

After 2012 the higher education sector was braced for a future where income did not always grow year-on-year, student numbers did not always increase, the balance of income streams was less predictable, and cuts might have to be made. This came after a few years of cuts in public funding after the financial crisis.

In England the 2009/10 funding settlement saw increases in unit funding and student numbers, but the latter were lower than originally planned and institutions were fined for over recruiting students at a time of record applications. According to the funding council its funding for financial year 2010-11 was originally cut by $£ 449$ million, or almost $6 \% .{ }^{1}$ A further $£ 200$ million and 10,000 additional places were cut by the Government in May 2010. ${ }^{2}$.
In 2010/11 34 of 130 higher education institutions in England received a cash cut in total recurrent grant compared to the adjusted 2009/10 total. ${ }^{3}$ This covered all recurrent teaching and research funding. The total was reduced by a further $£ 150$ million (2.4\%) following the settlement for financial year 2011-12. ${ }^{45}$ In Scotland two of 19 were due to have cash cuts in their funding council grant and all but one of the 12 institutions in Wales were due to have this funding cut in the same year. ${ }^{6}$

In 2011/12 total recurrent funding for institutions in England was cut by around $£ 250$ million, or $3.9 \%$. 122 of the 130 funded higher education institutions were expected to receive a cash cut in this funding. ${ }^{7}$ Total funding through the funding council in England in 2011/12 was provisionally reduced by $9.5 \%$ ( $£ 680$ million) compared to 2010/11. The largest cuts were in capital funding which was initially reduced by more

[^0]than half. ${ }^{89}$ Provisional funding levels for financial year 2011-12 were for cuts of $6.4 \%$ in Scotland (excluding capital) and $12.5 \%$ in Wales. ${ }^{10}$

## Public funding in England in 2012 and later

2012 was the first year when the latest major reforms of higher education funding were implemented in England. Some but not all of these changes were recommended in the Browne Report. ${ }^{11}$ For more details of the proposals see the note: Changes to higher education funding and student support from 2012/13. For more up-to-date information of the impact of these changes in total funding see HE in England from 2012: Funding and finance.
The responsibility for funding teaching in England was shifted further away from the public sector towards the individual (graduate). The changes affected funding for teaching. Total direct public funding for higher education teaching in England in financial year 2018-19 is expected to be $73 \%$ below 2010-11 levels in cash terms. ${ }^{12}$ Resource funding for research via the funding council in England remained broadly flat in cash terms up to 2015-16 and is expected to be increased in line with inflation up to 2019-20. Total capital funding was cut by $44 \%$ in 2011-12 and further ('indicative') cuts would have taken the overall reduction by 2013-14 to 70\% compared to 2010-11 levels. Additional capital funding was provided for 2012-13 to 2015-16 which meant that the cash value increased to 2015-16 when it was above the 2010-11 level in real terms. Capital funding was cut by more than $40 \%$ ( $£ 250$ million) up to 2017-18. ${ }^{13}$
The overall funding level for the sector in academic year 2012/13 was set by the funding council at $£ 5.3$ billion which was $£ 1.2$ billion ( $19 \%$ ) less than in 2011/12. Further cuts of $16 \%$ and $14 \%$ followed in 2013/14 and 2014/15 as the 2012 reforms applied to increasing numbers of the student population. This is driven by reductions in teaching grant which fell by smaller amounts in each of the next four years. Overall capital and other non-recurrent funding has not been directly affected by these reforms. 2018/19 funding for teaching will be $70 \%$ lower than in 2011/12 in cash terms ( $73 \%$ in real terms) despite the increase in student numbers supported by this funding.

Funding allocation are summarised in the following table.

[^1]SUMMARY OF HEFCE ALLOCATIONS FOR UNIVERSITIES AND COLLEGES
$£$ billion cash academic years
2009/10 2010/11 2011/12 2012/13 2013/14 2014/15 2015/16 2016/17 $2017 / 18$ 2018

| Recurrent grant | 4.71 | 4.72 | 4.32 | 3.23 | 2.33 | 1.58 | 1.38 | 1.36 | 1.32 | 1.29 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\quad$ Teaching | 1.58 | 1.60 | 1.56 | 1.56 | 1.56 | 1.56 | 1.56 | 1.58 | 1.60 | 1.67 |
| Research | 0.02 | 0.02 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Moderation | 0.13 | 0.15 | 0.15 | 0.15 | 0.15 | 0.16 | 0.16 | 0.16 | 0.16 | 0.21 |
| Higher Education Innovation Fund | $\mathbf{6 . 4 5}$ | $\mathbf{6 . 4 9}$ | $\mathbf{6 . 0 5}$ | $\mathbf{4 . 9 4}$ | $\mathbf{4 . 0 4}$ | $\mathbf{3 . 3 0}$ | $\mathbf{3 . 1 0}$ | $\mathbf{3 . 1 0}$ | $\mathbf{3 . 0 8}$ | $\mathbf{3 . 1 7}$ |
| Total |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Non-recurrent funding | 0.56 | 0.53 | 0.30 | 0.27 | 0.30 | 0.44 | 0.60 | 0.50 | 0.35 | 0.35 |
| Capital | 0.32 | 0.33 | 0.21 | 0.13 | 0.15 | 0.14 | 0.12 | 0.10 | 0.09 | 0.05 |
| Other |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Total | $\mathbf{7 . 3 3}$ | $\mathbf{7 . 3 6}$ | $\mathbf{6 . 5 6}$ | $\mathbf{5 . 3 3}$ | $\mathbf{4 . 4 9}$ | $\mathbf{3 . 8 8}$ | $\mathbf{3 . 8 2}$ | $\mathbf{3 . 6 9}$ | $\mathbf{3 . 5 2}$ | $\mathbf{3 . 5 7}$ |

Note: Allocations are the latest published by HEFCE in either revised allocations for individual institutions or referred to in comparisons with subsequent years (non-recurrent
(a) Sum of funding from the Office for Students and Research England

Sources: HEFCE circular 04/201,3 Funding for universities and colleges for 2012-13: and 2013-14 Board decisions, and earlier editions Changes to recurrent grant for the academic years 2012-13 and 2013-14, HEFCE Funding for universities and colleges for 2017-18: Board decisions, HEFCE (and earlier editions) Funding for higher education institutions for 2018-19, Research England Recurrent and formula capital funding for 2018-19, Office for Students

Historical funding allocations for individual institutions can be found on the HEFCE website at: http://www.hefce.ac.uk/funding/annallocns/. From 2018-19 teaching allocations are made by the Office for Students and research funding by Research England

\begin{tabular}{|c|c|c|}
\hline \multicolumn{3}{|l|}{SNAPSHOT OF THE UK HIGHER EDUCATION SECTOR IN...} <br>
\hline \& 1994/95 \& 2017/18 <br>
\hline Institutions \& 184 \& 165 <br>
\hline \multicolumn{3}{|l|}{Income} <br>
\hline Total income of which: Funding body grants Tuition fees and contracts \& $£ 10.0$ billion
$44 \%$
$23 \%$ \& $£ 38.2$ billion

$13 \%$
$49 \%$ <br>
\hline Average income \& £55 million \& £231 million <br>
\hline Income of the largest institution \& £0.26 billion \& £1.96 billion <br>
\hline \multicolumn{3}{|l|}{Expenditure} <br>
\hline Total expenditure \& £9.8 billion \& £37.2 billion <br>
\hline Staff costs \% academic \& $£ 5.3$ billion 58\% \& £20.1 billion 54\% <br>
\hline \multicolumn{3}{|l|}{Staff} <br>
\hline \multicolumn{3}{|l|}{Academic staff} <br>
\hline Full-time \& 102,700 \& 140,725 <br>
\hline Part-time \& 12,000 \& 71,250 <br>
\hline \% female \& 30\% \& 46\% <br>
\hline \multicolumn{3}{|l|}{All staff} <br>
\hline Full-time equivalent \& - \& 362,045 <br>
\hline \% non-academic \& - \& 52\% <br>
\hline average \& - \& 2,195 <br>
\hline at the largest institution \& - \& 12,600 <br>
\hline \multicolumn{3}{|l|}{Students} <br>
\hline Full-time equivalents \& 1.28 million (1995/96) \& 1.97 million <br>

\hline Full-time undergraduates average at the largest institution \& $$
\begin{array}{r}
0.97 \text { million } \\
5,300 \\
17,900
\end{array}
$$ \& \[

$$
\begin{array}{r}
1.51 \text { million } \\
9,000 \\
27,300
\end{array}
$$
\] <br>

\hline
\end{tabular}

Sources: HESA data and analysis, and equivalent earlier publications

## 2. Trends in income and expenditure

The higher education sector-definitions
For the purposes of this note the higher education sector in the UK covers all Higher Education Institutions (HEls) included in HESA publications. This includes small highly specialised institutions, the Open University and more recently, the University of Buckingham which is not state funded. It includes further education delivered by HEls and excludes higher education delivered by further education institutions.

Over the years covered here some institutions have transferred into the HE sector so some of the growth shown here is not 'organic' but due to changes in definitions or the status of some courses.

The HEl financial year runs from 1 August to 31 July. 2015/16 financial data is due to be published in March 2017

In 2017/18 HEls across the UK had a total income of $£ 38.2$ billion and a total expenditure of $£ 37.2$ billion. This was just over half the level of public spending on schools. ${ }^{14}$ Total income and expenditure are now more than four times their 1993/94 levels in cash terms. ${ }^{15}$. The chart opposite shows that income and expenditure have generally been very close, but income has increased at a faster rate in most recent years. Total income in 2017/18 varied
 200 -fold by institution from around $£ 6$ million at the smallest to $£ 2.2$ billion at the largest (Oxford).

[^2]
## Growth in expenditure in real terms

The earlier data on growth in income and expenditure clearly does not take inflation into account. They are therefore not accurate measures of real growth. In the past it has been possible to adjust for inflation within the HE sector using Universities UK's Higher Education Pay and Prices Index. This is no longer published, so the chart opposite is adjusted for the level of inflation across the economy as a whole. This is a less accurate measure of real
 growth in the sector, but an improvement on the cash figures.
The underlying data is also included in Table 1 at the end of this note. Expenditure in 2017/18 was more than 2.5 times the 1993/94 level in real terms. ${ }^{16}$ Expenditure fell in real terms in 1996/97, 2010/11 and 2011/12. The recent slowdown in expenditure growth was reversed in 2017/18 when it increased by $5.4 \%$ in real terms; the second largest increase in the last decade.

These figures give an indication of the growth of the sector, rather than how generous one particular income stream is. The definitions set out at the start of this section explain that some of this growth will be 'transfers in' rather than underlying growth in existing institutions. Expenditure here is used as a proxy for the (financial) size of the sector. Total spending is clearly constrained by income.

The increase in total expenditure for the whole period was greater than the increase in full-time equivalent student numbers. In the mid- to late-1990s real spending increased at a slower rate, but this pattern was reversed over the following decade. The gap closed somewhat over the three years to 2011/12 as student numbers continued to grow, while spending was broadly flat. Since then expenditure has increased in real terms, but student numbers fell for three years and are still below 2010/11 levels. ${ }^{17}{ }^{18}$ The costs associated with students can vary greatly by level and subject. This note does not look at all these factors.

[^3]
## Financial status

Overall the sector has been in deficit in only one year and in the majority of years income has been $1 \%$ or more above expenditure. The $2.7 \%$ surplus in 2017/18 was the second lowest in the past nine years. The seven largest surpluses occurred between 2009/10 and 2016/17.

There was much variation across individual institutions and even with an aggregate surplus of $2.7 \%$ there were still 47 of 165 institutions in deficit in 2017/18. This was higher than at any time in the past decade. The distribution is illustrated opposite. One clear pattern is the large drop off between those in surplus by a few percentage points and those in deficit by more than $1 \%$. While most institutions were in the $-1 \%$ to $+8 \%$ range a small number had much larger surpluses/deficits.

62 institutions (38\%) had a deficit ${ }^{19}$ in one or more of the previous five years. Within this group 18 had a deficit in two of the five years, 14 in three of the previous five years


UK HEIS BY 2017/18 FINANCIAL POSITION


10\%+ 10\% 5\% 4\% 3\% 2\% 1\% 0\% 1\% 2\% 3\% 4\% 5\% 6\% 7\% 8\% 9\% 10\% 15\% 15\%+ and five in four of these years. ${ }^{20}$

The financial assets of HEls are dominated by fixed assets -mainly property. At the end of 2017/18 endowment assets across the sector totalled $£ 6.6$ billion. $46 \%$ of this was owned by Oxford and Cambridge. Total income from endowments and investments was $£ 835$ million in 2017/18. ${ }^{21}$

The latest report on the financial health of the sector from the English funding council found that the overall financial position health of the sector is 'reasonable'. There was, however, considerable variation between providers. Their forecasts are generally for a weakening of financial performance over the coming year, with some improvement in following years. This improvement is in part due to some 'ambitious' assumptions about growth in student numbers.

The funding council said that the sector faces a number of uncertainties including the UK's future relationship with the EU and possible changes to higher education policy and funding following the review of post-18 education. Universities face cost pressures, particularly from pension

[^4]scheme valuations and the number of 18 year olds in the UK will continue to fall in the short-term.

### 2.1 Broad types of income

Table 2 at the end of this note gives a breakdown of income by broad category. This is illustrated opposite. There were only very gradual changes in the make-up of the sector's income in the decade from the mid-1990s. Since then there has been a clear shift in funding from funding body grants to fees. Funding body grants ${ }^{22}$ have gradually made up a smaller share of
 income over time; down from over 40\% in the mid-1990s to $13 \%$ in 2017/18. ${ }^{23}$ The share of income from tuition fees and education contracts was in the $23-24 \%$ range up to 2005/06. The introduction of variable fees in England and Northern Ireland in 2006/07 and Wales in 2007/08 was largely responsible for the increase to almost $33 \%$ in 2010/11; the largest single source of income for the first time. Higher fees for new entrants in England helped push this to almost 50\% from 2016/17. ${ }^{24}$ Income from research grants and contracts has remained around $16-18 \%$ for the last decade. ${ }^{25}$

### 2.2 Specific income streams

This section looks at a handful of the sub-categories that the broad income types can be broken down into. Again these are based on the share of income received by the sector overall and are set out in full in Table 2.

[^5]Funding body recurrent grants for teaching -this fell in importance from $29 \%$ of total income in the late 1990s to below $20 \%$ in 2011/12 and to $5 \%$ in 2017/18. Research grants from the funding councils have remained more stable, but have gradually fallen from more than $8 \%$ of income in 1998/99 to below 6\% from 2014/15 as other recurrent and capital funding sources have increased in importance over time.


Research income from funding and research councils -is one of the higher profile elements. It has remained in the 12-14\% range for the entire period.


Tuition fees for home and EU full-time undergraduates income from this source fell in importance to below $8 \%$ in 2005/06 before increasing dramatically (with higher tuition fees) in next 11 years to a peak of $28 \%$ in 2016/17. There was no net effect on this series of the introduction of regulated fees in 1998/99.


Tuition fees from non-EU students -income from these students has received much attention in recent years as a potential way for HEls to avoid public sector funding cuts. It increased in importance consistently over this period and reached $14 \%$ in 2017/18.


Income from residences and catering has also been seen as an income generating stream in recent times. Over the years covered here it has become a less important source of income, down from $7 \%$ in the late 1990s to below 6\% from 2006/07 onwards. The simple margin on residence and catering (income less expenditure) was $18 \%$ across all HEls in 2012/13, or $£ 260$ million.

### 2.3 Expenditure breakdown

The makeup of expenditure by broad category has changed very little since the mid-1990s. The two main categories are staff costs and 'other operating expenditure' which have been $54-58 \%$ and $35-38 \%$
respectively for the whole period. While staff costs increased by more than $£ 1$ billion in 2017/18 to a total of just over $£ 20$ billion, other spending areas increased at a faster rate and the share of staff costs fell to a new low. Depreciation and 'interest and other finance costs' have made up the remaining 6-8\%.
All these values are given in the appended Table 3. Also included is a breakdown by activity which shows a little more variation (opposite). Across the whole period the share of spending on academic departments fell from $43 \%$ to $37 \%$. Spending on administration
 and central services ${ }^{26}$ increased from $12 \%$ to $16 \%$ of the total to become the second largest 'activity' but still below half the total spent on academic departments. This breakdown is in effect at a departmental level, so for instance, some of the spending within the academic departments total will be on non-academic staff costs and some academic staff costs fall outside of the academic department total. The next section looks at staff costs in more detail.

[^6]
## 3. Staff

For the years to 2002/03 HESA published data on the number of academic staff, ${ }^{27}$ but not others employed by HEls. In 2003/04 HESA introduced a new data collection method and since then has published data about all staff. This change also introduced a break in the series on academic staff numbers. Information about trends is therefore limited. This section also looks at staff cost data which is consistent back to the mid 1990s and breaks down the total by different types of staff.

The Higher Education Funding Council for England's latest report on staff numbers looks at trends in academic and non-academic staff at HEls in England since the mid-1990s. ${ }^{28}$

### 3.1 Staff numbers

## Academic staff

Between 1994/95 and 2002/03 the number of full-time academic staff at UK HEls increased by $18 \%$ and the number of part time staff by almost $120 \%$. The total headcount increased by $28 \%$ and there were above average increases in the number of academics working in research only (not teaching) and in the number of professors, and (non senior) researchers. However, full-timers and academics involved in teaching at least part of the time were still in the majority in 2002/03. More detail is given in Table 4 at the end of this note. The headcount number can obscure some trends in the balance between full- and part-time staff, but it was all that was published at the time. The increase in academic staff headcount over this period was slightly higher than the increase in full-time equivalent student numbers, ${ }^{29}$ but much of the growth in staff numbers was in part-timers.

Since 2003/04 many of these trends have continued with above average increases in part-time staff, staff who teach but carry out no research and in the number of professors, senior lecturers and researchers. In 2017/18 there were 172,600 full-time equivalent academic professionals employed by UK HEls. This was $48 \%$ of the full-time equivalent of all staff employed. The increase in full-time equivalent academic staff ${ }^{30}$ since 2003/04 has been faster than the growth in student numbers. ${ }^{31}$

2010/11 saw a fall in the total headcount of academic staff for the first time since the sector was reorganised in the early 1990s. The falls in part-time staff and those teaching, but not carrying out research, were greater than the increases in other types of academic staff. Numbers

[^7]increased slightly in 2011/12 due to continued growth in part-time staff. There have been larger increases in staff numbers in the following years, although the method for defining academic contracts has changed.

## All staff types

In 2017/18 there were around 290,000 full-time and 140,000 part-time staff and a further 69,000 academic staff employed by HEls on atypical contracts ${ }^{32}$, their total full-time equivalent numbers were $362,000 .{ }^{33}$

### 3.2 Staff costs

Staff costs are broken down by academic/non-academic status and by activity (academic departments, administration etc.). The underlying figures are included in Table 5 at the end of this note. Some of the key findings are:

- $\quad$ Since $1994 / 95$ the cost of employing non-academic staff increased by more than the cost of academic staff.
- Total staffing costs of 'administration and central services' and 'academic services'34 saw the largest increases, 'academic departments' saw the smallest increase
- There was a gradual increase in the share of academic staff costs going on 'academic services'and 'research grants and contracts' ${ }^{35}$ and a fall ( $79 \%$ to $77 \%$ between 1995/96 and 2017/18) within academic departments.

Overall academic staff costs made up 54\% of all staff costs in 2017/18 and counted for $29 \%$ of all HEI expenditure.

Information on the pay of university vice-chancellors and some limited figures on other staff pay can be found in the briefing paper: Update on vice-chancellors' pay in higher education institutions in England

[^8]
## 4. Reference tables

## Table 1

| INCOME AND EXPENDITURE OF UK HEIS Academic years |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | £ billion cash |  |  | \% surplus | Expenditure in 2017/18 prices ${ }^{\text {a }}$ |
|  | Income | Expenditure | Surplus |  | ( $£$ billion) |
| 1993/94 | 9.4 | 9.1 | 0.3 | 2.9\% | 14.4 |
| 1994/95 | 10.0 | 9.8 | 0.2 | 2.4\% | 15.3 |
| 1995/96 | 10.7 | 10.6 | 0.1 | 1.0\% | 16.1 |
| 1996/97 | 11.0 | 10.9 | 0.2 | 1.4\% | 15.9 |
| 1997/98 | 11.6 | 11.3 | 0.3 | 2.4\% | 16.5 |
| 1998/99 | 12.1 | 11.9 | 0.2 | 1.4\% | 17.1 |
| 1999/00 | 12.8 | 12.7 | 0.1 | 0.5\% | 18.2 |
| 2000/01 | 13.5 | 13.5 | 0.0 | -0.3\% | 18.9 |
| 2001/02 | 14.5 | 14.4 | 0.1 | 0.4\% | 20.0 |
| 2002/03 | 15.7 | 15.5 | 0.2 | 1.4\% | 20.9 |
| 2003/04 | 16.9 | 16.6 | 0.2 | 1.4\% | 22.0 |
| 2004/05 | 18.1 | 18.0 | 0.2 | 0.9\% | 23.2 |
| 2005/06 | 19.5 | 19.3 | 0.2 | 1.0\% | 24.2 |
| 2006/07 | 21.3 | 21.0 | 0.2 | 1.1\% | 25.6 |
| 2007/08 | 23.4 | 22.9 | 0.6 | 2.4\% | 27.2 |
| 2008/09 | 25.4 | 24.9 | 0.4 | 1.7\% | 28.9 |
| 2009/10 | 26.8 | 25.8 | 1.0 | 3.6\% | 29.5 |
| 2010/11 | 27.5 | 26.2 | 1.3 | 4.8\% | 29.4 |
| 2011/12 | 27.9 | 26.7 | 1.2 | 4.4\% | 29.5 |
| 2012/13 | 29.2 | 28.0 | 1.2 | 4.2\% | 30.3 |
| 2013/14 | 30.7 | 29.4 | 1.3 | 4.4\% | 31.3 |
| 2014/15 | 33.5 | 32.7 | 0.8 | 2.5\% | 34.4 |
| 2015/16 | 34.7 | 33.1 | 1.7 | 4.9\% | 34.5 |
| 2016/17 | 35.8 | 34.6 | 1.2 | 3.3\% | 35.3 |
| 2017/18 | 38.2 | 37.2 | 1.0 | 2.7\% | 37.2 |

[^9]Table 2

| INCOME OF UK HEIS |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | By broad category |  |  |  |  |  |  | Specific income streams |  |  |  |  |  |
|  | Funding body grants | Tuition fees and education contracts | Research grants and contracts | Endowment <br> Other \& investment income income |  | Recurrent funding body grants |  | Academic fees |  | Research grants |  |  | Residences and catering |
|  |  |  |  |  |  | Teaching | Research | Full-time home/ EU undergrad. ${ }^{\text {a }}$ | Non-EU students | Research Councils | UK based charities | Other public sector |  |
| £ billion cash |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1993/94 | 3.5 | 2.8 | 1.4 | 1.6 | 0.2 | .. | .. | .. | .. | .. | .. | .. | .. |
| 1994/95 | 4.4 | 2.3 | 1.4 | 1.7 | 0.2 | . | . | 1.2 | 0.5 | 0.5 | 0.3 | 0.2 | 0.7 |
| 1995/96 | 4.5 | 2.5 | 1.6 | 1.9 | 0.3 | 2.9 | 0.8 | 1.2 | 0.5 | 0.5 | 0.3 | 0.3 | 0.7 |
| 1996/97 | 4.4 | 2.7 | 1.6 | 2.1 | 0.3 | 3.0 | 0.8 | 1.2 | 0.6 | 0.5 | 0.4 | 0.3 | 0.8 |
| 1997/98 | 4.5 | 2.8 | 1.7 | 2.2 | 0.3 | 3.1 | 0.9 | 1.3 | 0.6 | 0.5 | 0.4 | 0.3 | 0.8 |
| 1998/99 | 4.9 | 2.7 | 1.8 | 2.3 | 0.3 | 3.5 | 1.0 | 1.1 | 0.6 | 0.6 | 0.4 | 0.3 | 0.9 |
| 1999/00 | 5.1 | 2.9 | 2.0 | 2.5 | 0.3 | 3.7 | 1.0 | 1.2 | 0.7 | 0.6 | 0.5 | 0.3 | 0.9 |
| 2000/01 | 5.3 | 3.1 | 2.2 | 2.6 | 0.3 | 3.8 | 1.1 | 1.2 | 0.7 | 0.7 | 0.6 | 0.4 | 0.9 |
| 2001/02 | 5.7 | 3.3 | 2.4 | 2.8 | 0.3 | 4.0 | 1.1 | 1.2 | 0.9 | 0.8 | 0.6 | 0.4 | 1.0 |
| 2002/03 | 6.0 | 3.7 | 2.6 | 3.1 | 0.2 | 4.2 | 1.2 | 1.3 | 1.1 | 0.8 | 0.7 | 0.5 | 1.0 |
| 2003/04 | 6.5 | 4.1 | 2.7 | 3.3 | 0.2 | 4.4 | 1.3 | 1.4 | 1.3 | 0.8 | 0.7 | 0.5 | 1.0 |
| 2004/05 | 7.0 | 4.4 | 2.9 | 3.6 | 0.3 | 4.8 | 1.4 | 1.4 | 1.4 | 0.9 | 0.7 | 0.6 | 1.1 |
| 2005/06 | 7.5 | 4.6 | 3.1 | 3.9 | 0.3 | 5.0 | 1.5 | 1.5 | 1.5 | 1.1 | 0.7 | 0.6 | 1.2 |
| 2006/07 | 8.0 | 5.4 | 3.4 | 4.1 | 0.4 | 5.4 | 1.7 | 2.3 | 1.7 | 1.2 | 0.8 | 0.6 | 1.2 |
| 2007/08 | 8.5 | 6.3 | 3.7 | 4.4 | 0.5 | 5.6 | 1.8 | 2.8 | 1.9 | 1.4 | 0.8 | 0.6 | 1.3 |
| 2008/09 | 8.8 | 7.3 | 4.1 | 4.7 | 0.4 | 5.8 | 1.8 | 3.4 | 2.2 | 1.5 | 0.9 | 0.7 | 1.3 |
| 2009/10 | 8.3 | 9.7 | 4.5 | 5.2 | 0.3 | 5.8 | 2.0 | 3.8 | 2.6 | 1.6 | 0.9 | 0.8 | 1.5 |
| 2010/11 | 8.9 | 9.0 | 4.4 | 5.0 | 0.2 | 5.7 | 2.0 | 4.0 | 2.9 | 1.6 | 0.9 | 0.8 | 1.6 |
| 2011/12 | 8.3 | 9.7 | 4.5 | 5.2 | 0.3 | 5.4 | 1.9 | 4.3 | 3.2 | 1.5 | 0.9 | 0.8 | 1.7 |
| 2012/13 | 7.1 | 11.7 | 4.8 | 5.4 | 0.3 | 4.2 | 1.9 | 5.8 | 3.5 | 1.5 | 1.0 | 0.8 | 1.7 |
| 2013/14 | 6.1 | 13.7 | 5.1 | 5.6 | 0.3 | 3.2 | 2.0 | 7.3 | 3.9 | 1.7 | 1.0 | 0.9 | 1.8 |
| 2014/15 | 5.3 | 15.5 | 6.0 | 5.9 | 0.8 | 2.4 | 2.0 | 8.7 | 4.2 | 1.8 | 1.0 | 1.0 | .. |
| 2015/16 | 5.2 | 16.8 | 5.9 | 6.0 | 0.8 | 2.1 | 2.0 | 9.5 | 4.5 | 2.0 | 1.1 | 1.0 | . |
| 2016/17 | 5.1 | 17.7 | 5.9 | 6.1 | 0.8 | 2.1 | 2.0 | 10.1 | 4.7 | 1.9 | 1.2 | 1.0 | . |
| 2017/18 | 5.1 | 18.9 | 6.2 | 7.2 | 0.8 | 2.0 | 2.0 | 10.5 | 5.2 | 2.0 | 1.2 | 1.1 | . |
| \% of total |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1993/94 | 37.0 | 29.6 | 14.4 | 16.8 | 2.2 | .. | . | .. | .. | .. | . | .. | .. |
| 1994/95 | 43.7 | 22.6 | 14.3 | 17.0 | 2.4 | . | .. | 12.1 | 4.5 | 4.9 | 3.1 | 2.4 | 6.6 |
| 1995/96 | 41.6 | 23.4 | 14.5 | 18.0 | 2.5 | 27.2 | 7.5 | 11.4 | 4.7 | 5.0 | 3.2 | 2.5 | 6.7 |
| 1996/97 | 39.6 | 24.3 | 14.6 | 19.1 | 2.4 | 26.7 | 7.4 | 11.2 | 5.1 | 4.8 | 3.3 | 2.7 | 7.0 |
| 1997/98 | 38.8 | 24.4 | 14.9 | 19.3 | 2.6 | 26.6 | 7.6 | 10.8 | 5.4 | 4.6 | 3.4 | 2.6 | 7.1 |
| 1998/99 | 40.7 | 22.5 | 15.2 | 19.2 | 2.4 | 29.0 | 8.4 | 9.4 | 5.3 | 4.6 | 3.6 | 2.6 | 7.0 |
| 1999/00 | 40.3 | 22.5 | 15.4 | 19.5 | 2.3 | 28.9 | 8.2 | 9.1 | 5.3 | 4.7 | 3.8 | 2.6 | 7.0 |
| 2000/01 | 39.6 | 22.6 | 16.4 | 19.3 | 2.1 | 28.2 | 7.9 | 8.9 | 5.5 | 5.1 | 4.1 | 2.8 | 6.9 |
| 2001/02 | 39.3 | 23.0 | 16.8 | 19.1 | 1.8 | 27.7 | 7.5 | 8.6 | 6.0 | 5.6 | 4.2 | 2.9 | 6.7 |
| 2002/03 | 38.6 | 23.9 | 16.6 | 19.5 | 1.5 | 26.6 | 7.5 | 8.3 | 6.9 | 5.2 | 4.2 | 2.9 | 6.3 |
| 2003/04 | 38.6 | 24.2 | 16.1 | 19.7 | 1.4 | 26.0 | 7.7 | 8.1 | 7.6 | 4.9 | 4.1 | 3.1 | 6.2 |
| 2004/05 | 38.4 | 24.0 | 15.9 | 19.9 | 1.7 | 26.3 | 7.5 | 7.8 | 7.7 | 5.1 | 3.9 | 3.1 | 6.1 |
| 2005/06 | 38.7 | 23.8 | 16.0 | 19.8 | 1.8 | 25.6 | 7.9 | 7.7 | 7.7 | 5.5 | 3.7 | 3.0 | 6.0 |
| 2006/07 | 37.7 | 25.4 | 15.9 | 19.1 | 1.9 | 25.2 | 7.9 | 10.8 | 8.1 | 5.4 | 3.6 | 2.9 | 5.8 |
| 2007/08 | 36.2 | 26.7 | 15.8 | 19.0 | 2.2 | 23.9 | 7.5 | 12.1 | 8.0 | 5.8 | 3.5 | 2.7 | 5.6 |
| 2008/09 | 34.8 | 28.7 | 16.4 | 18.7 | 1.4 | 22.7 | 7.2 | 13.3 | 8.7 | 6.0 | 3.5 | 2.8 | 5.2 |
| 2009/10 | 33.7 | 30.9 | 16.2 | 18.3 | 0.8 | 21.7 | 7.4 | 14.3 | 9.6 | 5.9 | 3.4 | 2.9 | 5.6 |
| 2010/11 | 32.2 | 32.6 | 16.1 | 18.2 | 0.9 | 20.7 | 7.1 | 14.6 | 10.7 | 5.7 | 3.3 | 2.9 | 5.7 |
| 2011/12 | 29.6 | 34.7 | 16.2 | 18.5 | 1.0 | 19.2 | 6.9 | 15.4 | 11.6 | 5.4 | 3.4 | 2.9 | 5.9 |
| 2012/13 | 24.2 | 39.9 | 16.4 | 18.4 | 1.0 | 14.2 | 6.7 | 19.9 | 12.1 | 5.3 | 3.3 | 2.9 | 5.9 |
| 2013/14 | 19.8 | 44.4 | 16.5 | 18.1 | 1.1 | 10.4 | 6.4 | 23.7 | 12.7 | 5.4 | 3.2 | 2.9 | 5.7 |
| 2014/15 | 15.9 | 46.4 | 17.8 | 17.6 | 2.3 | 7.1 | 5.9 | 26.1 | 12.6 | 5.4 | 3.1 | 2.9 | .. |
| 2015/16 | 14.9 | 48.4 | 16.9 | 17.4 | 2.4 | 6.1 | 5.6 | 27.2 | 12.8 | 5.6 | 3.3 | 2.8 | . |
| 2016/17 | 14.3 | 49.6 | 16.5 | 17.0 | 2.3 | 5.9 | 5.5 | 28.3 | 13.0 | 5.4 | 3.3 | 2.8 | .. |
| 2017/18 | 13.4 | 49.3 | 16.3 | 18.8 | 2.2 | 5.4 | 5.2 | 27.5 | 13.6 | 5.3 | 3.2 | 2.8 | .. |

(a) Excludes EU students charged home fees before 1998/99

Source: Resources of higher education institutions 2008/09, and earlier, HESA

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    HE finance plus 2016/17, ald wier, HESA. Higher Educat P Provider Data: Finance, HESA
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Table 3

| EXPENDITURE OF UK HEIS |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | By broad category |  |  |  | By activity |  |  |  |  |  |  |
|  | Staff costs | Other operating expenditure | Depreciation | other finance costs | Academic department | Academic services | Administration \& central services | Premises | Residences \& catering operations | Research grants \& contracts <br> contracts | Other expenditure |
| £ billion cash |  |  |  |  |  |  |  |  |  |  |  |
| 1993/94 | 5.3 | 3.4 | 0.3 | 0.1 | .. | .. | .. | .. | .. | .. | . |
| 1994/95 | 5.7 | 3.6 | 0.4 | 0.1 | 4.2 | 0.6 | 1.2 | 1.2 | 0.7 | 1.2 | 0.7 |
| 1995/96 | 6.1 | 3.9 | 0.4 | 0.2 | 4.6 | 0.7 | 1.3 | 1.2 | 0.7 | 1.3 | 0.7 |
| 1996/97 | 6.3 | 3.9 | 0.5 | 0.2 | 4.7 | 0.7 | 1.3 | 1.3 | 0.8 | 1.4 | 0.8 |
| 1997/98 | 6.5 | 4.2 | 0.5 | 0.2 | 4.8 | 0.8 | 1.4 | 1.3 | 0.8 | 1.5 | 0.8 |
| 1998/99 | 6.9 | 4.3 | 0.5 | 0.2 | 5.1 | 0.8 | 1.5 | 1.3 | 0.8 | 1.6 | 0.8 |
| 1999/00 | 7.4 | 4.6 | 0.6 | 0.2 | 5.4 | 0.9 | 1.6 | 1.3 | 0.9 | 1.7 | 0.9 |
| 2000/01 | 7.9 | 4.6 | 0.8 | 0.2 | 5.7 | 1.0 | 1.7 | 1.4 | 0.9 | 1.9 | 1.0 |
| 2001/02 | 8.4 | 5.2 | 0.7 | 0.2 | 6.0 | 1.1 | 1.8 | 1.5 | 0.9 | 2.1 | 1.0 |
| 2002/03 | 9.0 | 5.5 | 0.7 | 0.2 | 6.4 | 1.1 | 2.1 | 1.6 | 0.9 | 2.3 | 0.9 |
| 2003/04 | 9.7 | 5.9 | 0.8 | 0.2 | 6.9 | 1.3 | 2.2 | 1.8 | 1.0 | 2.3 | 1.2 |
| 2004/05 | 10.5 | 6.4 | 0.9 | 0.3 | 7.4 | 1.3 | 2.4 | 2.0 | 1.0 | 2.5 | 1.2 |
| 2005/06 | 11.2 | 6.9 | 1.0 | 0.3 | 7.9 | 1.5 | 2.6 | 2.2 | 1.1 | 2.6 | 1.4 |
| 2006/07 | 12.2 | 7.5 | 1.1 | 0.3 | 8.6 | 1.6 | 2.9 | 2.4 | 1.1 | 2.9 | 1.5 |
| 2007/08 | 13.1 | 8.3 | 1.2 | 0.3 | 9.3 | 1.8 | 3.3 | 2.6 | 1.2 | 3.1 | 1.7 |
| 2008/09 | 14.2 | 9.1 | 1.3 | 0.4 | 10.0 | 1.9 | 3.7 | 2.8 | 1.3 | 3.4 | 1.9 |
| 2009/10 | 14.6 | 9.4 | 1.4 | 0.5 | 10.3 | 2.0 | 3.9 | 3.0 | 1.3 | 3.6 | 1.9 |
| 2010/11 | 14.7 | 9.6 | 1.5 | 0.4 | 10.4 | 2.0 | 4.0 | 3.0 | 1.3 | 3.6 | 1.8 |
| 2011/12 | 14.8 | 9.9 | 1.5 | 0.4 | 10.5 | 2.1 | 4.1 | 3.1 | 1.4 | 3.7 | 1.7 |
| 2012/13 | 15.4 | 10.5 | 1.6 | 0.4 | 10.9 | 2.3 | 4.3 | 3.2 | 1.4 | 4.0 | 1.7 |
| 2013/14 | 16.3 | 11.0 | 1.8 | 0.4 | 11.3 | 2.5 | 4.7 | 3.4 | 1.5 | 4.2 | 1.7 |
| 2014/15 | 18.2 | 11.8 | 2.0 | 0.7 | 11.7 | 2.7 | 5.1 | 3.7 | 1.6 | 4.5 | 1.8 |
| 2015/16 | 18.0 | 12.1 | 2.1 | 0.7 | 12.3 | 3.0 | 5.3 | 3.8 | 1.7 | 4.6 | 2.3 |
| 2016/17 | 18.9 | 12.5 | 2.3 | 0.7 | 13.0 | 3.1 | 5.5 | 4.0 | 1.8 | 4.8 | 2.2 |
| 2017/18 | 20.1 | 13.8 | 2.5 | 0.8 | 13.6 | 3.4 | 6.0 | 4.2 | 1.9 | 5.0 | 3.1 |
| \% of total |  |  |  |  |  |  |  |  |  |  |  |
| 1993/94 | 58.1 | 37.0 | 3.6 | 1.3 | .. | .. | .. | .. | .. | .. | .. |
| 1994/95 | 57.7 | 36.6 | 4.1 | 1.5 | 42.5 | 6.5 | 12.0 | 12.3 | 7.0 | 12.7 | 6.9 |
| 1995/96 | 57.9 | 36.4 | 4.1 | 1.6 | 43.1 | 6.7 | 12.0 | 11.5 | 7.1 | 12.6 | 7.0 |
| 1996/97 | 57.9 | 36.0 | 4.3 | 1.8 | 43.3 | 6.6 | 12.0 | 11.6 | 7.2 | 12.9 | 7.3 |
| 1997/98 | 57.2 | 36.6 | 4.4 | 1.8 | 42.3 | 6.8 | 12.0 | 11.3 | 7.2 | 13.1 | 7.3 |
| 1998/99 | 57.9 | 36.1 | 4.4 | 1.7 | 42.5 | 7.1 | 12.5 | 10.8 | 7.0 | 13.3 | 6.9 |
| 1999/00 | 58.1 | 36.0 | 4.4 | 1.6 | 42.6 | 7.1 | 12.5 | 10.5 | 6.8 | 13.5 | 7.0 |
| 2000/01 | 58.4 | 34.1 | 5.8 | 1.8 | 42.0 | 7.3 | 12.6 | 10.4 | 6.5 | 14.2 | 7.1 |
| 2001/02 | 58.0 | 36.0 | 4.6 | 1.4 | 41.4 | 7.6 | 12.8 | 10.5 | 6.3 | 14.7 | 6.7 |
| 2002/03 | 58.4 | 35.6 | 4.7 | 1.3 | 41.3 | 7.4 | 13.3 | 10.5 | 6.1 | 14.5 | 6.1 |
| 2003/04 | 58.5 | 35.5 | 4.8 | 1.2 | 41.7 | 7.6 | 13.1 | 10.7 | 6.0 | 14.1 | 7.0 |
| 2004/05 | 58.2 | 35.5 | 4.9 | 1.4 | 41.4 | 7.5 | 13.3 | 10.9 | 5.7 | 13.7 | 6.6 |
| 2005/06 | 57.9 | 35.8 | 5.0 | 1.3 | 41.0 | 7.7 | 13.5 | 11.4 | 5.5 | 13.6 | 7.3 |
| 2006/07 | 57.8 | 35.8 | 5.1 | 1.3 | 41.1 | 7.6 | 14.0 | 11.3 | 5.4 | 13.6 | 7.1 |
| 2007/08 | 57.4 | 36.1 | 5.2 | 1.3 | 40.6 | 7.7 | 14.2 | 11.5 | 5.2 | 13.6 | 7.3 |
| 2008/09 | 56.8 | 36.4 | 5.2 | 1.5 | 40.0 | 7.6 | 14.8 | 11.4 | 5.1 | 13.6 | 7.5 |
| 2009/10 | 56.6 | 36.2 | 5.4 | 1.8 | 39.8 | 7.7 | 15.1 | 11.5 | 5.0 | 13.8 | 7.2 |
| 2010/11 | 56.2 | 36.7 | 5.6 | 1.4 | 39.7 | 7.8 | 15.4 | 11.3 | 5.1 | 13.9 | 6.8 |
| 2011/12 | 55.5 | 37.3 | 5.8 | 1.4 | 39.5 | 8.0 | 15.5 | 11.7 | 5.1 | 13.9 | 6.3 |
| 2012/13 | 55.2 | 37.5 | 5.8 | 1.4 | 38.9 | 8.4 | 15.5 | 11.6 | 5.1 | 14.2 | 6.1 |
| 2013/14 | 55.4 | 37.2 | 6.0 | 1.4 | 38.5 | 8.4 | 16.0 | 11.6 | 5.1 | 14.3 | 5.9 |
| 2014/15 | 55.7 | 36.0 | 6.1 | 2.0 | 36.0 | 8.2 | 15.7 | 11.2 | 4.8 | 13.7 | 5.5 |
| 2015/16 | 54.6 | 36.7 | 6.3 | 2.3 | 37.3 | 9.0 | 16.1 | 11.4 | 5.2 | 13.9 | 7.0 |
| 2016/17 | 54.5 | 36.2 | 6.6 | 2.0 | 37.5 | 9.1 | 16.0 | 11.5 | 5.2 | 13.9 | 6.5 |
| 2017/18 | 53.9 | 37.1 | 6.6 | 2.0 | 36.5 | 9.2 | 16.1 | 11.4 | 5.0 | 13.4 | 8.3 |
| Source: | Resources of higher education institutions 2008/09, and earlier, HESA |  |  |  |  |  |  |  |  |  |  |

## Table 4

| ACADEMIC STAFF IN UK HEIS Headcount |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mode |  | Employment function |  |  |  | Grade |  |  |  |  |  |
|  | Full-time | Part-time | Teaching or teaching/ research | Research only | Teaching only | Teaching and research | Professor | Sen. lecturer/ researcher | Lecturer | Researcher | Other | Total |
| Old basis |  |  |  |  |  |  |  |  |  |  |  |  |
| 1994/95 | 102,700 | 12,000 | 82,200 | 32,500 | .. | .. | 7,700 | 19,900 | 47,600 | 29,100 | 10,400 | 114,700 |
| 1995/96 | 111,500 | 15,100 | 89,200 | 37,300 | .. | .. | 9,100 | 20,900 | 51,100 | 33,600 | 11,900 | 126,600 |
| 1996/97 | 110,800 | 16,800 | 89,900 | 37,700 | .. | .. | 9,500 | 21,300 | 50,200 | 33,500 | 13,100 | 127,600 |
| 1997/98 | 110,500 | 17,600 | 90,200 | 37,800 | .. | . | 9,900 | 21,100 | 50,300 | 33,700 | 13,100 | 128,100 |
| 1998/99 | 112,400 | 18,800 | 92,200 | 39,000 | .. | .. | 10,800 | 21,500 | 50,100 | 34,900 | 13,800 | 131,100 |
| 1999/00 | 113,800 | 22,000 | 94,000 | 41,800 | .. | .. | 12,500 | 23,300 | 49,500 | 37,300 | 13,200 | 135,800 |
| 2000/01 | 116,400 | 23,500 | 96,500 | 43,500 | .. | .. | 13,500 | 24,000 | 50,200 | 39,000 | 13,400 | 139,900 |
| 2001/02 | 119,900 | 23,300 | 98,300 | 44,800 | .. | .. | 13,800 | 24,600 | 50,100 | 40,400 | 14,200 | 143,200 |
| 2002/03 | 120,800 | 26,100 | 101,000 | 45,800 | .. | .. | 14,200 | 25,400 | 50,300 | 41,400 | 15,500 | 146,900 |
| New Basis |  |  |  |  |  |  |  |  |  |  |  |  |
| 2003/04 | 106,900 | 43,300 | .. | 36,200 | 30,200 | 81,700 | 13,500 | 24,700 | 54,000 | 33,200 | 24,700 | 150,200 |
| 2004/05 | 109,600 | 51,000 | .. | 36,100 | 39,300 | 83,000 | 14,500 | 26,200 | 55,200 | 33,400 | 31,400 | 160,700 |
| 2005/06 | 111,400 | 53,500 | .. | 37,300 | 41,600 | 84,000 | 15,500 | 28,200 | 53,600 | 34,900 | 32,700 | 164,900 |
| 2006/07 | 113,700 | 56,300 | .. | 38,200 | 43,100 | 86,800 | 16,500 | 33,700 | 51,900 | 36,700 | 31,200 | 170,000 |
| 2007/08 | 116,500 | 58,500 | .. | 39,300 | 43,000 | 91,200 | 18,300 | 37,000 | 51,900 | 38,000 | 29,800 | 174,900 |
| 2008/09 | 117,500 | 61,600 | .. | 39,900 | 45,800 | 92,100 | .. | .. | .. | .. | .. | 179,000 |
| 2009/10 | 117,900 | 63,700 | .. | 40,500 | 46,500 | 93,900 | .. | .. | .. | .. | .. | 181,600 |
| 2010/11 | 118,100 | 63,100 | .. | 40,700 | 45,000 | 94,800 | .. | .. | .. | .. | .. | 181,200 |
| 2011/12 | 117,800 | 63,500 | .. | 40,800 | 45,800 | 94,000 | .. | .. | .. | .. | .. | 181,400 |
| 2012/13 | 122,500 | 63,100 | . | 42,400 | 46,800 | 94,600 | .. | .. | .. | .. | .. | 185,600 |
| 2013/14 | 128,200 | 66,100 | . | 45,600 | 52,600 | 94,500 | .. | .. | .. | .. | .. | 194,200 |
| 2014/15 | 132,900 | 65,500 | . | 48,200 | 52,000 | 96,600 | . | .. | . | .. | . | 198,300 |
| 2015/16 | 135,000 | 66,700 | . | 48,700 | 52,600 | 98,600 | .. | .. | .. | .. | .. | 201,800 |
| 2016/17 | 138,400 | 68,500 | . | 49,100 | 56,100 | 100,200 | .. | .. | .. | .. | .. | 206,900 |
| 2017/18 | 140,700 | 71,300 | . | 49,500 | 61,100 | 100,100 | . | . | . | . | . | 212,000 |

[^10]| STAFF COSTS AT UK HEIS <br> £ billion cash |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Academic departments | Academic services | inistration <br> \& central services | Residences \&cateringPremises operations |  | Research grants \& contracts | Other expenditure | Total |
| Academic staff costs |  |  |  |  |  |  |  |  |
| 1994/95 | 2.53 | 0.03 | 0.04 | .. | .. | 0.56 | 0.09 | 3.25 |
| 1995/96 | 2.78 | 0.03 | 0.05 | .. | .. | 0.59 | 0.09 | 3.54 |
| 1996/97 | 2.85 | 0.03 | 0.06 | .. | .. | 0.63 | 0.10 | 3.67 |
| 1997/98 | 2.85 | 0.03 | 0.05 | .. | .. | 0.65 | 0.10 | 3.68 |
| 1998/99 | 3.04 | 0.03 | 0.05 | .. | .. | 0.67 | 0.10 | 3.90 |
| 1999/00 | 3.26 | 0.04 | 0.06 | .. | .. | 0.75 | 0.09 | 4.21 |
| 2000/01 | 3.44 | 0.04 | 0.07 | .. | .. | 0.79 | 0.12 | 4.46 |
| 2001/02 | 3.60 | 0.04 | 0.08 | .. | .. | 0.90 | 0.11 | 4.74 |
| 2002/03 | 3.84 | 0.05 | 0.09 | .. | .. | 1.00 | 0.13 | 5.11 |
| 2003/04 | 4.16 | 0.05 | 0.10 | .. | .. | 1.04 | 0.13 | 5.48 |
| 2004/05 | 4.46 | 0.06 | 0.11 | .. | .. | 1.09 | 0.13 | 5.86 |
| 2005/06 | 4.75 | 0.06 | 0.12 | .. | .. | 1.18 | 0.13 | 6.24 |
| 2006/07 | 5.16 | 0.06 | 0.12 | .. | .. | 1.25 | 0.12 | 6.70 |
| 2007/08 | 5.50 | 0.06 | 0.13 | .. | .. | 1.36 | 0.13 | 7.19 |
| 2008/09 | 5.91 | 0.07 | 0.13 | .. | .. | 1.54 | 0.15 | 7.81 |
| 2009/10 | 6.13 | 0.08 | 0.16 | .. | .. | 1.61 | 0.17 | 8.14 |
| 2010/11 | 6.18 | 0.07 | 0.14 | .. | .. | 1.64 | 0.13 | 8.15 |
| 2011/12 | 6.26 | 0.07 | 0.13 | .. | .. | 1.64 | 0.12 | 8.23 |
| 2012/13 | 6.50 | 0.09 | 0.13 | .. | .. | 1.71 | 0.12 | 8.55 |
| 2013/14 | 6.84 | 0.08 | 0.13 | .. | .. | 1.83 | 0.11 | 9.02 |
| 2014/15 | 7.15 | 0.08 | 0.15 | . | .. | 2.01 | 0.11 | 9.53 |
| 2015/16 | 7.55 | 0.09 | 0.15 | .. | .. | 2.06 | 0.12 | 9.96 |
| 2016/17 | 7.96 | 0.09 | 0.15 | .. | .. | 2.13 | 0.05 | 10.38 |
| 2017/18 | 8.30 | 0.13 | 0.15 | .. | .. | 2.20 | 0.03 | 10.81 |
| Non-academic staff costs |  |  |  |  |  |  |  |  |
| 1994/95 | 0.74 | 0.31 | 0.55 | 0.27 | 0.20 | 0.18 | 0.14 | 2.39 |
| 1995/96 | 0.80 | 0.35 | 0.59 | 0.29 | 0.21 | 0.19 | 0.15 | 2.59 |
| 1996/97 | 0.83 | 0.36 | 0.62 | 0.29 | 0.22 | 0.19 | 0.18 | 2.70 |
| 1997/98 | 0.86 | 0.39 | 0.65 | 0.30 | 0.22 | 0.21 | 0.18 | 2.80 |
| 1998/99 | 0.89 | 0.42 | 0.70 | 0.31 | 0.23 | 0.23 | 0.21 | 3.00 |
| 1999/00 | 0.96 | 0.45 | 0.75 | 0.33 | 0.25 | 0.22 | 0.21 | 3.17 |
| 2000/01 | 1.02 | 0.50 | 0.82 | 0.34 | 0.26 | 0.27 | 0.24 | 3.45 |
| 2001/02 | 1.09 | 0.54 | 0.88 | 0.36 | 0.26 | 0.25 | 0.24 | 3.63 |
| 2002/03 | 1.16 | 0.58 | 1.00 | 0.38 | 0.28 | 0.24 | 0.25 | 3.88 |
| 2003/04 | 1.25 | 0.64 | 1.07 | 0.41 | 0.29 | 0.26 | 0.33 | 4.25 |
| 2004/05 | 1.35 | 0.68 | 1.14 | 0.44 | 0.30 | 0.27 | 0.34 | 4.52 |
| 2005/06 | 1.43 | 0.76 | 1.28 | 0.48 | 0.31 | 0.28 | 0.42 | 4.95 |
| 2006/07 | 1.55 | 0.83 | 1.43 | 0.52 | 0.33 | 0.35 | 0.46 | 5.47 |
| 2007/08 | 1.69 | 0.93 | 1.54 | 0.55 | 0.34 | 0.37 | 0.52 | 5.95 |
| 2008/09 | 1.81 | 1.02 | 1.73 | 0.60 | 0.36 | 0.36 | 0.49 | 6.36 |
| 2009/10 | 1.84 | 1.05 | 1.80 | 0.61 | 0.36 | 0.36 | 0.48 | 6.50 |
| 2010/11 | 1.83 | 1.07 | 1.85 | 0.60 | 0.35 | 0.36 | 0.51 | 6.58 |
| 2011/12 | 1.80 | 1.10 | 1.89 | 0.59 | 0.35 | 0.37 | 0.49 | 6.58 |
| 2012/13 | 1.86 | 1.21 | 1.94 | 0.60 | 0.34 | 0.41 | 0.50 | 6.86 |
| 2013/14 | 1.90 | 1.27 | 2.08 | 0.62 | 0.35 | 0.48 | 0.52 | 7.25 |
| 2014/15 | 1.95 | 1.37 | 2.22 | 0.65 | 0.36 | 0.46 | 0.54 | 7.59 |
| 2015/16 | 2.03 | 1.50 | 2.34 | 0.67 | 0.37 | 0.47 | 0.70 | 8.08 |
| 2016/17 | 2.14 | 1.58 | 2.51 | 0.70 | 0.37 | 0.50 | 0.69 | 8.49 |
| 2017/18 | 2.19 | 1.72 | 2.68 | 0.73 | 0.38 | 0.57 | 1.00 | 9.27 |

[^11]Table 5

| STAFF COSTS AT UK HEIS <br> £ billion cash |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Academic departments | Academic services | inistration \& central services | Premises | Residences \& catering operations | Research grants \& contracts | Other expenditure | Total |
| Academic staff costs |  |  |  |  |  |  |  |  |
| 1994/95 | 2.53 | 0.03 | 0.04 | .. | .. | 0.56 | 0.09 | 3.25 |
| 1995/96 | 2.78 | 0.03 | 0.05 | .. | .. | 0.59 | 0.09 | 3.54 |
| 1996/97 | 2.85 | 0.03 | 0.06 | .. | .. | 0.63 | 0.10 | 3.67 |
| 1997/98 | 2.85 | 0.03 | 0.05 | .. | . | 0.65 | 0.10 | 3.68 |
| 1998/99 | 3.04 | 0.03 | 0.05 | .. | .. | 0.67 | 0.10 | 3.90 |
| 1999/00 | 3.26 | 0.04 | 0.06 | .. | .. | 0.75 | 0.09 | 4.21 |
| 2000/01 | 3.44 | 0.04 | 0.07 | .. | . | 0.79 | 0.12 | 4.46 |
| 2001/02 | 3.60 | 0.04 | 0.08 | .. | . | 0.90 | 0.11 | 4.74 |
| 2002/03 | 3.84 | 0.05 | 0.09 | .. | .. | 1.00 | 0.13 | 5.11 |
| 2003/04 | 4.16 | 0.05 | 0.10 | .. | .. | 1.04 | 0.13 | 5.48 |
| 2004/05 | 4.46 | 0.06 | 0.11 | .. | .. | 1.09 | 0.13 | 5.86 |
| 2005/06 | 4.75 | 0.06 | 0.12 | .. | .. | 1.18 | 0.13 | 6.24 |
| 2006/07 | 5.16 | 0.06 | 0.12 | .. | .. | 1.25 | 0.12 | 6.70 |
| 2007/08 | 5.50 | 0.06 | 0.13 | .. | .. | 1.36 | 0.13 | 7.19 |
| 2008/09 | 5.91 | 0.07 | 0.13 | .. | .. | 1.54 | 0.15 | 7.81 |
| 2009/10 | 6.13 | 0.08 | 0.16 | . | . | 1.61 | 0.17 | 8.14 |
| 2010/11 | 6.18 | 0.07 | 0.14 | . | .. | 1.64 | 0.13 | 8.15 |
| 2011/12 | 6.26 | 0.07 | 0.13 | .. | .. | 1.64 | 0.12 | 8.23 |
| 2012/13 | 6.50 | 0.09 | 0.13 | .. | .. | 1.71 | 0.12 | 8.55 |
| 2013/14 | 6.84 | 0.08 | 0.13 | . | . | 1.83 | 0.11 | 9.02 |
| 2014/15 | 7.15 | 0.08 | 0.15 | . | .. | 2.01 | 0.11 | 9.53 |
| 2015/16 | 7.55 | 0.09 | 0.15 | .. | . | 2.06 | 0.12 | 9.96 |
| 2016/17 | 7.96 | 0.09 | 0.15 | .. | .. | 2.13 | 0.05 | 10.38 |
| Non-academic staff costs |  |  |  |  |  |  |  |  |
| 1994/95 | 0.74 | 0.31 | 0.55 | 0.27 | 0.20 | 0.18 | 0.14 | 2.39 |
| 1995/96 | 0.80 | 0.35 | 0.59 | 0.29 | 0.21 | 0.19 | 0.15 | 2.59 |
| 1996/97 | 0.83 | 0.36 | 0.62 | 0.29 | 0.22 | 0.19 | 0.18 | 2.70 |
| 1997/98 | 0.86 | 0.39 | 0.65 | 0.30 | 0.22 | 0.21 | 0.18 | 2.80 |
| 1998/99 | 0.89 | 0.42 | 0.70 | 0.31 | 0.23 | 0.23 | 0.21 | 3.00 |
| 1999/00 | 0.96 | 0.45 | 0.75 | 0.33 | 0.25 | 0.22 | 0.21 | 3.17 |
| 2000/01 | 1.02 | 0.50 | 0.82 | 0.34 | 0.26 | 0.27 | 0.24 | 3.45 |
| 2001/02 | 1.09 | 0.54 | 0.88 | 0.36 | 0.26 | 0.25 | 0.24 | 3.63 |
| 2002/03 | 1.16 | 0.58 | 1.00 | 0.38 | 0.28 | 0.24 | 0.25 | 3.88 |
| 2003/04 | 1.25 | 0.64 | 1.07 | 0.41 | 0.29 | 0.26 | 0.33 | 4.25 |
| 2004/05 | 1.35 | 0.68 | 1.14 | 0.44 | 0.30 | 0.27 | 0.34 | 4.52 |
| 2005/06 | 1.43 | 0.76 | 1.28 | 0.48 | 0.31 | 0.28 | 0.42 | 4.95 |
| 2006/07 | 1.55 | 0.83 | 1.43 | 0.52 | 0.33 | 0.35 | 0.46 | 5.47 |
| 2007/08 | 1.69 | 0.93 | 1.54 | 0.55 | 0.34 | 0.37 | 0.52 | 5.95 |
| 2008/09 | 1.81 | 1.02 | 1.73 | 0.60 | 0.36 | 0.36 | 0.49 | 6.36 |
| 2009/10 | 1.84 | 1.05 | 1.80 | 0.61 | 0.36 | 0.36 | 0.48 | 6.50 |
| 2010/11 | 1.83 | 1.07 | 1.85 | 0.60 | 0.35 | 0.36 | 0.51 | 6.58 |
| 2011/12 | 1.80 | 1.10 | 1.89 | 0.59 | 0.35 | 0.37 | 0.49 | 6.58 |
| 2012/13 | 1.86 | 1.21 | 1.94 | 0.60 | 0.34 | 0.41 | 0.50 | 6.86 |
| 2013/14 | 1.90 | 1.27 | 2.08 | 0.62 | 0.35 | 0.48 | 0.52 | 7.25 |
| 2014/15 | 1.95 | 1.37 | 2.22 | 0.65 | 0.36 | 0.46 | 0.54 | 7.59 |
| 2015/16 | 2.03 | 1.50 | 2.34 | 0.67 | 0.37 | 0.47 | 0.70 | 8.08 |
| 2016/17 | 2.14 | 1.58 | 2.51 | 0.70 | 0.37 | 0.50 | 0.69 | 8.49 |
| Source: | Resources of higher education institutions 2008/09, and earlier, HESA |  |  |  |  |  |  |  |

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[^0]:    1 Higher education funding 2010-11 -Secretary of State's grant letter of 22 December 2009, HEFCE; DIUS Departmental Report 2009
    2 BIS Summary of Savings Package - 24th May 2010
    3 Recurrent grants for 2010-11: Revised allocations, HEFCE
    4 Cuts for this financial year affect four months of academic year 2010-11
    5 Changes to recurrent grant for 2010-11, HEFCE circular letter 09/2011
    6 Welsh institutions face cuts of up to 4.3\%, but total Scottish pot rises 7\%, Times Higher Education 25 March 2010, pp10-11
    7 Recurrent grants for 2011-12: Revised allocations, HEFCE (October 2012)

[^1]:    8 Funding for universities and colleges for 2010-11 and 2011-12, HEFCE circular letter 05/2011
    9 Recurrent grants for 2011-12. Revised allocations, HEFCE
    10 Higher education funding for 2011-12 and beyond, BIS 20 December 2010; Scotland's spending plans and draft budget 2011-12, The Scottish Government; Draft Budget Proposals 2011-12, Welsh Assembly Government
    11 Securing a sustainable future for higher education -An independent review of higher education funding \& student finance
    12 Higher education funding for 2017-18, and earlier, BIS/HEFCE
    13 ibid.

[^2]:    14 Public expenditure statistical analysis 2018, HM Treasury
    15 1993/94 was the first year after the current integrated system of HE replaced the former divide between polytechnics and universities.

[^3]:    16 Growth up to 2009/10 adjusted using the HEPPI was slower at 67\%, compared to $98 \%$ when adjusted using the GDP deflator.
    17 Students in higher education institutions, various years, HESA
    18 Higher Education Student Data, HESA

[^4]:    19 This indicator uses a slightly different definition of deficit based on historic cost depreciation and after taxation
    20 Higher Education Provider Data: Finance, and earlier HESA.
    21 ibid.

[^5]:    22 Funding councils or Government departments across the UK
    ${ }^{23}$ The 2016/17 rate for English institutions was 12\% compared with 12\% in Wales, 37\% in Northern Ireland and $32 \%$ in Scotland.
    24 The 2016/17 figure for English institutions was 52\% compared to 56\% in Wales, 31\% in Northern Ireland and $30 \%$ in Scotland
    25 'Other income' includes residences and catering, non research/teaching grants and income from public sector bodies, endowment income and interest and payment for 'other services rendered'.

[^6]:    26 Expenditure on central administration, staff and student facilities and amenities, bursaries and scholarships and general education

[^7]:    27 Those with at least a $25 \%$ teaching and/or research commitment
    28 Staff employed at HEFCE-funded HEIs: Trends and profiles, HECFE
    29 Students in higher education institutions, various years, HESA
    30 Including those on atypical contracts
    31 Higher Education Staff Data, HESA

[^8]:    32 Neither full-time nor part-time working arrangements that are not permanent and involve complex employment relationships
    33 Higher Education Staff Data, HESA
    34 Spending on centralised academic services such as libraries, computer networks, central computers and other general academic services.
    35 Expenditure on research carried out by the institution which has been externally sponsored

[^9]:    (a) Adjusted financial year GDP deflators produced by HM Treasury. Earlier versions of this note have used the Universities UK Higher Education Pay and Prices Index, but this is no longer produced.

    Sources: Resources of higher education institutions 2008/09, and earlier, HESA HE finance plus 2016/17, and earlier, HESA; Higher Education Provider Data: Finance, HESA

[^10]:    Note: figures exclude academic staff on atypical contracts in all years. A new method for defining academic contracts has used for 2012/13
    .. not available

    Sources: Resources of higher education institutions 2008/09, and earlier, HESA; Staff in higher education institutions 2015/16, and earlier, HESA; Higher Education staff data (2017/18), HESA

[^11]:    Source: Resources of higher education institutions 2008/09, and earlier, HESA
    HE finance plus 2016/17, and earlier, HESA; Higher Education Provider Data: Finance, HESA

