

UK Research Base Budget – December 2012 update

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Summary:

This document puts the latest Government announcements of new spending for science into context.

Since 2010, £1110m of new funding for research capital has been announced, and a further £196m of funding for commercialisation has been announced. The 2012 Autumn Statement (5th December 2012) announced £600m of new funding – we are expecting that some of this will go towards research capital, and some will be directed to commercialisation. The calculations below do not include that newly-announced investment.

Details:

	CSR07	SR10				
	2010-11	2010-11	2011-12	2012-13	2013-14	2014-15
Total Research Base Budget (£m)	5790	5725	5510	5343	5308	5399
Cumulative shortfall from 2010-11 CSR07 (£m)	0	-65	-345	-792	-1274	-1665
%change from 2010-11 CSR07	0	-1.1	-4.8	-7.7	-8.3	-6.8

Total Science Budget as defined in SR10 (£m)	4588	4575	4576	4577	4577	4576
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Total Science Budget as defined in CSR07 (£m)	4124	3924	3736	3545	3523	3628
Cumulative shortfall from 2010-11 CSR07 (£m)	0	200	588	1167	1768	2264
%change from 2010-11 CSR07	0	-4.9	-9.4	-14	-14.6	-12

Last year, we showed that by 2014-15 £1.6bn less will have been spent on the research base than if investment was maintained at 2010-11 levels as defined by the current Government in the 2010 Spending Review (SR10). This figure rises to £1.7bn less will have been spent than if investment was maintained at 2010-11 levels as planned by the previous Government in the 2007 Comprehensive Spending Review (CSR07).

Since the last Spending Review, the Government has announced a number of additional investments into the Research Base totaling over £1bn:

Project	Amount (£m)
UKCMRI	220
Large Facilities Capital Fund, UKSA and science campuses	100
National Graphene Institute	50
Science funding including large facilities capital	175
High performance computing	145
UK Research Partnership Investment Fund	100
UK Research Partnership Investment Fund	200
Additional European Space Agency contribution	120
Total	1110
Total to be included in new CaSE calculations below	790

At the time of our original report on science budget funding, the announcements of additional funding for UKCMRI and the Large Facilities Capital Fund and science campuses had already been made and included. To avoid double counting, this update only includes announcements made since in the calculations overleaf.

Additional funding has been incorporated into the total for the Research Base Budget for the financial year in which it was announced - £470m in 2011-12 and £320m in 2012-13.

Additional Research Base investments	CSR07	SR10				
	2010-11	2010-11	2011-12	2012-13	2013-14	2014-15
Total Research Base Budget (£m)	5790	5725	5980	5663	5308	5399
Cumulative shortfall from 2010-11 CSR07 (£m)	0	-65	+125	-2	-484	-875

Funding for commercialisation

The Government has also committed financially to improving our ability to commercialise research. Since SR2010, total of £196m has been invested in this aim.

TSB projects	Amount (£m)
Large Scale Demonstrator	25
Open Data institute	6
Innovation funding (including for SME R&D)	75
TSB contribution to Biomedical Catalyst Fund	90
TSB projects total	196

Although these commercialisation investments do not directly address the remaining £875m shortfall in the Total Research Base Budget, they are important investments into the health of the UK science and engineering sector. When added to the research base investment, they bring the total since SR2010 to £1.9 billion.

Notes:

“Total Research Base Budget” refers to the total of all spending that was included in the Science Budget as defined by either or both of CSR07 and SR10, as the definition of ‘science budget’ changed in 2010.