

Gazette Supplement



Curators of the University Libraries Bodleian Libraries: Annual Report 2015/2016

1 Introduction

The academic year 2015/16 was a significant one for the Bodleian Libraries during which the opening of the Weston Library was followed by its first full year of operation, and in which the collections passed a landmark 12 millionth acquisition.

During the course of the year, the administrative section of the University in which the Bodleian sits was repositioned as Gardens, Libraries and Museums (GLAM) and significant collaborative initiatives with the gardens and museums were begun. In addition, major improvements were made in services to support our readers and to our library spaces. New initiatives like our Centre for Digital Scholarship helped to support researchers across all disciplines utilise novel scholarly approaches to our collections using digital technologies.

Across our estates we worked with the divisions to better align our library provision with the needs of the academic endeavour at Oxford. We aim to provide Oxford with the best library service possible and results from our 2016 reader survey showed an increase (from 2012 results) in the quality of the service provided and in overall satisfaction. While pressures remain on the Bodleian Libraries' finances, we ensured that the effect on readers was limited and we worked to increase income to both maintain and improve our collections and services and to retain our place as one of the great research libraries of the world.

2 Serving our readers

We continued in our efforts to provide Oxford with the best library service possible and this year students rated Oxford's libraries as the best in the UK (at a broad-based university) for the third year running. The results of the most recent National

Student Survey (NSS), published in August 2015, revealed that 97% of students at the University of Oxford felt the libraries met their needs, the highest satisfaction score of any UK university (other than Cambridge, who also achieved 97%) and further education institutions. Oxford's libraries have consistently been at or near the top of the poll over the past six years.

Meanwhile the Bodleian's own reader survey (February 2016) showed an increase in user satisfaction (compared with 2012 results) as well as an increase in the perceived quality of the service provided. The survey of over 3,200 responses from all types of library users (undergraduates, postgraduates and academics) evaluated standard areas of library service. Scores (out of 9) in the three satisfaction questions have increased from 2012: 'I am satisfied with the way I am treated in the libraries' was rated 7.69, up from 7.64; 'I am satisfied with the libraries' support for my learning, research and teaching needs' increased from 7.32 to 7.36; and 'How would you rate the overall quality of the service provided by the libraries?' was rated 7.57 compared with 7.47 in 2012.

This year we saw enhancements to many of our services compared to 2014/15. The number of external reader visits to our physical libraries increased by 7% on the previous year, and with the opening of the Weston Library and adjustments to spaces across the libraries, we now have 680 more study places to accommodate additional readers. Use of our online services grew with over 12,138,240 searches on the library's discovery interface, SOLO, in 2015/16, and 10,000,702 database searches, both representing increases from the previous year.

We saw the impact of the 'digital shift' with 8.7 million electronic book chapters

downloaded (a 20% increase on the previous year) from the Bodleian's licensed ebook collections. In response to demand the libraries have grown their electronic resources, purchasing 626,838 ebooks in the last year (making almost 1.2 million electronic books available), and also have 81,871 journal titles now available electronically. This year the libraries purchased 918 electronic databases.

Although the Bodleian's digital collections grew in size and in use, the physical collections of the Bodleian also saw continued growth: 290,926 books were purchased and 124,062 additions were made through legal deposit. 721 metres of archives were acquired, making a total of 26,304 metres of archives in the Libraries.

Behind the scenes our teams have managed the distribution and fetching of books and materials with almost 1.2 million items (1,197,254) circulated in the last year. The Bodleian's Book Storage Facility (BSF) provides a vital, professional resource in fulfilling requests and storing collections (now holding almost 10 million items). In October 2015 the BSF celebrated five years since it began operation, and that month also marked one million book requests having been fulfilled from the facility.

Finally, the Bodleian Libraries have invested more resource into supporting our readers with training so they can make better use of library resources. In 2015/16 23,522 students received orientation, post-orientation and information skills training, up 11% from the previous year. The effort our libraries put into supporting readers was also rewarded, with the Bodleian Education Library in November 2015 receiving an award for the Support of Learning and Teaching under the Oxford Teaching Awards.

3 Library spaces and sites

In 2015/16 work continued to enhance library spaces and develop our estates.

During 2015/16 we completed the **Weston Library** development after three years of refurbishment and many years of planning. The focus in 2015/16 was on snagging and remaining works, and on embedding the operations of the new library in the routine work of the library. The Weston is the Bodleian's Special Collections library and includes public spaces with exhibition galleries, auditorium, café and shop. Since opening to the public in March 2015 it welcomed over 700,000 visitors and many researchers and scholars from around the world, working in every conceivable field, far exceeding expectations. In May 2016 HRH the Duke of Cambridge formally opened the library. The building was also distinguished with a number of prestigious awards for architecture and conservation, including winning the Architects' Journal 2016 Retrofit Awards in the category Listed Buildings - Over £5 million, the RIBA South Regional Award 2016, RIBA South Building of the Year 2016, RIBA National Award 2016, Architects' Journal 2016 Building of the Year and an Oxford Preservation Trust Award 2016. In July 2016 the Weston was shortlisted for the prestigious RIBA Stirling Prize, one of only five buildings to reach this stage of the competition from over 600 submissions.

One of the main activities through 2015/16 involved working closely with the Social Sciences Division on their project to make improvements to the St Cross Building on the corner of Manor Road. Despite the significant impact it had on the **Bodleian Law Library** and the **English Faculty Library**, staff worked hard to minimise disruption there while also delivering long-term benefits to those libraries. The aim of the refurbishment was to provide additional space for academic activities in the two faculties, with library collections making way for these spaces. The work did provide opportunities for the libraries to improve access and circulation in the buildings, and add new facilities.

In 2015, following extensive consultation, the Modern Languages Faculty approved the recommendation to proceed with the integration of the **Taylor Bodleian Slavonic and Modern Greek Library (TABS)** with the main **Taylor Institution Library**, subject to delivery on various dependencies. The relocation took place during long vacation 2016 with a three-week closure of the Taylor Institution to

accommodate this work, due for completion at the beginning of Michaelmas term 2016. As well as two new reading rooms the work created an additional graduate study room. In the longer term, the Humanities Division and the Bodleian Libraries are planning for a major overhaul of the library to enhance its role as a national and international centre for the study of Modern Languages and Linguistics.

Planning continued on two major projects. A prefeasibility study was completed for the **Radcliffe Science Library (RSL)**, suggesting a number of significant changes to the space to meet the changing needs of students and researchers in 21st-century science. This project flows from a joint initiative by the Bodleian Libraries, the Mathematical, Physical and Life Sciences Division, the Social Sciences Division and the Medical Sciences Division. The project also aims to deliver facilities to support the needs of the University museums, including enhanced storage and needs for teaching and public engagement using the collections.

Work also continued in planning the **Radcliffe Observatory Quarter (ROQ) Humanities Building**, a new building in the Radcliffe Observatory Quarter that will bring together various disciplines within the Humanities Division. A Project Sponsor Group for the proposed ROQ Humanities Building was established, chaired by the Master of Balliol, as was a Building Committee and a Libraries User Group, consisting of academics, students and subject librarians from relevant faculties, which reports to the Building Committee. This group will also look into the provision of graduate study space in the library and in the rest of the building.

Across Bodleian sites work has been underway to make our spaces and working practices more environmentally friendly and sustainable. This year the Bodleian Libraries won six Green Impact awards (ranging from gold through to bronze) recognising work done at a number of its sites covering key themes of: energy, waste, transport, biodiversity, community, embedding and communication. Sites have worked hard to save energy and reduce waste as well as communicate the green message and develop green solutions such as the popular Bodleian Keep Cups.

4 Resource development

This year the Bodleian Libraries worked on a number of innovative resources to support scholarship and make collections more readily available.

In 2014/15 the University embarked on a major investigative project, sponsored and managed by the Bodleian Libraries, called **Resource Discovery**. Working with colleagues across the University, the Resource Discovery project seeks to find an intelligent solution to making the task of searching through the riches of the University's intellectual assets easier and bringing them to greater prominence online. In early 2015 the libraries started on the first phase of the project by working with colleagues across the University to scope the work needed to develop an intelligent search and retrieval tool or tools. This large-scale consultation exercise was completed in November 2015 and work began on scoping the first recommendation of the report: using collection-level metadata to visualise the scope of the collections at Oxford.

The new **Centre for Digital Scholarship in the Weston Library** opened in October 2015, providing a unique resource for scholars. The centre, which was initially funded by the John Fell Fund, the Oxford e-Research Centre and the Bodleian Libraries, aims to engage and inspire students and scholars from all disciplines at the University in the use of innovative digital technologies and multidisciplinary academic practice involving Bodleian collections. The centre enhances the libraries' support across the University of Oxford, drawing together people, technological expertise and library collections - special, digitised and born-digital. In 2015/16 the centre delivered a dynamic series of research talks, workshops, hacks and surgeries with speakers from across the University's divisions as well as abroad. The centre welcomes all members of the University to its events and Monday drop-ins for bespoke advice on digital projects.

During the year 2015/16 the libraries rolled out a new University-wide service, the **Oxford Research Archive for Data (ORA-Data)**. ORA-Data is one of a suite of support services designed to help researchers at the University access, create, archive, share and cite research data. It is also designed to hold catalogue records of archived research data deposited at subject specialist archives as well as research data deposits of its own.

The Oxford Research Archive (ORA) (www.ora.ox.ac.uk) already acts as a searchable repository of theses and publications, but ORA-Data extends this capability and is essentially the facility of the ORA service to include datasets. The ORA-Data pilot service was initiated specifically to support Oxford scientists in their need to comply with the EPSRC's funding requirements for projects developing research data. A minimum standard of compliant service has been established successfully and this continues to be developed as the service matures.

As of December 2015 over one million **electronic articles** and more than 41,000 ebooks had been deposited by publishers with the six UK legal deposit libraries and made available through the Bodleian Libraries' catalogue SOLO. Two years since the introduction of the Legal Deposit (non-print) Regulations in April 2013, legal deposit libraries focused on official papers, digital sheet music, digital maps, grey literature behind paywalls, and other non-standard and emerging formats, with the focus firstly on digital maps.

In 2015 the Social Science Library embarked on a project to develop **ORLiMS (Online Reading List Management System)**, which provides real-time information on the location and availability of the material students are asked to read by their tutors and lecturers. Every book, journal article and resource on the list is linked to the corresponding entry on SOLO, so users are able to see: the number of copies held in individual libraries, whether they can be borrowed, if they are currently available (physically/electronically) and full metadata from the original SOLO record. For course instructors, ORLiMS provides an easily manageable tool to build reading lists for students on a course, directing them to all the resources they need to read. Following development work on the tool by the WebLearn Team, library staff created 46 interactive reading lists, based in WebLearn, for use by undergraduate and postgraduate students in three participating departments in the Social Sciences Division, and the aim is to roll it out more widely.

Following some collaborative work with colleagues in the European Business Schools Library Group (EBSLG) network, staff at the Sainsbury Library at Saïd Business School worked with counterparts at ZBW (German National Library of Economics) to successfully have all content from the **Sainsbury Library's EUREKA research repository** (<http://eureka.sbs.ox.ac.uk>) harvested and disseminated through EconBiz (www.econbiz.de) and BASE, the Bielefeld University Academic

Search Engine (www.base-search.net). With the wider dissemination of Oxford Saïd research output via one of Europe's most powerful services, and the tracking of its impact through individual paper downloads, the Sainsbury continues in its efforts to support the school's research agenda by hosting and disseminating its profile globally.

HEFCE's new open-access policy took effect on 1 April 2016 and requires that final peer-reviewed versions of journal articles and conference papers (with an ISSN) must be deposited in an open-access repository within three months of acceptance for publication in order to be eligible for the next Research Excellence Framework (REF). This new requirement affects all researchers and academics producing works at the University. To fulfil this new requirement, the Bodleian Libraries launched a new **Act on Acceptance service** in October 2015 to support both the University's open-access policy for making research outputs widely available and our ability to optimise our submission to the next REF. The service gives researchers a new quick deposit route to ORA (which, as the institution's repository, provides digital preservation). In 2015/16 8,786 deposits of varying publication types were raised, averaging approximately 1,000 per month from February 2016. Demonstrating the value of this repository, there were 463,136 accesses to items in ORA in 2015/16.

5 Building and caring for the collections

Special collections materials are a unique resource of the Bodleian Libraries. In 2015/16 over 83,038 items from special collections were consulted by readers, an increase of 21% from the previous year. The Bodleian also grew its resources, with 721 metres of archives added in 2015/16.

The Bodleian's role in preserving items for future generations means care of the collections is an ongoing commitment. This year the Bodleian Libraries' Conservation team treated over 11,000 items. This includes the treatment or repair of damaged collection items across Bodleian collections and the fascinating programme. In the same year 1,549 books were repaired by the Bodleian's PADS (Packaging & Delivery Services) team (an increase of 55% from 2014/15) and 31,613 boxes were made to store fragile books and materials.

The libraries continue to build its special collections holding and make them available to scholars to consult. Key new acquisitions this year include a rare manuscript of one of

John Donne's most famous poems, a letter by influential philosopher John Locke and an annotated copy of a John Aubrey book about the supernatural, two among five books and manuscripts acquired from the collection of the late American bibliophile Robert Pirie. Pirie, who died in 2015, was one of the world's leading book collectors and amassed the finest collection of 16th- and 17th-century English literature in private hands.

The Bodleian also acquired a 15th-century illuminated and glossed psalter from the Cistercian abbey of Medingen, written and illustrated by the cantrix Margarete Hopes around 1500, then annotated and altered through the early 16th century. The manuscript was the focus of the inaugural lecture of the Professor of Medieval German.

We continued to build up collections in photography with the purchase of an album of 40 photographs of the River Thames from 1852 by the Oxford photographer Henry Daunt, featuring the earliest known panoramic views of the city and county of Oxford as seen from the river in the mid-19th century, purchased with the support of Friends of the Bodleian.

And we acquired a number of other key objects with links to Oxford. The first is a map of Middle-earth which features JRR Tolkien's copious notes and markings, revealing his vision of the creatures, topography and heraldry of his fantasy world where *The Hobbit* and *The Lord of the Rings* take place. The second is a rare 'lost' poem by Percy B Shelley (1792-1822) entitled *Poetical Essay on the Existing State of Things* by a 'Gentleman of the University of Oxford'. Published in 1811 during Shelley's first year at the University of Oxford, the essay was celebrated as the Bodleian Libraries' 12 millionth book in a public reading led by Vanessa Redgrave and featuring a poem in response by Professor of Poetry Simon Armitage. To ensure access the poem was digitised and made available online at <https://poeticalessay.bodleian.ox.ac.uk>.

In October 2015 catalogue records of the Bodleian's outstanding collection of 1.3 million **maps** and half a million **printed music scores were uploaded to SOLO**, the libraries' search database. The majority of these holdings were previously kept in card catalogues, but thanks to a £300,000 grant from the Andrew W Mellon Foundation to fund a three-year project, these items have now been fully converted to digitised records. Since being made available on SOLO there has been a marked increase in map and music orders.

Also in autumn 2015, the libraries' Digital Manuscripts Toolkit team collaborated with the Department of Middle Eastern and Islamic Manuscripts team to produce **Digital Mushaf**, a new scholarly tool. Digital Mushaf (<http://digitalmushaf.bodleian.ox.ac.uk>) draws on the resources of the International Image Interoperability Framework (IIIF) to display a digital reconstruction of a mushaf, or codex of the Qu'ran, using fragments held by four different libraries: the Bodleian, the Chester Beatty Library in Dublin, the Bibliothèque nationale de France (BnF) and the Herzog August Bibliothek in Wolfenbüttel. Using an IIIF manifest the team were able to gather all the images from the various locations and put them in the correct sequence, using the expertise of our scholarly collaborators to re-order fragments that had been bound incorrectly.

Digitising these rare collections is vital to provide scholars around the world with access. In 2015/16 there were 633,690 views of our digitised books or manuscripts so investment in this activity is needed in order to meet demand. Over the year work continued on other already established projects to digitise our collections, ranging from digitising the Bodleian's Greek and Hebrew manuscripts in partnership with the Vatican Libraries, to create an online catalogue raisonné of the work of Victorian photographic pioneer Henry Fox Talbot.

6 Public engagement

The Bodleian Libraries lead a wide and varied programme of events, real and virtual, designed to bring the collections to as wide an audience as possible. These include: exhibitions, exhibition loans, tours of library spaces, publicly accessible lectures, talks and seminars, as well as digital initiatives. Over the year we increased opportunities for the public to engage with our collections, and worked with University researchers and students to showcase University research and teaching. In 2015/16 the Bodleian Libraries published its public engagement aims, informed by the University's draft Public Engagement with Research strategy and the website of the National Co-ordinating Centre for Public Engagement.

We welcomed 747,776 visitors to the public spaces of the Weston Library and 64,152 to the Divinity School. 60,540 visitors attended a paid tour of the Old Library site. Over the year the libraries ran a number of thought-provoking exhibitions and displays based on its world-class collections,

welcoming 302,017 visitors to our gallery spaces and 134,011 to our online exhibitions.

The exhibition *Armenia: Masterpieces from an Enduring Culture*, which celebrated over two thousand years of Armenian history, ran from 23 October 2015 to 28 February 2016 and featured items from the Bodleian's collections, as well as personal family loans from Armenian diaspora communities in the UK. The exhibition coincided with international events to mark the centenary of the genocide against the Armenian population of the Ottoman Empire by the Young Turk government during World War One. Accompanying the exhibition, which was curated by Professor Theo van Lindt, Gulbenkian Professor of Armenian, and Robin Meyer, a postgraduate student in the Faculty of Oriental Studies, was a major scholarly publication and a series of academic symposia and workshops.

This exhibition was followed by *Shakespeare's Dead* (22 April–18 September 2016), which marked the 400th anniversary of Shakespeare's death, providing a unique take on the Bard by confronting the theme of death in Shakespeare's works. Curated by English professors Emma Smith and Simon Palfrey, and opened by the revered actor Dame Maggie Smith, the exhibition and its related events were a cornerstone of the citywide Shakespeare Oxford 2016 Festival. A major publication by the curators accompanied the exhibition.

In the Treasury *Bodleian Treasures: 24 Pairs* ran for most of 2016 (25 February 2016–19 February 2017), presenting some of the best of the Bodleian's 12 million items, uniquely displayed in 24 pairs.

Over the course of the year more than 20 displays ran in Blackwell Hall, Weston Library, and the Proscholium, Old Library. Displays covered topics ranging from the Selden Map of China, computer pioneer Ada Lovelace, Victorian photographer Julia Margaret Cameron, historic board games and pastimes, the Codex Mendoza and the Selden role, Alice in Wonderland, Prime Minister Harold Wilson, the Easter Rising, and maps in Oxfordshire. The Radcliffe Science Library also held displays on the geology of Oxfordshire, Ada Lovelace, the discovery of the structure of the DNA and the AlphaGo computer programme.

Highlights of the year include the display of a map of Middle-earth, annotated by JRR Tolkien, which was acquired by the Bodleian Libraries earlier in the year, and hundreds of visitors queued to see. Also on display was a 13-metre-long embroidery of the entire Wikipedia article on Magna Carta, spanning

Blackwell Hall in the Weston Library. The display was commissioned by the Ruskin School of Art and was the brainchild of artist Cornelia Parker. The embroidery toured the UK as part of the 800th anniversary celebrations of Magna Carta.

The Bodleian Libraries also loaned objects to over 20 exhibitions in the UK and around the world.

Over 60 public events and activities took place across the Weston Library and Old Library. These ranged from lectures to workshops, academic symposia to printing courses. The RSL also held a number of events for the public, including termly events to trial 3D printing and, with IT Services, hosting a series of Wikipedia events in Michaelmas term 2015 on Ada Lovelace.

Highlights of the events programme included the day-long launch of the National Campaign for Drawing, known as The Big Draw, the world's biggest drawing festival, on 19 September 2015. Launched by renowned author Philip Pullman and Children's Laureate Chris Riddell, this free public celebration in the Weston Library connected ten Oxford venues in an explosion of creativity, kicking off hundreds of drawing events across the UK and on five continents held throughout October 2015. This event was the first time The Big Draw had been launched in a venue outside of London.

The Bodleian Libraries also hosted the first parliamentary sitting in Oxford for 350 years for Parliament Week, November 2015. The libraries hosted the House of Commons Science and Technology Select Committee, chaired by local MP Nicola Blackwood, with the Committee taking evidence from Oxford academics specialising in the Ebola virus and Big Data, in front of an audience of Oxfordshire sixth form students.

Finally, on the evening of 10 November 2015 staff, VIPs and members of the public gathered in the Weston Library to learn the identity of the Bodleian Libraries' 12 millionth printed book: *A Poetical Essay on the Existing State of Things* by a 'Gentleman of the University of Oxford', published in 1811. The 'gentleman' was the acclaimed poet Percy B Shelley (1792–1822), who wrote the poem in his first year at the University of Oxford. The pamphlet with a ten-page poem remains the only copy known in existence and was purchased by the Bodleian Libraries with the support of a generous benefactor.

7 Commercial enterprises and communications

The Bodleian Libraries shops (in the Old Quadrangle and the Zvi Meitar Bodleian Shop in the Weston Library) had a strong trading year generating £909,003 in sales across both sites, an increase of 24% from 2014/15. Bodleian Library Publishing produced 26 titles over the year, ranging from exhibition catalogues to children's titles - and over 100,000 books were sold in total (101,775).

Communications led 16 media campaigns in 2015/16 achieving 5,325 mentions in the UK and international press, up 47% from 2014/15. Social media followers also increased dramatically with Twitter followers up 30% to 40,784 and Facebook followers up 97% to 20,305.

8 Development

A total of **£4,581,655** was raised from philanthropic activity in the financial year 2015/16 with 904 gifts made to the Libraries.

Donations included those from individuals, trusts and foundations and from legacies received during the year, as well as from Annual Fund and Telethon donors. The Bodleian Libraries are immensely grateful to all donors and supporters.

KEY STATISTICS**LIBRARY SPACES**

	2015/16	2014/15	2013/14
Gross internal floor area (sq m)	72,504	73,863	84,060
Study spaces	4,751	4,071	3,770

LIBRARY USE

	2015/16	2014/15	2013/14
Reader visits	1,986,101	2,024,337	1,899,625
Average number of readers in the libraries on sample days	1,265	1,304	1,193
Article downloads	9,389,856	8,619,245	7,728,797
Book chapter downloads	8,726,313	7,258,137	5,906,881
Searches of SOLO	12,138,240	11,975,375	11,876,798
Database searches	10,000,702	9,929,016	8,373,561
Total loans	1,197,254	1,317,679	1,422,353
Number of borrowers	27,117	27,312	27,450
Special collection items consulted	83,038	68,848	47,663
Views of a digitised book or manuscript	633,690	569,707	529,180

INFORMATION RESOURCE AND PROVISION

	2015/16	2014/15	2013/14
Number of prints, copies or scans	2,580,124	3,147,396	3,588,335
Net number of items added to the catalogued physical stock, excluding archives and manuscripts	262,849	178,467	219,131
Total linear metres of archives and manuscripts	26,304	25,583	25,314
Number of serials only available in print	28,155	28,318	28,731
Number of ebooks	1,177,035	1,064,063	961,146
Number of ejournals	81,871	81,268	75,634
Number of print legal deposit books received	124,062	128,298	123,822
Number of electronic legal deposit books received	88,200	12,000	0
Number of print legal deposit serials received	26,585	26,268	26,123
Number of electronic legal deposit serials received	7,549	4,457	2,733
Number of complete works in ORA available to the public	20,540	15,685	11,612
Number of people who received information skills training	23,522	21,256	16,736
Total enquiries during sample week	9,519	9,327	10,823

COLLECTIONS

	2015/16	2014/15	2013/14
Items ingested into the BSF	358,484	311,994	454,630
Fetches from the BSF	226,784	237,921	226,991
Books moved (m)	15,000	35,000	10,000
Items treated in the conservation workshop	11,183	9,113	11,346

PUBLIC ENGAGEMENT	2015/16	2014/15	2013/14
Number of visits to physical exhibitions	302,017	194,353	152,914
Number of visits to online exhibitions	134,011	86,780	65,400
Visits to Blackwell Hall	747,776	339,901	-
Number of visitors taking tours	124,692	115,366	96,750
Number of website sessions	2,711,717	2,643,289	2,241,308
Mentions in traditional media	5,325	3,613	1,056
Social media interactions	559,986	136,715	84,012
COMMERCIAL	2015/16	2014/15	2013/14
Shop sales (£)	909,003	732,000	548,000
Books published by Bodleian Library Publishing sold	101,775	80,802	75,709
STAFF	2015/16	2014/15	2013/14
Library staff (FTE)	565.01	546.51	522.1
END OF YEAR ACCOUNTS 2015/16	2015/16	2014/15	2013/14
Staff expenditure	21,347,417	20,240,419	19,586,563
Information provision expenditure	8,068,287	8,153,776	7,391,340
APC expenditure	2,361,575	1,047,549	336,930
Other expenditure	14,216,840	12,448,096	13,856,292
Total gross expenditure	45,994,119	41,889,840	41,171,125
University funding	30,460,861	29,076,270	29,481,000
HEFCE grant	1,897,947	1,871,743	1,871,743
Other income - internal	665,123	702,166	506,771
Other income - external	12,886,691	10,179,117	9,319,489
Total income	45,910,622	41,829,296	41,179,003

