# NOTES TO THE ACCOUNTS

NOTES TO THE ACCOUNTS	2005	2004
	£m	£m
1 Funding Council and Teacher Training Agency grants		
Higher Education Funding Council for England (HEFCE)		
Recurrent grant	142.2	136.7
Specific grants	10.9	9.6
Deferred capital grant released in year (note 21)		
Equipment	4.1	3.0
Buildings	1.3	1.7
HEFCE total	158.5	151.0
Teacher Training Agency		
Recurrent grant	3.8	3.9
	162.3	154.9
2 Academic fees and support grants		
Full-time home students	21.2	20.3
Full-time overseas students	25.7	24.6
Part-time course fees	8.2	11.0
Research Training Support Grants	0.9	1.4
	56.0	57.3
3 Income: research grants and contracts		
Research councils	72.5	66.4
UK based charities	57.2	52.3
Other bodies	59.0	57.6
	188.7	176.3
4 Examination and assessment services		_
Examination fees	146.4	138.5
Other examination and assessment services	14.7	12.2
	161.1	150.7
5 Other income		Restated
Other services rendered	22.0	21.6
Health and hospital authorities	12.2	9.1
Catering	3.5	4.5
AHRB museum grant	1.5	1.4
University companies	8.0	6.8
Released from deferred capital grants (note 21)	6.5	4.9
General donations	8.8	10.5
Specific donations released in the year	14.5	12.8
Surplus on disposal of tangible fixed assets Sundry income	- 8.7	2.8 7.5
~y	85.7	81.9
	65.7	01.9

6	Endowment and investment income Income from specific endowment asset investments Income from general endowment asset investments Other income credited to specific endowments Other investment income	2005 £m 24.2 0.3 1.7 14.7 40.9	2004 £m Restated 20.8 0.2 1.1 14.7 36.8
7	Staff costs	2005 £m	2004 £m
	Wages and salaries Social security costs Pension costs (note 28)	274.9 23.6 36.2	Restated 262.6 22.3 36.3
		334.7	321.2
	Emoluments of the Vice-Chancellor	2005 £000	2004 £000
	Emoluments excluding employer's pension contributions Employer's pension contributions	190 -	180 3
		190	183

# Remuneration of higher paid staff, excluding employer's pension contributions:

	Clin	ical	Non-C	Clinical	Total r	umber
	2005	2004	2005	2004	2005	2004
	R	estated			R	estated
£70,000-£80,000	31	36	37	47	68	83
£80,001-£90,000	19	16	20	11	39	27
£90,001-£100,000	15	7	3	11	18	18
£100.001-£110.000	11	17	5	4	16	21
£110,001-£120,000	8	3	5	_	13	3
£120.001-£130.000	10	9	1	2	11	11
£130.001-£140.000	6	2	2	1	8	3
£140,001-£150,000	4	3	_	_	4	3
£150,001-£160,000	4	8	_	_	4	8
£160.001-£170.000	6	_	1	2	7	2
£170,001-£180,000	6	3	_	1	6	4
£180,001-£190,000	1	2	1	1	2	3
£190,001-£200,000	2	_	_	_	2	_
£200,001–£210,000	_	_	1	_	1	_

The above statistics include additional payments to employees of the University on behalf of NHS bodies.

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NOTES TO THE ACCOUNTS	S (continue	ed)			
8 Analysis of expenditure by activity	Staff costs £m	Other operating expenses £m	Depreciation		2004 <i>Restated</i> £m
A and amin damantments	135.4	24.6	7.2	167.2	162.2
Academic departments					
Academic services	16.2	9.1	0.8	26.1	23.9
Payments to colleges (see note 31)	-	30.1	_	30.1	30.1
Research grants and contracts	85.2	69.0	8.2	162.4	153.0
Other activities:	40.0	100.1		150.1	125.4
Examinations and assessment services	48.8	102.4	2.2	153.4	137.4
Other services rendered	9.0	13.0	0.1	22.1	19.9
University companies	1.2	4.9	_	6.1	5.5
Catering	1.8	4.1	0.1	6.0	6.8
Other activities total	60.8	124.4	2.4	187.6	169.6
Administration and central services:					
Administration	19.3	6.5	1.0	26.8	25.5
General educational	2.4	21.6	0.1	24.1	26.2
Staff and student facilities	2.5	0.6	_	3.1	2.7
Development office	1.8	2.3	_	4.1	3.7
Other	1.2	1.1	_	2.3	9.2
Administration and central services total	27.2	32.1	1.1	60.4	67.3
Premises	9.9	30.3	18.9	59.1	59.9
Total per income and expenditure account	334.7	319.6	38.6	692.9	666.0
	Deferred capita Revaluation res General income	erve (note 23)			
Auditors' remuneration			2005 £000	2004 £000 Restated	
Other operating expenses include: Audit fees payable to the University's extern Other fees payable to the University's extern Audit fees payable to other firms	nal auditors nal auditors		191 - 108	183 22 82	
These amounts include related irrecoverable V	/AT.				
9 Surplus / (deficit) on continuing operations for t	-		2005 £m	2004 £m Restated	
The surplus / (deficit) on continuing operation	ns for the year is	made			

Surplus / (deficit) on continuing operations for the year	2005 £m	2004 £m <i>Restated</i>
The surplus / (deficit) on continuing operations for the year is made up as follows:		
University's deficit for the year	(4.1)	(13.8)
Surplus generated by subsidiary undertakings and transferred to the University under gift aid	2.4	2.9
Deficit dealt with in the accounts of the University	(1.7)	(10.9)
Group level adjustments re defined benefit schemes	(1.3)	0.9
Surplus retained in subsidiary undertakings	4.8	1.9
	1.8	(8.1)

#### 10 Segmental reporting

The group consisting of the University and its subsidiary undertakings has two principal classes of activity:

**Academic** Includes teaching and research

**Assessment** Examination and assessment services, carried out by the University of Cambridge Examinations

Syndicate and subsidiary undertakings, collectively known as Cambridge Assessment.

	Academic 2005 £m	Assessment 2005 £m	Group 2005 £m	Academic 2004 £m Restated	Assessme 2004 £m	nt Group 2004 £m Restated
Total income	= 40.5					
Segment total income Inter-segment income	548.3 (18.7)	165.4 -	713.7 (18.7)	506.6 (4.4)	155.0	661.6 (4.4)
Income from third parties	529.6	165.4	695.0	502.2	155.0	657.2
Unallocated income re CPS (see note 20)			(0.3)			0.7
Total income			694.7		_	657.9
Surplus / (deficit) on continuing operations Segment (deficit) / surplus	15.4	(12.1)	3.3	(14.2)	5.4	(8.8)
Unallocated net (loss) / gain re CPS (see not	te 20)		(1.5)			0.7
Group surplus / (deficit) on continuing open	rations		1.8			(8.1)
Net assets						
Segment net assets	1,858.4	147.9	2,006.3	1,635.4	146.7	1,782.1
Unallocated liability re CPS (see note 20)			(82.8)			(70.6)
Group net assets			1,923.5			1,711.5

#### 11 Prior year adjustments

The basis of preparation of these financial statements differs from the basis of preparation of the University's financial statements for the previous year. These financial statements include for the first time the income and expenditure, assets and liabilities of five Trusts which have been consolidated as subsidiary undertakings. The Trusts are the Gates Cambridge Trust, the Cambridge Commonwealth Trust, the Cambridge Overseas Trust, the Cambridge European Trust and the Malaysian Commonwealth Studies Centre in Cambridge. Comparative figures have been restated to reflect the revised basis of preparation. The effect of the prior year adjustments on the result for the year is as follows.

Deficit for the year under previous basis of preparation and accounting policies Change in basis of preparation: Inclusion of Cambridge Trusts	2005 £m (0.5) 2.3	2004 £m (8.9) 0.8
Surplus / (deficit) for the year as restated	1.8	(8.1)
The effect of these changes on opening net assets at 1 August 2004 is as follows:  Increase in reserves Increase in endowments		Group £m 81.0 138.2
Overall effect of change in basis of preparation Opening net assets at 1 August 2004 as previously reported		219.2 1,492.3
Opening net assets at 1 August 2004 as restated		1,711.5

12 Tangible fixed assets	Land and buildings	Assets in construction	Equipment	Heritage assets	2005 Total	2004 Restated
Group	£m	£m	£m	£m	£m	£m
Cost or valuation At 1 August: As previously stated Prior year adjustments (see note 11	705.5 ) 1.8	112.9 -	136.3 0.5	10.7 -	965.4 2.3	862.5 0.8
Restated opening balance Additions at cost Transfers	707.3 8.2 73.4	112.9 68.0	136.8 24.0	10.7 3.6	967.7 103.8	863.3 112.5
Disposals	/3. <del>4</del> –	(73.4)	(0.5)	_	(0.5)	(8.1)
At 31 July	788.9	107.5	160.3	14.3	1,071.0	967.7
<b>Depreciation</b> At 1 August: As previously stated Prior year adjustments (see note 11	89.9	- -	96.1 0.4	- -	186.0 0.6	156.4 0.5
Restated opening balance Charge for the year Elimination on disposals	90.1 19.0	- - -	96.5 19.6 (0.5)	- - -	186.6 38.6 (0.5)	156.9 36.8 (7.1)
At 31 July	109.1	-	115.6	-	224.7	186.6
Net book value At 31 July	679.8	107.5	44.7	14.3	846.3	781.1
At 1 August (restated)	617.2	112.9	40.3	10.7	781.1	706.4
University Cost or valuation At 1 August Additions at cost Transfers	696.7 7.6 75.6	115.3 68.0 (75.6)	133.0 23.8	10.7 3.6 —	955.7 103.0	850.0 111.9
Disposals	_	_	(0.5)	_	(0.5)	(6.2)
At 31 July	779.9	107.7	156.3	14.3	1,058.2	955.7
<b>Depreciation</b> At 1 August: Charge for the year Elimination on disposals	85.6 18.7	- - -	93.2 19.4 (0.4)	- - -	178.8 38.1 (0.4)	150.6 33.3 (5.1)
At 31 July	104.3	_	112.2	_	216.5	178.8
Net book value At 31 July	675.6	107.7	44.1	14.3	841.7	776.9
At 1 August	611.1	115.3	39.8	10.7	776.9	699.4

Land and buildings includes land totalling £73.6m (2004: £71.7m) which is not depreciated.

The cost to the group of buildings and assets in construction consists of the cost incurred by the University less the surplus recorded in the accounts of Lynxvale Limited, a subsidiary undertaking, and eliminated on consolidation.

13 Intangible fixed assets: goodwill  Opening balance: as previously stated	Group 2005 £m 2.1	Group 2004 £m 2.7
Additions / (disposals) in the year Amortisation charge for the year	(0.6)	(0.6)
Closing balance	1.5	2.1

14 Fixed asset investments	Group 2005 £m	Group 2004 £m Restated	University 2005 £m	University 2004 £m Restated
Opening balance as previously stated	196.3	177.6	209.3	190.9
Prior year adjustment (see note 11)	67.8	62.7		-
Restated opening balance	264.1	240.3	209.3	190.9
Additions / (disposals) in the year	(14.9)	12.9	(14.9)	10.2
Increase in market value of investments	43.4	10.9	28.6	8.2
Closing balance	292.6	264.1	223.0	209.3
Represented by: Property Securities Money market investments Investments in subsidiary undertakings Investment in spin-out companies (see note 29) Cash in hand and at investment managers Investments in joint ventures Other	61.0	58.8	53.2	51.4
	214.8	182.0	143.8	121.7
	8.0	14.2	6.3	9.1
	-	-	15.2	21.4
	8.2	7.4	3.1	4.0
	0.3	0.5	0.2	0.5
	0.1	-	-	-
	0.2	1.2	1.2	1.2
15 Endowment asset investments  Long-term Investments  Property Securities Money market investments Loan to subsidiary undertaking Cash in hand and at investment managers  Investment in spin-out companies (see note 29)	88.1 540.9 67.2 - 2.9 699.1 2.4	79.3 433.0 72.2 - - 584.5 3.9	73.7 412.4 65.5 2.4 0.6	66.2 323.2 71.5 - - 460.9
Short-term deposits Bank balances	11.1	14.1	-	2.3
	1.1	5.2	0.1	4.2
	713.7	607.7	554.7	467.4

Included in the Group's endowment asset investments is £149.7m (2004: £130.3m) relating to the Gates Cambridge Trust. The use of these assets is restricted to supporting the University by enabling persons from any part of the world outside the United Kingdom to benefit from education in the University by the provision of scholarships and grants and otherwise. The assets of the Gates Cambridge Trust are therefore not available for the general purposes of the University.

#### 16 Debtors

Research grants recoverable Amounts due from subsidiary undertakings	57.2	60.3	57.2 4.3	60.3 15.7
Debtors re examination and assessment services	35.4	23.6	24.3	15.7
Other debtors	41.1	25.4	35.4	21.6
	133.7	109.3	121.2	113.3

17 Current asset investments	Group 2005 £m	Group 2004 £m Restated	University 2005 £m	University 2004 £m Restated
Property	5.2	5.3	13.9	13.6
Securities	29.2	26.3	76.9	65.7
Money market investments	132.2	162.7	135.7	167.5
Short-term deposits	37.6	29.3	37.7	30.0
	204.2	223.6	264.2	276.8
Representing: University Held on behalf of subsidiary undertakings, related	198.9	214.8	160.5	164.0
parties and other associated bodies (see note 18)	5.3	8.8	103.7	112.8
	204.2	223.6	264.2	276.8

Current asset investments include investments held on behalf of subsidiary undertakings, related parties (see note 30) and other associated bodies. The book value of these investments is included in creditors due within one year.

18 Creditors: amounts falling due within one year Bank overdraft Research grants received in advance Creditors re examination and assessment services Other creditors Investments held on behalf of subsidiary undertakings, related parties and other associated bodies (see note 17)		7.7 56.1 32.6 105.2 8.8	3.7 53.4 22.7 80.1	7.6 56.1 18.1 94.4 112.8
	190.9	210.4	263.6	289.0
19 Creditors: amounts falling due after more than one year				
Amounts due to subsidiary undertakings	-	-	10.6	10.6
	_	_	10.6	10.6
20 Pension liability  The pension liability has been measured in accordance with the requirements of FRS 17 and relates to the Cambridge University Assistants' Contributory Pension Scheme (CPS) and the RSA Examinations Board Scheme (RSAEBS). See also note 28.  Opening balance  Movement in year:  Current service cost including life assurance Contributions Other finance cost / (income) Actuarial loss recognised in statement of total recognised gains and losses	CPS 2005 £m 70.6 11.1 (9.9) 0.3 10.7	RSAEBS 2005 £m 2.2 0.2 (0.4) -	Group 2005 £m 72.8 11.3 (10.3) 0.3 10.9	Group 2004 £m 56.6 12.9 (13.1) (0.7) 17.1
Closing balance	82.8	2.2	85.0	72.8

# 21 Deferred capital grants

Group and University	Funding Council £m	Research Grants £m	Other Grants £m	2005 Total £m	2004 £m
Balance 1 August					
Buildings	89.8	_	227.8	317.6	274.0
Equipment	8.9	15.6	2.3	26.8	24.9
Heritage assets	_	_	10.7	10.7	10.2
	98.7	15.6	240.8	355.1	309.1
Grants received Buildings	5.3		66.0	71.3	49.3
Equipment	5.1	7.9	2.0	15.0	13.1
Heritage assets	-	-	3.5	3.5	0.5
Released to income and expenditure for depreciation	10.4	7.9	71.5	89.8	62.9
Buildings	(1.3)	_	(5.3)	(6.6)	(5.7)
Equipment	(4.1)	(8.3)	(1.3)	(13.7)	(11.2)
Balance 31 July	(5.4)	(8.3)	(6.6)	(20.3)	(16.9)
Buildings	93.8	_	288.5	382.3	317.6
Equipment	9.9	15.2	3.0	28.1	26.8
Heritage assets	_	_	14.2	14.2	10.7
	103.7	15.2	305.7	424.6	355.1

# 22 Endowments

Group	Specific £m	General £m	2005 Total £m	2004 Total £m
Balance 1 August As previously stated Prior year adjustment (see note 11)	463.5 138.2	6.0	469.5 138.2	421.4 134.6
Restated opening balance Permanent endowments received	601.7 13.7	6.0	607.7 13.7	556.0 29.9
Income receivable from endowment asset investments Donations and other income Expenditure	24.2 1.7 (23.6)	0.3 - (0.3)	24.5 1.7 (23.9)	21.3 1.1 (22.2)
Excess of income over expenditure retained in specific endowments Increase in market value of investments	2.3 89.1	- 0.9	2.3 90.0	0.2 21.6
Balance 31 July	706.8	6.9	713.7	607.7
University	Specific £m	General £m	2005 Total £m	2004 Total £m
Balance 1 August Permanent endowments received	461.4 16.1	6.0	467.4 16.1	419.7 29.9
Income receivable from endowment asset investments Donations and other income Expenditure	19.4 1.5 (18.5)	0.3 - (0.3)	19.7 1.5 (18.8)	17.2 1.1 (16.5)
Excess of income over expenditure retained in specific endowments  Increase in market value of investments	2.4 67.9	- 0.9	2.4 68.8	1.8 16.0
Balance 31 July	547.8	6.9	554.7	467.4
Representing:	Specific £m	General £m	2005 Total £m	2004 Total £m
Trust and Special Funds: Professorships, Readerships and Lectureships Scholarships and bursaries Other	208.6 60.8	- -	208.6 60.8	Restated 175.2 56.9
Examination Board restricted funds General endowments	261.8 16.6 -	- - 6.9	261.8 16.6 6.9	214.3 15.0 6.0
University total Gates Cambridge Trust Other subsidiary undertakings	547.8 149.7 9.3	6.9 - -	554.7 149.7 9.3	467.4 130.3 10.0
Group total	706.8	6.9	713.7	607.7

# 23 Reserves Group

Group	<b>C</b> 1	D 1 4	2005	2004
	General reserves	Revaluation reserve	2005 Total	2004 Total
	£m	£m	£m	£m
Balance 1 August				
As previously stated	461.4	206.3	667.7	685.7
Prior year adjustment (see note 11)	81.0		81.0	76.4
Restated opening balance	542.4	206.3	748.7	762.1
Deficit retained for the year	(0.5)	_	(0.5)	(8.3)
Actuarial loss	(10.9)	_	(10.9)	(17.1)
Transfer in respect of depreciation on revalued operational properties	7.3	(7.2)		
Increase in market value of investments	47.9	(7.3)	- 47.9	12.0
mercase in market variae of investments				
Balance 31 July	586.2	199.0	785.2	748.7
Reserves are reduced by the net pension liability in respect of				
defined benefit pension schemes - see note 20 Reserves before net pension liability	671.2	199.0	870.2	821.5
Effect of net pension liability	(85.0)	199.0	(85.0)	(72.8)
Reserves balance at 31 July	586.2	199.0	785.2	748.7
University				
	General	Revaluation reserve	2005 Total	2004 Total
	reserves £m	£m	£m	£m
Balance 1 August	517.4	206.3	723.7	726.9
Deficit retained for the year	(4.1)	_	(4.1)	(12.7)
Transfer in respect of depreciation on revalued operational		( <b>7</b> A)		
properties Increase in market value of investments	7.3 33.1	(7.3)	33.1	9.5
increase in market value of investments			33.1	
Balance 31 July	553.7	199.0	752.7	723.7
			2005	2004
4 Reconciliation of consolidated operating surplus / (deficit) to no	et cash		£m	£m
outflow from operating activities			4.0	Restated
Surplus / (deficit) on continuing operations			1.8 38.6	(8.1)
Depreciation of fixed tangible assets Amortisation of goodwill			38.6 0.6	36.8 0.6
Deferred capital grants released to income			(20.3)	(16.9)
(Surplus) / deficit on disposal of tangible fixed assets			_	(2.8)
Investment income			(40.9)	(36.8)
Pension cost less contributions payable (see note 20)			1.0	(0.2)
			(19.2)	(27.4)
Decrease in stock			0.1	0.2
(Decrease) / increase in debtors Increase / (decrease) in creditors			(22.9) 1.4	24.3
increase (decrease) in creditors			1,4	(1.1)
Net cash outflow from operating activities			(40.6)	(4.0)

25 Capital expenditure and financial investment	2005 £m	2004 £m
	žIII	Restated
Purchase of tangible fixed assets	(107.2)	(106.9)
Donations for buildings and other deferred capital grants received	79.5	78.3
Proceeds of disposal of tangible fixed assets	_	3.8
Net sale / (purchase) of long-term investments (excluding investments		
held on behalf of others)	20.7	(36.3)
New endowments received	12.3	29.9
Net cash inflow / (outflow) from capital expenditure and financial investment	5.3	(31.2)

#### 26 Analysis of the balances of cash and bank overdraft

Group	Group	University	University
2005	2004	2005	2004
£m	£m	£m	£m
	Restated		Restated
(3.7)	(7.7)	(3.7)	(7.6)
1.1	5.2	0.1	4.2
6.1	5.4	0.8	1.4
3.5	2.9	(2.8)	(1.4)
11.1	14.1	_	2.3
37.6	29.3	37.7	30.0
52.2	46.3	34.9	30.9
	2005 £m (3.7) 1.1 6.1 3.5 11.1 37.6	2005 £m £m Restated (3.7) (7.7) 1.1 5.2 6.1 5.4  3.5 2.9  11.1 14.1  37.6 29.3	2005     2004     2005       £m     £m     £m       Restated     (3.7)     (7.7)     (3.7)       1.1     5.2     0.1       6.1     5.4     0.8       3.5     2.9     (2.8)       11.1     14.1     -       37.6     29.3     37.7

The bank overdraft includes cheques totalling £7.9m (2004: £9.6m) which have been drawn but not presented against the University's bank account as at 31 July. The management of cash resources provides for a transfer of funds from short term deposits to meet cheques as and when they are presented.

27 Capital commitments	2005 £m	2004 £m
Commitments contracted at 31 July	58.6	Restated 80.1
Authorised but not contracted at 31 July		

Of the capital expenditure committed at 31 July 2005, approximately 75% (2004: 80%) will be funded by specific grants and donations.

The two principal pension schemes for the University's staff are the Universities Superannuation Scheme (USS) and the Cambridge University Assistants' Contributory Pension Scheme (CPS). Employees covered by the schemes are contracted out of the State Second Pension. The assets of the schemes are held in separate trustee-administered funds. The USS and the CPS are not closed, nor is the age profile of their active membership rising significantly.

The schemes are defined benefit schemes which are valued every three years using the projected unit method, by professionally qualified actuaries, the rates of contribution payable being determined by the trustees on the advice of the actuaries.

#### USS

It is not possible to identify each institution's share of underlying assets and liabilities of the scheme, and therefore contributions are accounted for as if it were a defined contribution scheme in accordance with FRS 17. The assumptions and other data that have the most significant effect on the determination of the contribution levels are as follows:

Latest actuarial valuation	March 2002
Investment returns per annum	5.00%
Salary scale increases per annum	3.70%
Pension increases per annum	2.70%
Market value of assets at date of last valuation	£19,938m
Proportion of members' accrued benefits covered by the actuarial value of the assets	101%

The USS has advised participating institutions that an actuarial valuation of the scheme has been carried out as at 31 March 2005. A preliminary summary of the main results has been made available, pending publication of the actuary's report in early 2006. As at 31 March 2005 the assets of the scheme were 77% of the accrued liabilities, based on projected pensionable salaries with a past service deficit of £6.568 billion. The USS has advised institutions that the contribution rate will be maintained at current levels and will be subject to review at the next actuarial valuation, which is due to take place at 31 March 2008.

The CPS was established under the authority of the Universities of Oxford and Cambridge Act 1923. It has been approved by the Inland Revenue Savings, Pensions, Share Schemes under Chapter I of Part XIV of the Income & Corporation Taxes Act 1988. The active members of the scheme are employees of the University and its subsidiary undertakings.

#### Triennial valuation of the scheme

A full triennial valuation of the scheme was carried out by the actuary for the trustees of the scheme for funding purposes as at 31 July 2003. The results showed the actuarial value of the scheme's assets as £215,913,000. These were insufficient to cover the scheme's past service liabilities of £233,518,000 and as a result the scheme had a deficit of £17,605,000 and was 92% funded. Based on the advice of the actuary, the University and its subsidiary undertakings made additional lump sum contributions totalling £12,078,000 to the scheme during the year ended 31 July 2004. The joint contribution rate was increased to 22.5% of pensionable pay from 1 August 2004, at which it is expected to be maintained.

#### Pension costs under FRS 17

As explained in the principal accounting policies, the University has adopted FRS 17. For accounting purposes the scheme's assets are measured at market value and liabilities are valued using the projected unit method and discounted using the gross redemption yield for corporate AA rated bonds. The valuation uses market-based assumptions and asset valuations, and represents a current valuation. It does not impact on the joint contribution rate set by the trustees of the scheme. A full actuarial valuation for this purpose was carried out as at 31 July 2003 and has been updated to 31 July 2004 and 2005 by a qualified actuary. The principal assumptions used by the actuary were:

2005	2004	2003
5.00%	5.75%	5.70%
2.80%	3.00%	2.50%
3.60%	3.75%	3.50%
2.80%	3.00%	2.50%
2.80%	3.00%	2.50%
	5.00% 2.80% 3.60% 2.80%	5.00%       5.75%         2.80%       3.00%         3.60%       3.75%         2.80%       3.00%

The assets in the scheme and the expected rates of return were:

	31 July 2005		31 July 2004		31 July 2003	
Equities Bonds (including cash) Property	Expected long term rate of return 7.50% 4.70% 6.50%	Value £m 192.1 27.1 29.8	Expected long term rate of return 8.00% 5.00% 7.00%	Value £m 164.1 31.4 13.3	Expected long term rate of return 8.00% 4.70% 7.00%	Value £m 156.5 23.7 11.8
		249.0		208.8		192.0

#### 28 Pension schemes (continued)

#### **CPS** (continued)

The following results were measured in accordance with the requirements of FRS 17 and based on the assumptions summarised above:

Assets and liabilities at the balance sheet date Total market value of scheme assets as above Present value of scheme liabilities Net pension liability	2005 £m 249.0 (331.8) (82.8)	2004 £m 208.8 (279.4)	2003 £m 192.0 (245.9) (53.9)
The movement for the year in the net pension liability is reflected in note 20	).		
Analysis of the amount included in staff costs for the year Current service cost Life assurance premium Past service cost	2005 £m 11.1 - -	2004 £m 12.7	2003 £m
Total operating charge	11.1	12.7	
Analysis of the amount credited to endowment and investment income for the Expected return on pension scheme assets Interest on pension scheme liabilities  Net return	15.7 (16.0) (0.3)	14.6 (13.9) 0.7	
Analysis of the amount recognised in the statement of total recognised gains Actual return less expected return on pension scheme assets Experience gains and losses arising on the scheme liabilities Changes in assumptions underlying the present value of the scheme liabilities	and losses (S' 22.2 0.2 (33.1)	(1.2) (0.8) (15.4)	(5.0) (1.7) (4.3)
Actuarial loss recognised in the STRGL	(10.7)	(17.4)	(11.0)
These amounts are: As a percentage of scheme assets at the balance sheet date: Actual return less expected return on pension scheme assets	8.9%	(0.6%)	(2.6%)

The above results have been recognised in the consolidated balance sheet. The University is, however, unable to identify its own share of the underlying assets and liabilities in the scheme, as distinct from that attributable to subsidiary undertakings, on a reasonable and consistent basis. For the University itself, therefore, pension costs are accounted for as if CPS were a defined contribution scheme, and the University's own balance sheet does not include a pension liability.

0.1%

(3.2%)

(0.3%)

(6.2%)

(0.7%)

(4.5%)

As a percentage of the present value of the scheme liabilities at the balance sheet date:

Experience gains and losses arising on the scheme liabilities

Actuarial loss recognised in the STRGL

The University also has a smaller number of staff in other pension schemes, including the National Health Service Pension Scheme (NHSPS) and the RSA Examinations Board scheme (RSAEBS). Pension costs relating to RSAEBS are accounted for in accordance with FRS 17 as applied to a defined benefit scheme and the related pension liability is included in the consolidated balance sheet (see note 20). Further disclosures are not given as the balances and movements are not material.

	2005	2004
The total pension cost for the year (see note 7) was:	£m	£m
USS: contributions	23.5	22.4
CPS: charged to income and expenditure account	11.1	12.7
NHSPS: contributions	1.3	0.8
RSAEBS: charged to income and expenditure account	0.2	0.2
Contributions to other pension schemes	0.1	0.2
	36.2	36.3

#### 29 Principal subsidiary and associated undertakings and other significant investments

The following undertakings were wholly-owned subsidiary undertakings throughout the year ended 31 July 2005. Except where stated, the accounting reference date is 31 July and the undertaking is a company registered in England and Wales.

Name Cambridge Manufacturing Industry Links Limited	Notes	Principal activity Consultancy and commercial exploitation of intellectual property
Cambridge University Environmental Projects Limited Cambridge University Technical Services Limited	1	Environmental projects Consultancy and commercial exploitation of intellectual property
Challenge Fund Trading Company Limited		Providing funds to promote the transfer of research to business
Fitzwilliam Museum Enterprises Limited	a	Publication of fine art books and sale of museum merchandise
Lynxvale Limited		Provision of construction and development services
The Cambridge Foundation	b	Fund raising
The University of Cambridge Challenge Fund Limited		Providing funds to promote the transfer of research to business
Associated Trusts Cambridge Overseas Trust Cambridge Commonwealth Trust Gates Cambridge Trust Cambridge European Trust Malaysian Commonwealth Studies Centre in Cambrid	b ge	Provision of scholarships, grants and other support for the education of overseas students in the University
Cambridge Assessment subsidiary undertakings Cambridge Examinations Inc Mill Wharf Limited Oxford and Cambridge International Assessment	c d	Examination services Training and Consultancy
Services Limited Oxford Cambridge and RSA Examinations RSA Examinations Board		Assessment services Examination and assessment services Assessment services
Sandonian Properties Limited		Property Holding
The West Midlands Examinations Board		Examination services

- Fitzwilliam Museum Enterprises Limited has an accounting reference date of 31 January for commercial reasons. The effect of this is not material to the consolidated accounts.
- The Cambridge Foundation and the Associated Trusts are exempt charities established by trust deeds.
- Cambridge Assessment subsidiary undertakings have an accounting reference date of 30 September for commercial reasons.
  - For these undertakings the consolidation is based on interim financial statements to 31 July 2005.
- Cambridge Examinations Inc is a United States non-stock non-profit corporation.

The University has interests in a number of spin-out companies formed to exploit intellectual property rights or inventions. These are included at valuation in fixed asset investments (see note 14) and endowment asset investments (note 15). In some cases the University's interest amounts to 20% or more of the share capital, and these companies are listed below. As the University does not exercise a significant influence over these investments and they are not intended to be held for the long-term, they are not accounted for as associated undertakings. Other undertakings where the University's investment amounts to 20% or more are also listed below. These are not accounted for as associated undertakings as the effect on the financial statements would not be material.

#### 29 Principal subsidiary and associated undertakings and other significant investments (continued)

Name	% interest	Principal Activity
Ampika Limited	27	Commercial exploitation of intellectual property
Bluegnome Limited	22	Commercial exploitation of intellectual property
Cambridge Flow Solutions Limited	20	Commercial exploitation of intellectual property
Cambridge in America	22	Fund raising
Cambridge Lab-on-Chip Limited	32	Commercial exploitation of intellectual property
Camfridge Limited	33	Commercial exploitation of intellectual property
Coolanalgesia Limited	20	Commercial exploitation of intellectual property
Genapta Limited	31	Commercial exploitation of intellectual property
Markready Limited	22	Research and development
Metalysis Limited	33	Commercial exploitation of intellectual property
Microbial Technics Limited	23	Commercial exploitation of intellectual property
Smart Holograms Limited	33	Commercial exploitation of intellectual property
The CRISP Consortium Limited	45	Commercial exploitation of intellectual property
Vivamer Limited	58	Commercial exploitation of intellectual property

In addition, the University is one of two equal members of Cambridge-MIT Institute Limited (CMI), a joint venture company limited by guarantee whose principal activity is the support of research and educational programmes. At 31 July 2005 and 2004 CMI had nil net assets. In the year ended 31 July 2005 it funded expenditure of £17.05m (2003/04: £17.2m) and its profit after tax was nil (2003/04: nil) During the year CMI reimbursed the University £9.5m (2003/04: £8.1m) for expenditure incurred on projects. As at 31 July 2005 the University was owed £1.74m (2004: £1.5m) by CMI.

#### 30 Related party transactions

In accordance with FRS 8 the University is not required to disclose the transactions and balances between its group undertakings, which have been eliminated on consolidation.

The Cambridge University Press Syndicate (CUP) is a body established and regulated by University Statute. During the year ended 31 July 2004, CUP transferred a total of £11.4m to the University, which was included in:

	2005	2004
Other in come	£m	£m
Other income Permanent endowments received	_	0.3 7.5
Deferred capital grants		3.6
		11.4

During the year the University purchased printing services from CUP in connection with its examination and assessment services totalling £8.7m  $(2003/04 \pm 8.9m)$ . This is included in other operating expenses.

#### 31 Colleges

There are 30 Colleges and one Approved Society (the Colleges) each of which is an independent corporation with its own property and income. The individual audited accounts of the Colleges, in a form specified by the University, are published in the *Cambridge University Reporter*.

During the year payments were made by the University from HEFCE funding in respect of the College fees of publicly-funded undergraduates of £30.1m (2003/04: £30.1m). These payments are included as "Payments to Colleges" in note 8 above. The University also made payments in respect of the College fees of postgraduate students totalling £2.2m (2003/04 £1.8m). These payments are included in other operating expenses.

The Cambridge Foundation distributed third party donations to the Colleges totalling £2.8m (2003/04: £5.8m). The payments are not included in the consolidated income and expenditure account.

During the year the University provided services to the Colleges including in respect of telephone and data networks for which the Colleges paid a total of £2.2m (2003/04 £1.9m), and the Colleges provided accommodation, catering and other services to the University for which the University paid a total of £5.6m (2003/04 £5.7m).

Colleges fund	2005 £000	2004 £000
Balance at 1 August	30	34
Contributions received from Colleges Interest earned	2,618 30	2,725 21
Payments to Colleges	(2,620)	(2,750)
Balance at 31 July included in creditors	58	30

The Colleges Fund is administered by the University on behalf of the Colleges, who make all contributions to and receive all allocations from the Fund. The transactions on the Colleges Fund are not included in the income and expenditure account.

32 HEFCE Access funds	2005 £000	2004 £000
Funding Council grants Interest earned	575 9	577 4
Disbursed to students	584 (584)	581 (581)
Balance unspent at 31 July		

Funding Council grants are available for students: the University acts only as paying agent. The grants and related disbursements are therefore excluded from the income and expenditure account.

33 TTA Minority Ethnic Recruitment grants	2005	2004
	£000	£000
TTA grants	16	24
Disbursed to students	(16)	(24)
Balance unspent at 31 July		