

**Design and build
accessible PDF tables**

Sample tables

Table 1

Column header (TH) Column header (TH) Column header (TH)

Row header (TH) Data cell (TD) Data cell (TD)

Row header(TH) Data cell (TD) Data cell (TD)

Table 2: example of footnotes referenced from within a table

Expenditure by function £ million		2009/10	2010/11¹
Policy functions	Financial	22.5	30.57
	Information 2	10.2	14.8
	Contingency	2.6	1.2
	Agency services³	44.7	35.91
	Payments	22.41	19.88
Remunerated functions			
	Banking	22.90	44.23
	Other	12.69	10.32

(1) Provisional total as of publication date.

(2) Costs associated with on-going information programmes.

(3) From the management accounts, net of recoveries, including interest charges.

Table 3: "film credits" style layout

Main character Daniel Radcliffe

Sidekick 1 Rupert Grint

Sidekick 2 Emma Watson

Lovable ogre Robbie Coltrane

Professor Maggie Smith

Headmaster Richard Harris

Table 4: table 3 with column headers added

Role	Actor
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Main character	Daniel Radcliffe
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Sidekick 1	Rupert Grint
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Sidekick 2	Emma Watson
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Lovable ogre	Robbie Coltrane
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Professor	Maggie Smith
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Headmaster	Richard Harris
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Table 5: year-end financial statement (£, thousands)

	2010	2009	2008
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Non-current assets			
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Property	345	445	222
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Investment	567	654	423
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Intangibles	423	123	453
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Current assets			
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Trade and other receivables	435	634	231
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Cash and cash equivalents	524	123	482
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Other	223	211	254
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Table 6: a table with a more serious headings problem

Rainfall (inches)	Americas	Asia	Europe	Africa
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2010				
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Average	104	201	193	144
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24 hour high	15	26	27	18
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12 hour high	9	10	11	12
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2009				
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Average	133	244	155	166
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24 hour high	27	28	29	20
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12 hour high	11	12	13	16
--------------	----	----	----	----

Table 7: year-end statement, non-current assets (£, thousands)

Non-current assets 2010 2009 2008

Property	345	445	222
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Investment	567	654	423
-------------------	-----	-----	-----

Intangibles	423	123	453
--------------------	-----	-----	-----

Table 8: year-end statement, current assets (£, thousands)

Current assets	2010	2009	2008
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Trade and other receivables	435	634	231
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Cash and cash equivalents	524	123	482
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Other	223	211	254
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Table 9: rainfall by continent, 2009

Rainfall (inches)	Americas	Asia	Europe	Africa
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Average	133	244	155	166
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24 hour high	27	28	29	20
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12 hour high	11	12	13	16
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Table 10: self-contained year-end statement (£, thousands) (multiple layout problems)

	2011	2010 restated
General income	250,000	200,000

Increase in value, WIP	15,000	30,000
	265,000	230,000

Administrative costs

Staff costs	(200,000)	(150,000)
Early departures	(10,000)	(20,000)
Other	(25,000)	(10,000)
Depreciation	(10,000)	(10,000)

Programme costs

Impairment loss	(10,000)	(5,000)
Other	(5,000)	(5,000)
	(260,000)	(200,000)

Surplus	5,000	30,000
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Table 11: self-contained year-end statement (£, thousands) (multiple problems resolved)

		2011	2010 restated
	General income	250,000	200,000
Income	Increase in value	15,000	30,000
	TotalTotalTotalincome	265,000	230,000

Administrative costs	Staff costs	(200,000)	(150,000)
	Early departures	(10,000)	(20,000)
	Other operating costs	(25,000)	(10,000)
	Depreciation	(10,000)	(10,000)
	Impairment loss	(10,000)	(5,000)
Programme costs	Other	(5,000)	(5,000)
	Total costs	Total costs	Total costs
	costs	costs	Total costs
		(260,000)	(200,000)
Surplus		5,000	30,000

Table 12: merged data cells are not recommended

2008		2009	
Name	Yes	No	Yes
			No
Bob	2	5	6
			7
Sue	3	8	4
			7
Sam	[data relating to both columns in a single cell spanning both]		[data relating to both columns in a single cell spanning both]

Table 13: use of graphic symbols

Question	Respondent A	Respondent B	Respondent C
Are you a UK citizen?	}	}	}

Are you currently employed? } { }

Do you have a driving licence? } { }

Table 14: symbols replaced by real text

Question	Respondent A	Respondent B	Respondent C
Are you a UK citizen?	No	Yes	No
Are you currently employed?	Yes	No	Yes
Do you have a driving licence?	No	No	Yes

Table 15: courses offered by Institution X. A = Bachelor of Science, B = Bachelor of Arts, C = Masters, D = Doctorate, E = Diploma

	2006	2007	2008	2009
Economics	A, B	A, C	A, B	A, C
International relations	A, E	A, E	A, B	A, E
Philosophy	A	A	A	A, D
Politics	A, D	A, D	A, D	A
Mathematics	B, C	B	A, E	A, B
English	A, C	A, B	A, B	C

Table 16: Masters courses offered by Institution X

2006 2007 2008 2009

Economics	No	Yes	Yes	Yes
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International relations	No	No	No	No
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Philosophy	No	No	No	No
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Politics	No	No	No	No
-----------------	----	----	----	----

Mathematics	Yes	No	No	No
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English	Yes	Yes	Yes	Yes
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Table 17: accounts, 2011 (£, thousands)

Accounting item	2011
General income	200,000
Income	
Increase in value, WIP	30,000
Income subtotal	230,000
Staff	150,000
Early departures	20,000
Administrative costs	
Other operating costs	10,000
Depreciation	10,000
Impairment loss	10,000
Programme costs	
Costs subtotal	200,000

Balance	30,000
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Table 18: accounts, 2011 (£, thousands)

Accounting item	2011
General income	200,000
Income	Increase in value, WIP 30,000
Income subtotal	230,000
Staff	(150,000)
Early departures	(20,000)
Administrative costs	
Other operating costs	(10,000)
Depreciation	(10,000)
Impairment loss	(10,000)
Programme costs	
Costs subtotal	(200,000)
Balance	30,000

Table 19: Human Development Index (HDI) trends, 1980 to 2010. Source: Barro-Lee March, 2010

Country	1980	1990	2000	2010
Afghanistan	0.78	1.48	2.16	3.33
Albania	8.89	9.67	9.89	10.38

Algeria 4.74 3.33 5.50 7.24

Andorra 4.98 5.63 9.09 10.35

Angola - - 4.42 4.42

Table 20: footnotes referenced from within a table

Expenditure by function £million		2009/10	2010/11
	Financial	22.5	30.57
Policy functions	Information²	10.2	14.8
	Contingency	2.6	1.2
	Agency services³	44.7	35.91
	Payments	22.41	19.88
Remunerated functions			
	Banking	22.90	44.23
	Other	12.69	10.32

(1) Provisional total as of publication date.

(2) Costs associated with on-going information programmes.

(3) From the management accounts, net of recoveries and including interest charges

Table 21: footnotes replaced by additional table summary text

Expenditure by function £million		2009/10	2010/11
Policy functions	Financial	22.5	30.57

	Information	10.2	14.8
	Contingency	2.6	1.2
	Agency services	44.7	35.91
	Payments	22.41	19.88
Remunerated functions			
	Banking	22.90	44.23
	Other	12.69	10.32

Table 22: referencing multiple endnotes from within a table

Expenditure £m	Notes (Notes located on page [n])	2010	2011
Information	1	10.2	14.8
Contingency		2.6	1.2
Payments	3	22.41	19.88
Banking services	4	22.90	44.23
Interest		0.23	0.10
Dividends	23	2.5	3.68
Other	9	12.69	10.32

Table 23: simulated table created using tabs and containing no structure

2008	2009
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Name Entered Completed Entered Completed

Bob 22 21 20 19

Sue 44 12 12 10

Table 24: year-end financial statement (£, thousands)

2010 2009 2008

Non-current assets

Buildings 345 445 222

Investment 567 654 423

Intangibles 423 123 453

Current assets

Trade 435 634 231

Cash 524 123 482

Other 223 211 254

Current liabilities

Trade liabilities 154 125 421

Financial debt 231 474 572

Provisions 111 312 347

Table 25: setting column and row scope via the tags panel

	2008		2009	
Name	Entered	Won	Entered	Won
Bob	22	21	20	19
Sue	44	12	12	10
Sam	16	4	45	30

Table 26: courses offered by Institution X. A = Bachelor of Science, B = Bachelor of Arts, C = Masters, D = Doctorate, E = Diploma

	2006	2007	2008	2009
Economics	A, B	A, C	A, C	A, C
International relations	A, E	A, E	A, B	A, B
Philosophy	A	A	A	A
Politics	A, D	A, D	A, B	A
Mathematics	B, C	B	A, B	A, B
English	A, C	A, B	A, B	A, C

Table 27: “table” with columns simulated by using tab stops

Name	Apples	Pears
Bob Scott	20	25
Susan. P. Arnold-Jones, BA, FRSA, MD	24	15

Table 28: year-end financial table (£, thousands) – headings problem revisited

	2010	2009	2008
Non-current assets			
Buildings	345	445	222
Investment	567	654	423
Intangibles	423	123	453
Current assets			
Trade	435	634	231
Cash	524	123	482
Other	223	211	254
Current liabilities			
Trade liabilities	154	125	421
Financial debt	231	474	572
Provisions	111	312	347

Table 29: multiple headers attributes for each data cell

South America Asia Africa Australia

2010

Highest average 523.6 467.4 405.0 340.5

Highest in 24 hours 73.1 54.1 27.2 66.3

Highest in 12 hours 42.4 30.1 15.9 40.3

2009

Highest average 487.7 453.6 398.7 356

Highest in 24 hours 67.2 53.2 44.3 53.8

Highest in 12 hours 34.7 34.1 29.8 31.0

2008

Highest average 496.7 444.3 502.1 399.6

Highest in 24 hours 44.2 56.7 32.1 63.2

Highest in 12 hours 30.1 32.7 21.9 40.2