

# **Aviva Annuity UK Limited**

Registered office: 2 Rougier Street, York, YO90 1UU

Annual PRA Insurance Returns for the year ended 31 December 2013

Returns under the Accounts and Statements Rules

Index to Appendices 9.1, 9.3, 9.4 and 9.6 of IPRU (INS)						
Name of insurer	Aviva Annuity UK Limited					
Global Business						
Financial year ended	31st December 2013					

Analysis of derivative contracts

# Contents

17

Forms		Page
IPRU (INS) Apper	ndix 9.1	
2	Statement of solvency – long-term insurance business	1
3	Components of capital resources	3
13	Analysis of admissible assets	6
14	Long-term insurance business liabilities and margins	12
15	Liabilities (other than long-term insurance business)	13
16	Profit and loss account (non-technical account)	14

15

# IPRU (INS) Appendix 9.3

40	Revenue account	16
41	Analysis of premiums long-term insurance business:	17
42	Analysis of claims	18
43	Analysis of expenses	19
46	Summary of new business	20
47	Analysis of new business	21
48	Assets not held to match linked liabilities	26
49	Fixed and variable interest assets	27
50	Summary of mathematical reserves	28
51	Valuation summary of non-linked contracts (other than accumulating with-profits contracts)	29
54	Valuation summary of index linked contracts	38
56	Index linked business	46
57	Analysis of valuation interest rates	47
58	Distribution of surplus	48
60	Long-term insurance capital requirement	49
Supplementary	notes	50
IPRU (INS) Appe	endix 9.4	
	Valuation report	57
IPRU (INS) 9.29	and 9.30	
	Statement on derivatives required by IPRU (INS) 9.29	67
	Statement on controllers required by IPRU (INS) 9.30	68
Certificate by th	e directors and report of the auditors – IPRU (INS) Appendix 9.6	
	Certificate by the directors required by IPRU (INS) 9.34(1)	69
	Independent auditor's report to the directors pursuant to IPRU (INS) 9.35	70

# Statement of solvency - long-term insurance business

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2013

Solo solvency calculation

	GL/UK/CM	F day	Period en month	ded year	units	
R2	3253948	GL	31	12	2013	£000
			at end nancial		As at e the pre yea	vious
			1		2	

Capital resources			
Capital resources arising within the long-term insurance fund	11	902342	670512
Capital resources allocated towards long-term insurance business arising outside the long-term insurance fund	12	1104318	814137
Capital resources available to cover long-term insurance business capital resources requirement (11+12)	13	2006660	1484649
Guarantee fund			
Guarantee fund requirement	21	354012	407957
Excess (deficiency) of available capital resources to cover guarantee fund requirement	22	1652648	1076692
Minimum capital requirement (MCR)			
Long-term insurance capital requirement	31	1062037	1223870
Resilience capital requirement	32	61700	43000
Base capital resources requirement	33	3146	2984
Individual minimum capital requirement	34	1123737	1266870
Capital requirements of regulated related undertakings	35		
Minimum capital requirement (34+35)	36	1123737	1266870
Excess (deficiency) of available capital resources to cover 50% of MCR	37	1324559	696076
Excess (deficiency) of available capital resources to cover 75% of MCR	38	1163857	534496
Enhanced capital requirement			
With-profits insurance capital component	39		
Enhanced capital requirement	40	1123737	1266870
Capital resources requirement (CRR)			
Capital resources requirement (greater of 36 and 40)	41	1123737	1266870

Capital resources requirement (greater of 36 and 40)	41	1123737	1266870
Excess (deficiency) of available capital resources to cover long-term insurance business CRR (13-41)	42	882923	217779

Contingent liabilities	-	
Quantifiable contingent liabilities in respect of long-term insurance business as shown in a supplementary note to Form 14	51	

Returns under the Accounts and Statements Rules

Covering page to Form 2Name of insurerAviva Annuity UK LimitedGlobal business31st December 2013

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**D B BARRAL** Chief Executive

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C J ABRAHAMS Director

.....

J R LISTER Director

March 2014

# **Components of capital resources**

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2013

			Company registration number		n GL/UK/CM		Period end month	ed year	units
	Γ	R3	32539	48	GL	day 31	12	2013	£000
			al insurance isiness		ong-term ince business	of this	at the end financial /ear	of the	at the end previous ear
			1		2		3		4
Core tier one capital									
Permanent share capital	11				758000		758000		50000
Profit and loss account and other reserves	12				1440122		1440122		1663489
Share premium account	13				750		750		750
Positive valuation differences	14								
Fund for future appropriations	15								
Core tier one capital in related undertakings	16								
Core tier one capital (sum of 11 to 16)	19				2198872		2198872		1714239
Tier one waivers									
Unpaid share capital / unpaid initial funds and calls for supplementary contributions	21								
Implicit items	22								
Tier one waivers in related undertakings	23								
Total tier one waivers as restricted (21+22+23)	24								
Other tier one capital	-								
Perpetual non-cumulative preference shares as restricted	25								
Perpetual non-cumulative preference shares in related undertakings	26								
Innovative tier one capital as restricted	27								
Innovative tier one capital in related undertakings	28								
Total tier one capital before deductions (19+24+25+26+27+28)	31				2198872		2198872		1714239
Investments in own shares	32								
Intangible assets	33								
Amounts deducted from technical provisions for discounting	34								
Other negative valuation differences	35				312444		312444		384728
Deductions in related undertakings	36								
Deductions from tier one (32 to 36)	37				312444		312444		384728
Total tier one capital after deductions (31-37)	39				1886428		1886428		1329511

# **Components of capital resources**

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2013

B2		Company registration number GL/UK			month	year	units
RJ	R3 3253948		GL	31	12	2013	£000
			Long-term insurance business 2		at the end financial ear 3	of the p ye	at the end previous ear <b>4</b>

Tier two capital				
Implicit items, (tier two waivers and amounts excluded from line 22)	41			
Perpetual non-cumulative preference shares excluded from line 25	42			
Innovative tier one capital excluded from line 27	43			
Tier two waivers, innovative tier one capital and perpetual non-cumulative preference shares treated as tier two capital (41 to 43)	44			
Perpetual cumulative preference shares	45			
Perpetual subordinated debt and securities	46	200000	200000	200000
Upper tier two capital in related undertakings	47			
Upper tier two capital (44 to 47)	49	200000	200000	200000

Fixed term preference shares	51		
Other tier two instruments	52		
Lower tier two capital in related undertakings	53		
Lower tier two capital (51+52+53)	59		

Total tier two capital before restrictions (49+59)	61	200000	200000	200000
Excess tier two capital	62			
Further excess lower tier two capital	63			
Total tier two capital after restrictions, before deductions (61-62-63)	69	200000	200000	200000

# **Components of capital resources**

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2013

Company registration number			GL/UK/CM	F day	Period end month	led year	units
R3	3 3253948		948 GL		12	2013	£000
	l insurance siness 1		ong-term nce business <b>2</b>	of this	at the enc financial ⁄ear 3	of the	at the end previous ear <b>4</b>

Total capital resources				
Positive adjustments for regulated non-insurance related undertakings	71			
Total capital resources before deductions (39+69+71)	72	2086428	2086428	1529511
Inadmissible assets other than intangibles and own shares	73	79768	79768	44862
Assets in excess of market risk and counterparty limits	74			
Deductions for related ancillary services undertakings	75			
Deductions for regulated non-insurance related undertakings	76			
Deductions of ineligible surplus capital	77			
Total capital resources after deductions (72-73-74-75-76-77)	79	2006660	2006660	1484649

# Available capital resources for GENPRU/INSPRU tests

Available capital resources for guarantee fund requirement	81	2006660	2006660	1484649
Available capital resources for 50% MCR requirement	82	1886428	1886428	1329511
Available capital resources for 75% MCR requirement	83	2006660	2006660	1484649

#### Financial engineering adjustments

Implicit items	91		
Financial reinsurance – ceded	92		
Financial reinsurance – accepted	93		
Outstanding contingent loans	94		
Any other charges on future profits	95		
Sum of financial engineering adjustments (91+92-93+94+95)	96		

Global business

Financial year ended 31st December 2013

Category of assets

### Total other than Long-term insurance business assets

		Company registration number	GL/UK/CM	da	Period en y month	ded year	units	Category of assets
	R13	3253948	GL	3	1 12	2013	£000	1
					As at end financia			end of the ous year
					1			2
Land and buildings				11				

# Investments in group undertakings and participating interests

LIK inguranga danandanta	shares	21		
UK insurance dependants	debts and loans	22		
Other incurance dependents	shares	23		
Other insurance dependants	debts and loans	24		
Non insurance dependente	shares	25		
Non-insurance dependants	debts and loans	26		
Other group undertakings	shares	27		
	debts and loans	28	182264	193300
Participating interests	shares	29		
r anticipating interests	debts and loans	30		

#### Other financial investments

Equity shares				
Other shares and other variable yield participations				
Holdings in collective investmen	t schemes	43	102301	100154
Rights under derivative contracts	3	44		
	Approved	45	117461	220589
Fixed interest securities	Other	46		
Approved		47		
Variable interest securities	Other	48		
Participation in investment pools		49		
Loans secured by mortgages		50		
Loans to public or local authorition	es and nationalised industries or	51		
Loans secured by policies of ins	urance issued by the company	52		
Other loans				
Bank and approved credit & One month or less withdrawal		54		
financial institution deposits More than one month withdrawal		55		
Other financial investments		56		

Global business

Financial year ended 31st December 2013

Category of assets

# Total other than Long-term insurance business assets

			Company registration number	GL/UK/CM	/ da		riod enc month	led year	units	Category of assets
		R13	3253948	GL	3	1	12	2013	£000	1
						-	at end nancia	l of this I year		end of the ous year
							1			2
Deposits with ceding undertakin	gs				57					
Assets held to match linked	Index linke	d			58					
liabilities	Property li	nked			59					

# **Reinsurers' share of technical provisions**

Provision for unearned premiums	60	
Claims outstanding	61	
Provision for unexpired risks	62	
Other	63	

#### Debtors and salvage

Direct incurance business	Policyholders	71		
Direct insurance business	Intermediaries	72		
Salvage and subrogation recover	ries	73		
Reinsurance	Accepted	74		
Reinsurance	Ceded	75		
Dependente	due in 12 months or less	76		
Dependants	due in more than 12 months	77		
Other	due in 12 months or less	78	148632	1347
	due in more than 12 months	79		

#### Other assets

Г

Tangible assets	80		
Deposits not subject to time restriction on withdrawal with approved institutions	81	581008	314357
Cash in hand	82		
Other assets (particulars to be specified by way of supplementary note)	83		
Accrued interest and rent	84	1605	2574
Deferred acquisition costs (general business only)	85		
Other prepayments and accrued income	86		

Deductions from the aggregate value of assets	87		
	•		
Grand total of admissible assets after deduction of admissible assets in excess of market risk and counterparty limits (11 to 86 less 87)	89	1133271	832321

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Global business

Financial year ended 31st December 2013

Category of assets

# Total other than Long-term insurance business assets

Company registration <u>Period ended</u> number GL/UK/CM day month year					units	Category of assets	
R13	3253948	GL	31	12	2013	£000	1
			A	As at end of this financial year			end of the ous year
				1			2

# Reconciliation to asset values determined in accordance with the insurance accounts rules or international accounting standards as applicable to the firm for the purpose of its external financial reporting

Total admissible assets after deduction of admissible assets in excess of market risk and counterparty limits (as per line 89 above)	91	1133271	832321
Admissible assets in excess of market and counterparty limits	92		
Inadmissible assets directly held	93	472	542
Capital resources requirement deduction of regulated related undertakings	94		
Ineligible surplus capital and restricted assets in regulated related insurance undertakings	95		
Inadmissible assets of regulated related undertakings	96		
Book value of related ancillary services undertakings	97		
Other differences in the valuation of assets (other than for assets not valued above)	98		
Deferred acquisition costs excluded from line 89	99		
Reinsurers' share of technical provisions excluded from line 89	100		
Other asset adjustments (may be negative)	101	(472)	
Total assets determined in accordance with the insurance accounts rules or international accounting standards as applicable to the firm for the purpose of its external financial reporting (91 to 101)	102	1133271	832863

Amounts included in line 89 attributable to debts due from related insurers, other than those under contracts of insurance or reinsurance	103	

Global business

Financial year ended 31st December 2013

Category of assets

#### Total Long-term insurance business assets

		Company registration number GL/UK/CM			Period en y month	ded year	units	Category of assets
	R13	3253948	GL	3	1 12	2013	£000	10
					As at end financia			end of the ous year
			_		1	1 2		
Land and buildings				11		5814		6640

# Investments in group undertakings and participating interests

LIK inguranga danandanta	shares	21		
UK insurance dependants	debts and loans	22		
Other insurance dependents	shares	23		
Other insurance dependants	debts and loans	24		
Non insurance dependents	shares	25		
Non-insurance dependants	debts and loans	26		
Other group undertakings	shares	27		
Other group undertakings	debts and loans	28	226926	195115
Participating interests	shares	29		
	debts and loans	30		

# Other financial investments

Equity shares		41		
Other shares and other variable	e yield participations	42		
Holdings in collective investme	nt schemes	43	137455	111003
Rights under derivative contrac	ts	44	47450	
Fixed interest securities	Approved	45	1990126	1951011
Fixed interest securities	Other	46	9230370	9079965
Variable interest securities	Approved	47	38899	143115
variable interest securities	Other	48	250316	150842
Participation in investment poo	ls	49		
Loans secured by mortgages		50	13874308	15052569
Loans to public or local authori undertakings	ties and nationalised industries or	51		
Loans secured by policies of in	surance issued by the company	52		
Other loans		53	553270	243977
Bank and approved credit &	One month or less withdrawal	54	6900	
financial institution deposits More than one month withd		55	35779	14637
Other financial investments		56		

Global business

Financial year ended 31st December 2013

Category of assets

Total Long-term insurance business assets

			Company registration number	GL/UK/C	M da	Period e ay month		units	Category of assets
		R13	3253948	GL	3	1 12	2013	£000	10
									end of the ous year
							1		2
Deposits with ceding undertaking	gs				57				
Assets held to match linked	Index linke	ed			58		4194857		4053131
liabilities	Property li	nked			59				

# **Reinsurers' share of technical provisions**

Provision for unearned premiums	60	
Claims outstanding	61	
Provision for unexpired risks	62	
Other	63	

#### Debtors and salvage

Direct insurance business	Policyholders	71	4129	4379
Direct insurance business	Intermediaries	72	32	12
Salvage and subrogation recove	ries	73		
Reinsurance	Accepted	74		
Reinsulance	Ceded	75	1136	
Dependente	due in 12 months or less	76		
Dependants	due in more than 12 months	77		
Other	due in 12 months or less	78	208959	199716
	due in more than 12 months	79	9006	525

#### Other assets

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Tangible assets	80		
Deposits not subject to time restriction on withdrawal with approved institutions	81	909587	318846
Cash in hand	82		
Other assets (particulars to be specified by way of supplementary note)	83		
Accrued interest and rent	84	195615	221956
Deferred acquisition costs (general business only)	85		
Other prepayments and accrued income	86		29

Deductions from the aggregate value of assets	87		
	-		
Grand total of admissible assets after deduction of admissible assets in excess of market risk and counterparty limits (11 to 86 less 87)	89	31920934	31747468

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Global business

Financial year ended 31st December 2013

Category of assets

#### Total Long-term insurance business assets

_					Period en month	ded year	units	Category of assets
	R13	3253948	GL	31	12	2013	£000	10
					As at end of this financial year			end of the ous year
					1			2

# Reconciliation to asset values determined in accordance with the insurance accounts rules or international accounting standards as applicable to the firm for the purpose of its external financial reporting

Total admissible assets after deduction of admissible assets in excess of market risk and counterparty limits (as per line 89 above)	91	31920934	31747468
Admissible assets in excess of market and counterparty limits	92		
Inadmissible assets directly held	93	79296	12120
Capital resources requirement deduction of regulated related undertakings	94		
Ineligible surplus capital and restricted assets in regulated related insurance undertakings	95		
Inadmissible assets of regulated related undertakings	96		
Book value of related ancillary services undertakings	97		
Other differences in the valuation of assets (other than for assets not valued above)	98		
Deferred acquisition costs excluded from line 89	99		
Reinsurers' share of technical provisions excluded from line 89	100	4062876	401609
Other asset adjustments (may be negative)	101	(91109)	(8324
Total assets determined in accordance with the insurance accounts rules or international accounting standards as applicable to the firm for the purpose of its external financial reporting (91 to 101)	102	35971997	32152873

Amounts included in line 89 attributable to debts due from related insurers, other than those under contracts of insurance or reinsurance	103		
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# Long-term insurance business liabilities and margins

Name of insurer	Aviva Annuity UK Limited
Global business	
Financial year ended	31st December 2013
Fund	Total Long-term insurance business
Units	£000

			As at the end of this financial year	As at the end of the previous year
			1	2
Mathematical reserves, after distribution	on of surplus	11	26550935	30596775
Cash bonuses which had not been pai	d to policyholders prior to end of the financial year	12		
Balance of surplus / (valuation deficit)		13	902342	670512
Long term insurance business fund ca	rried forward (11 to 13)	14	27453277	31267287
	Gross	15		
Claims outstanding	Reinsurers' share	16		
	Net (15-16)	17		
5	Taxation	21		
Provisions	Other risks and charges	22		
Deposits received from reinsurers		23	3930455	
	Direct insurance business	31	66468	129612
Creditors	Reinsurance accepted	32		
	Reinsurance ceded	33	3539	2158
5	Secured	34		
Debenture loans	Unsecured	35		
Amounts owed to credit institutions		36		
0	Taxation	37		
Creditors	Other	38	467195	348411
Accruals and deferred income		39		
Provision for "reasonably foreseeable	adverse variations"	41		
Total other insurance and non-insurance liabilities (17 to 41)			4467657	480181
Excess of the value of net admissible a	assets	51		
Total liabilities and margins		59	31920934	31747468

Amounts included in line 59 attributable to liabilities to related companies, other than those under contracts of insurance or reinsurance	61	133367
Amounts included in line 59 attributable to liabilities in respect of property linked benefits	62	

Total liabilities (11+12+49)	71	31018592	31076956
Increase to liabilities – DAC related	72		
Reinsurers' share of technical provisions	73	4062876	401609
Other adjustments to liabilities (may be negative)	74	(403553)	(425252)
Capital and reserves and fund for future appropriations	75	1294082	1099560
Total liabilities under insurance accounts rules or international accounting standards as applicable to the firm for the purpose of its external financial reporting (71 to 75)	76	35971997	32152873

# Liabilities (other than long-term insurance business)

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2013

			Company registration number	GL/UK/C		Period en month	ded year	units
		R15	3253948	GL	31	12	2013	£000
			1		As at the this fina year	ncial	As at the the pre	evious ar
Technical provisions (gross amount)					1		2	<u>.</u>
Provision for unearned premiums				11				
Claims outstanding				12				
Provision for unexpired risks				13				
·····	Cred	dit business		14				
Equalisation provisions		er than cred	it business	15				
Other technical provisions	1.000			16				
Total gross technical provisions (11 to 16)				19				
Provisions and creditors				₽				
	Таха	ation		21				
Provisions	Othe	er risks and	charges	22				
Deposits received from reinsurers			-	31				
	Dire	ct insurance	business	41				
Creditors	Reir	nsurance ac	cepted	42				
	Reir	nsurance ce	ded	43				
	Sec	ured		44				
Debenture loans	Uns	ecured		45				
Amounts owed to credit institutions	I			46				
	Таха	ation		47		9006		
Creditors	Fore	eseeable div	ridend	48				
	Othe	er		49		19947		18184
Accruals and deferred income				51				
Total (19 to 51)				59		28953		18184
Provision for "reasonably foreseeable adverse variatio	ons"			61				
Cumulative preference share capital				62				
Subordinated loan capital				63	2	200000		200000
Total (59 to 63)				69	2	228953		218184
Amounts included in line 69 attributable to liabilities to under contracts of insurance or reinsurance	related	insurers, oth	ner than those	71				
Amounts deducted from technical provisions for discou	untina			82				
Other adjustments (may be negative)	9			83		(472)		

Other adjustments (may be negative)	83	(472)	
Capital and reserves	84	904790	614679
Total liabilities under insurance accounts rules or international accounting standards as applicable to the firm for the purpose of its external financial reporting (69-82+83+84)	85	1133271	832863

# Profit and loss account (non-technical account)

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2013

			Company registration number	GL/UK/C	:M day	Period er A day month		units
		R16	3253948	GL	31	12	2013	£000
					This fin yea		Prev	rious ar
					1			2
Transfer (to) / from	From Form 20			11				
the general insurance business technical account	Equalisation provisio	ons		12				
Transfer from the long term insurance b	usiness revenue acco	unt		13		(449988)		
	Income			14		13511		14088
Investment income	Value re-adjustment	s on investr	nents	15		40769		
	Gains on the realisation of investments 1							11
	Investment manager interest	ment charge	es, including	17		13300		13333
Investment charges	Value re-adjustments on investments			18				3012
	Loss on the realisation of investments			19		98		
Allocated investment return transferred insurance business technical account	to the general			20				
Other income and charges (particulars t specified by way of supplementary note				21				
Profit or loss on ordinary activities befor (11+12+13+14+15+16-17-18-19-20+21				29		(409106)		(2246)
Tax on profit or loss on ordinary activitie	S			31		8712		(464)
Profit or loss on ordinary activities after	tax (29-31)			39		(417818)		(1782)
Extraordinary profit or loss (particulars to specified by way of supplementary note				41				
Tax on extraordinary profit or loss				42				
Other taxes not shown under the preced	ling items			43				
Profit or loss for the financial year (39+4	1-(42+43))			49		(417818)		(1782)
Dividends (paid or foreseeable)				51				
Profit or loss retained for the financial ye	ear (49-51)			59		(417818)		(1782)

# Analysis of derivative contracts

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2013

Category of assets

# Total Long-term insurance business assets

			Company registration			eriod en	ded		Category of
			number	GL/UK/CM	day	month year		units	assets
		R17	3253948	GL	31	12	2013	£000	10
			Value as a of this fina			Noti	ional amou of this fin		
Derivative contract	S		Assets	Liabilitie	es	Bought / Long		Sol	d / Short
			1	2			3		4
	Fixed-interest securities	11							
	Interest rates	12	278979	2	15849		3138885		1970684
	Inflation	13	(744)		73363		75000		6451
	Credit index / basket	14							
Futures and	Credit single name	15	14840		12770		697000		88700
contracts	Equity index	16							
for differences	Equity stock	17							
	Land	18							
	Currencies	19	70736		36569				71757
	Mortality	20							
	Other	21							
	Swaptions	31							
	Equity index calls	32							
In the money	Equity stock calls	33							
options	Equity index puts	34							
	Equity stock puts	35							
	Other	36							
	Swaptions	41							
	Equity index calls	42							
Out of the money	Equity stock calls	43							
options	Equity index puts	44							
	Equity stock puts	45							
	Other	46							
otal (11 to 46)		51	363811	3	38551		3910885		363977
Adjustment for varia	tion margin	52	(316361)	(2	87546)				
Γotal (51 + 52)		53	47450		51005				

THE NOTIONAL AMOUNTS IN COLUMNS 3 AND 4 ARE NOT A MEASURE OF EXPOSURE. Please see instructions 11 and 12 to this Form for the meaning of these figures

# Long-term insurance business: Revenue account

Name of insurerAviva Annuity UK LimitedName and number of fund/SummaryTotal Long-term insurance businessFinancial year ended31st December 2013Units£000

Financial year	Previous year
1	2

Income			
Earned premiums	11	(1724319)	3058343
Investment income receivable before deduction of tax	12	1719444	1553032
Increase (decrease) in the value of non-linked assets brought into account	13	(2264161)	(27276)
Increase (decrease) in the value of linked assets	14		
Other income	15		
Total income	19	(2269036)	4584099

# Expenditure

Claims incurred	21	1897324	1778147
Expenses payable	22	104950	179792
Interest payable before deduction of tax	23	1694	1600
Taxation	24	(9006)	15
Other expenditure	25		
Transfer to (from) non technical account	26	(449988)	
Total expenditure	29	1544974	1959554

Business transfers-in	31		
Business transfers-out	32		
Increase (decrease) in fund in financial year (19-29+31-32)	39	(3814010)	2624545
Fund brought forward	49	31267287	28642742
Fund carried forward (39+49)	59	27453277	31267287

# Long-term insurance business: Analysis of premiums

Name of insurer	Aviva Annuity UK Limited
Total business / subfund	Total Long-term insurance business
Financial year ended	31st December 2013
Units	£000

		UK Life 1	UK Pension 2	Overseas 3	Total Financial year <b>4</b>	Total Previous year <b>5</b>
Gross						
Regular premiums	11					
Single premiums	12	65046	2303112	44161	2412319	3200933

# Reinsurance - external

Regular premiums	13				
Single premiums	14	20	138177	138197	142590

# Reinsurance - intra-group

Regular premiums	15					
Single premiums	16	58072	3871286	69083	3998441	

# Net of reinsurance

Regular premiums	17					
Single premiums	18	6954	(1706351)	(24922)	(1724319)	3058343

#### Total

Gross	19	65046	2303112	44161	2412319	3200933
Reinsurance	20	58092	4009463	69083	4136638	142590
Net	21	6954	(1706351)	(24922)	(1724319)	3058343

# Long-term insurance business: Analysis of claims

Name of insurer	Aviva Annuity UK Limited
Total business / subfund	Total Long-term insurance business
Financial year ended	31st December 2013
Units	£000

		UK Life	UK Pension	Overseas	Total Financial year	Total Previous year
		1	2	3	4	5
Gross						
Death or disability lump sums	11		589		589	338
Disability periodic payments	12					
Surrender or partial surrender	13	2010	14050		16060	10327
Annuity payments	14	32159	1964452	33724	2030335	1921312
Lump sums on maturity	15					
Total	16	34169	1979091	33724	2046984	1931977

#### **Reinsurance - external**

Death or disability lump sums	21				
Disability periodic payments	22				
Surrender or partial surrender	23				
Annuity payments	24	1025	134364	135389	139203
Lump sums on maturity	25				
Total	26	1025	134364	135389	139203

# Reinsurance - intra-group

Death or disability lump sums	31			
Disability periodic payments	32			
Surrender or partial surrender	33			
Annuity payments	34	14271	14271	14627
Lump sums on maturity	35			
Total	36	14271	14271	14627

# Net of reinsurance

Total	46	33144	1830456	33724	1897324	1778147
Lump sums on maturity	45					
Annuity payments	44	31134	1815817	33724	1880675	1767482
Surrender or partial surrender	43	2010	14050		16060	10327
Disability periodic payments	42					
Death or disability lump sums	41		589		589	338

# Long-term insurance business: Analysis of expenses

Name of insurer	Aviva Annuity UK Limited
Total business / subfund	Total Long-term insurance business
Financial year ended	31st December 2013
Units	£000

		UK Life	UK Pension	Overseas	Total Financial year	Total Previous year
		1	2	3	4	5
Gross						
Commission - acquisition	11	1913	15033	48	16994	48144
Commission - other	12					
Management - acquisition	13	757	38459		39216	59801
Management - maintenance	14	514	40279		40793	54731
Management - other	15	3272	4675		7947	17116
Total	16	6456	98446	48	104950	179792

#### **Reinsurance - external**

Commission - acquisition	21			
Commission - other	22			
Management - acquisition	23			
Management - maintenance	24			
Management - other	25			
Total	26			

# Reinsurance - intra-group

Commission - acquisition	31			
Commission - other	32			
Management - acquisition	33			
Management - maintenance	34			
Management - other	35			
Total	36			

# Net of reinsurance

Commission - acquisition	41	1913	15033	48	16994	48144
Commission - other	42					
Management - acquisition	43	757	38459		39216	59801
Management - maintenance	44	514	40279		40793	54731
Management - other	45	3272	4675		7947	17116
Total	46	6456	98446	48	104950	179792

# Long-term insurance business: Summary of new business

Name of insurer	Aviva Annuity UK Limited
Total business	
Financial year ended	31st December 2013
Units	£000

UK Life	UK Pension	Overseas	Total Financial year	Total Previous year
1	2	3	4	5

# Number of new policyholders / scheme members for direct insurance business

Regular premium business	11							
Single premium business	12	286	39732	497	40515	61658		
Total	13	286	39732	497	40515	61658		

#### Amount of new regular premiums

Direct insurance business	21			
External reinsurance	22			
Intra-group reinsurance	23			
Total	24			

#### Amount of new single premiums

Direct insurance business	25	15575	2303112	37202	2355889	3150385
External reinsurance	26					
Intra-group reinsurance	27	49471		6959	56430	50548
Total	28	65046	2303112	44161	2412319	3200933

Form 47 (Sheet 1)

Name of insurerAviva Annuity UK LimitedTotal businessFinancial year ended31st December 2013Units£000

UK Life / Direct insurance business

		Regular prem	ium business	Single premium business		
Product code number	Product description	Number of policyholders / scheme members	Amount of premiums	Number of policyholders / scheme members	Amount of premiums	
1	2	3	4	5	6	
395	Annuity non-profit (PLA)			286	15575	

Name of insurerAviva Annuity UK LimitedTotal businessFinancial year ended31st December 2013Units£000

UK Life / Reinsurance accepted intra-group

		Regular prem	ium business	Single premi	um business
Product code number	Product description	Number of policyholders / scheme members	Amount of premiums	Number of policyholders / scheme members	Amount of premiums
1	2	3	4	5	6
395	Annuity non-profit (PLA)				49471

Name of insurerAviva Annuity UK LimitedTotal businessFinancial year ended31st December 2013Units£000

UK Pension / Direct insurance business

		Regular prem	ium business	Single premi	um business
Product code number	Product description	Number of policyholders / scheme members	Amount of premiums	Number of policyholders / scheme members	Amount of premiums
1	2	3	4	5	6
390	Deferred annuity non-profit			161	25136
400	Annuity non-profit (CPA)			25959	1418275
401	Annuity non-profit (bulk transfer)			1086	70114
405	Annuity non-profit (CPA impaired life)			9571	462145
905	Index linked annuity (CPA)			746	39694
906	Index linked annuity (bulk transfer)			1852	226907
907	Index linked deferred annuity			357	60841

Name of insurerAviva Annuity UK LimitedTotal business31st December 2013Units£000

Overseas / Direct insurance business

		Regular prem	nium business	Single premi	um business
Product code number	Product description	Number of policyholders / scheme members	Amount of premiums	Number of policyholders / scheme members	Amount of premiums
1	2	3	4	5	6
390	Deferred annuity non-profit			5	365
395	Annuity non-profit (PLA)			449	16999
401	Annuity non-profit (bulk transfer)			39	19772
905	Index linked annuity (CPA)			4	66

Form 47 (Sheet 5)

Name of insurer	Aviva Annuity UK Limited
Total business	
Financial year ended	31st December 2013
Units	£000

Overseas / Reinsurance accepted intra-group

		Regular prem	nium business	Single premi	um business
Product code number	Product description	Number of policyholders / scheme members	Amount of premiums	Number of policyholders / scheme members	Amount of premiums
1	2	3	4	5	6
395	Annuity non-profit (PLA)				6959

# Long-term insurance business: Assets not held to match linked liabilities

Form	48
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Name of insurer	Aviva Annuity UK Limited
Financial year ended	31st December 2013
Category of assets	Total Long-term insurance business assets
Units	£000

Unadjusted assets	Economic exposure	Expected income from assets in column 2	Yield before adjustment	Return on assets in financial year
1	2	3	4	5

# Assets backing non-profit liabilities and non-profit capital requirements

non-pront capital requirements	_					
Land and buildings	11	5814	5814	492	8.73	
Approved fixed interest securities	12	2017104	2017104	68235	4.22	
Other fixed interest securities	13	9398857	9398857	649683	4.37	
Variable interest securities	14	290480	290480	11110	3.97	
UK listed equity shares	15					
Non-UK listed equity shares	16					
Unlisted equity shares	17					
Other assets	18	16013822	16013822	1206441	5.98	
Total	19	27726077	27726077	1935961	5.29	

# Assets backing with-profits liabilities and with-profits capital requirments

with-profits capital requiments			 	
Land and buildings	21			
Approved fixed interest securities	22			
Other fixed interest securities	23			
Variable interest securities	24			
UK listed equity shares	25			
Non-UK listed equity shares	26			
Unlisted equity shares	27			
Other assets	28			
Total	29			

#### Overall return on with-profits assets

Post investment costs but pre-tax	31			
Return allocated to non taxable 'asset shares'	32			
Return allocated to taxable 'asset shares'	33			

# Long-term insurance business: Fixed and variable interest assets

Form 4
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Name of insurer	Aviva Annuity UK Limited
Financial year ended	31st December 2013
Category of assets	Total Long-term insurance business assets
Units	£000

		Value of assets	Mean term	Yield before adjustment	Yield after adjustment
		1	2	3	4
UK government approved fixed interest securities	11	571106	18.90	3.57	3.57
Other approved fixed interest securities	21	1445998	12.68	4.48	4.20
Other fixed interest securities					
AAA/Aaa	31	477300	10.12	4.02	3.81
AA/Aa	32	1723327	11.18	4.01	3.67
A/A	33	3907625	10.93	4.62	4.09
BBB/Baa	34	3026090	7.32	4.13	3.15
BB/Ba	35	123835	4.69	3.34	1.07
B/B	36	64700	6.15	6.67	0.45
CCC/Caa	37	304	4.43	21.82	
Other (including unrated)	38	75676	13.36	10.24	2.45
Total other fixed interest securities	39	9398857	9.68	4.36	3.62
Approved variable interest securities	41	39052	15.39	3.52	3.49
	· ·				
Other variable interest securities	51	251428	18.11	4.04	3.61
Total (11+21+39+41+51)	61	11706441	10.70	4.33	3.69

# Long-term insurance business: Summary of mathematical reserves

Name of insurer	Aviva Annuity UK Limited
Total business / subfund	Total Long-term insurance business
Financial year ended	31st December 2013
Units	£000

UK Life	UK Pension	Overseas	Total Financial Year	Total Previous Year
1	2	3	4	5

Gross						
Form 51 - with-profits	11					
Form 51 - non-profit	12	437317	25489440	517164	26443921	26912790
Form 52	13					
Form 53 - linked	14					
Form 53 - non-linked	15					
Form 54 - linked	16					
Form 54 - non-linked	17	8807	4237181	10459	4256447	4110978
Total	18	446124	29726621	527623	30700368	31023768

# Reinsurance - external

Form 51 - with-profits	21					
Form 51 - non-profit	22	2583	81757	3359	87699	112625
Form 52	23					
Form 53 – linked	24					
Form 53 - non-linked	25					
Form 54 – linked	26					
Form 54 - non-linked	27	2837	58753		61590	57847
Total	28	5420	140510	3359	149289	170472

# Reinsurance - intra-group

Form 51 - with-profits	31					
Form 51 - non-profit	32	54342	3357219	64226	3475787	256521
Form 52	33					
Form 53 – linked	34					
Form 53 - non-linked	35					
Form 54 – linked	36					
Form 54 - non-linked	37	746	522304	1307	524357	
Total	38	55088	3879523	65533	4000144	256521

#### Net of reinsurance

Form 51 - with-profits	41					
Form 51 - non-profit	42	380392	22050464	449579	22880435	26543644
Form 52	43					
Form 53 – linked	44					
Form 53 - non-linked	45					
Form 54 – linked	46					
Form 54 - non-linked	47	5224	3656124	9152	3670500	4053131
Total	48	385616	25706588	458731	26550935	30596775

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**

£000

Units

# UK Life / Gross

Product code number 1	Product description 2	Number of policyholders / scheme members 3	Amount of benefit	Amount of annual office premiums 5	Nominal value of units 6	Discounted value of units 7	Other liabilities	Amount of mathematical reserves 9
395	Annuity non-profit (PLA)	6322	31482		n/a	n/a	n/a	427222
400	Annuity non-profit (CPA)	2279	934		n/a	n/a	n/a	9776
440	Additional reserves non-profit OB				n/a	n/a	n/a	319

Form 51 (Sheet 1)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**
- Units **£000**

#### UK Life / Reinsurance ceded external

Product code number 1	Product description 2	Number of policyholders / scheme members 3	Amount of benefit	Amount of annual office premiums 5	Nominal value of units 6	Discounted value of units 7	Other liabilities 8	Amount of mathematical reserves 9
395	Annuity non-profit (PLA)		800		n/a	n/a	n/a	2582
400	Annuity non-profit (CPA)				n/a	n/a	n/a	1

Form 51 (Sheet 2)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**
- Units **£000**

#### UK Life / Reinsurance ceded intra-group

Product code number 1	Product description 2	Number of policyholders / scheme members 3	Amount of benefit	Amount of annual office premiums 5	Nominal value of units 6	Discounted value of units 7	Other liabilities	Amount of mathematical reserves 9
395	Annuity non-profit (PLA)		3835		n/a	n/a	n/a	53080
400	Annuity non-profit (CPA)		117		n/a	n/a	n/a	1222
440	Additional reserves non-profit OB				n/a	n/a	n/a	40

Form 51 (Sheet 3)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**

£000

Units

# UK Pension / Gross

Product code number 1	Product description 2	Number of policyholders / scheme members 3	Amount of benefit	Amount of annual office premiums 5	Nominal value of units 6	Discounted value of units 7	Other liabilities 8	Amount of mathematical reserves 9
390	Deferred annuity non-profit	600	4807		n/a	n/a	n/a	84192
400	Annuity non-profit (CPA)	755973	1743000		n/a	n/a	n/a	22810005
405	Annuity non-profit (CPA impaired life)	37513	120101		n/a	n/a	n/a	1749917
440	Additional reserves non-profit OB				n/a	n/a	n/a	845326

Form 51 (Sheet 4)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**
- Units **£000**

#### UK Pension / Reinsurance ceded external

Product code number 1	Product description 2	Number of policyholders / scheme members 3	Amount of benefit	Amount of annual office premiums 5	Nominal value of units 6	Discounted value of units 7	Other liabilities 8	Amount of mathematical reserves 9
400	Annuity non-profit (CPA)		7188		n/a	n/a	n/a	25345
405	Annuity non-profit (CPA impaired life)		65426		n/a	n/a	n/a	56412

Form 51 (Sheet 5)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**

Units **£000** 

#### UK Pension / Reinsurance ceded intra-group

Product code number 1	Product description 2	Number of policyholders / scheme members 3	Amount of benefit	Amount of annual office premiums 5	Nominal value of units 6	Discounted value of units 7	Other liabilities	Amount of mathematical reserves 9
390	Deferred annuity non-profit		601		n/a	n/a	n/a	10524
400	Annuity non-profit (CPA)		232758		n/a	n/a	n/a	3029341
405	Annuity non-profit (CPA impaired life)		6834		n/a	n/a	n/a	211688
440	Additional reserves non-profit OB				n/a	n/a	n/a	105666

Form 51 (Sheet 6)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**

£000

Units

### Overseas / Gross

Product code number 1	Product description	Number of policyholders / scheme members 3	Amount of benefit	Amount of annual office premiums	Nominal value of units 6	Discounted value of units 7	Other liabilities	Amount of mathematical reserves 9
390	Deferred annuity non-profit	1	7	-	n/a	n/a	n/a	109
	Annuity non-profit (PLA)	3298	13930		n/a	n/a	n/a	199055
400	Annuity non-profit (CPA)	7504	22035		n/a	n/a	n/a	313611
405	Annuity non-profit (CPA impaired life)	110	234		n/a	n/a	n/a	3578
440	Additional reserves non-profit OB				n/a	n/a	n/a	811

Form 51 (Sheet 7)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**
- Units **£000**

#### **Overseas / Reinsurance ceded external**

Product code number 1	Product description	Number of policyholders / scheme members 3	Amount of benefit	Amount of annual office premiums	Nominal value of units 6	Discounted value of units 7	Other liabilities	Amount of mathematical reserves 9
395	Annuity non-profit (PLA)		101		n/a	n/a	n/a	1441
400	Annuity non-profit (CPA)				n/a	n/a	n/a	164
405	Annuity non-profit (CPA impaired life)		127		n/a	n/a	n/a	1754

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**

Units **£000** 

#### Overseas / Reinsurance ceded intra-group

Product code number 1	Product description	Number of policyholders / scheme members 3	Amount of benefit	Amount of annual office premiums	Nominal value of units 6	Discounted value of units 7	Other liabilities	Amount of mathematical reserves 9
		ů – Č		Ŭ				
390	Deferred annuity non-profit		1		n/a	n/a	n/a	14
395	Annuity non-profit (PLA)		1729		n/a	n/a	n/a	24702
400	Annuity non-profit (CPA)		2754		n/a	n/a	n/a	39181
405	Annuity non-profit (CPA impaired life)		13		n/a	n/a	n/a	228
440	Additional reserves non-profit OB				n/a	n/a	n/a	101

Form 51 (Sheet 9)

Name of insurer	Aviva Annuity UK Limited

£000

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**

Units

### UK Life / Gross

Product code number 1	Product description 2	Number of policyholders / scheme members 3	Amount of benefit <b>4</b>	Amount of annual office premiums 5	Nominal value of units 6	Discounted value of units 7	Other liabilities 8	Amount of mathematical reserves 9
905	Index linked annuity (CPA)	29	1061				8798	8798
915	Additional reserves index linked						9	9

## Form 54 (Sheet 1)

Name of insurer	Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**
- Units **£000**

### UK Life / Reinsurance ceded external

Form 54 (Sheet 2)

Product code number 1	Product description 2	Number of policyholders / scheme members <b>3</b>	Amount of benefit <b>4</b>	Amount of annual office premiums <b>5</b>	Nominal value of units <b>6</b>	Discounted value of units <b>7</b>	Other liabilities <b>8</b>	Amount of mathematical reserves <b>9</b>
905	Index linked annuity (CPA)		543				2837	2837

Name of insurer	Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**
- Units **£000**

### UK Life / Reinsurance ceded intra-group

Form 54 (Sheet 3)

Product code number 1	Product description 2	Number of policyholders / scheme members 3	Amount of benefit <b>4</b>	Amount of annual office premiums 5	Nominal value of units <b>6</b>	Discounted value of units <b>7</b>	Other liabilities <b>8</b>	Amount of mathematical reserves 9
905	Index linked annuity (CPA)		65				745	745
915	Additional reserves index linked						1	1

Name of insurer	Aviva Annuity UK Limited
-----------------	--------------------------

£000

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**

Units

### UK Pension / Gross

Product code		Number of policyholders /	Amount of	Amount of annual	Nominal value	Discounted	Other	Amount of mathematical
number	Product description	scheme members		office premiums	of units	value of units	liabilities	reserves
1	2	3	4	5	6	7	8	9
905	Index linked annuity (CPA)	41771	169021				3856103	3856103
907	Index linked deferred annuity	3312	21991				378786	378786
915	Additional reserves index linked						2292	2292

Form 54 (Sheet 4)

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**
- Units **£000**

### UK Pension / Reinsurance ceded external

Form 54	
(Sheet 5)	

Product code number 1	Product description 2	Number of policyholders / scheme members 3	Amount of benefit <b>4</b>	Amount of annual office premiums 5	Nominal value of units 6	Discounted value of units <b>7</b>	Other liabilities 8	Amount of mathematical reserves 9
905	Index linked annuity (CPA)		2923				58753	58753

Name of insurer	Aviva Annuity UK Limited
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- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**
- Units **£000**

#### UK Pension / Reinsurance ceded intra-group

Form 54
(Sheet 6)

Product code number 1	Product description	Number of policyholders / scheme members 3	Amount of benefit <b>4</b>	Amount of annual office premiums 5	Nominal value of units 6	Discounted value of units 7	Other liabilities 8	Amount of mathematical reserves 9
905	Index linked annuity (CPA)		20762	-			474669	474669
907	Index linked deferred annuity		2749				47348	47348
915	Additional reserves index linked						287	287

Name of insurer	Aviva Annuity UK Limited
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£000

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**

Units

### Overseas / Gross

Product code number 1	Product description 2	Number of policyholders / scheme members 3	Amount of benefit <b>4</b>	Amount of annual office premiums 5	Nominal value of units 6	Discounted value of units <b>7</b>	Other liabilities 8	Amount of mathematical reserves 9
905	Index linked annuity (CPA)	162	426				10283	10283
000								
	Index linked deferred annuity	4	10				161	161

Name of insurer	Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2013**
- Units **£000**

#### Overseas / Reinsurance ceded intra-group

Form 54
(Sheet 8)

Product code number 1	Product description	Number of policyholders / scheme members 3	Amount of benefit <b>4</b>	Amount of annual office premiums 5	Nominal value of units 6	Discounted value of units 7	Other liabilities 8	Amount of mathematical reserves 9
905	Index linked annuity (CPA)		53				1285	1285
907	Index linked deferred annuity		1				20	20
915	Additional reserves index linked						2	2

### Long-term insurance business: index linked business

Name of insurer	Aviva Annuity UK Limited
Total business	
Financial year ended	31st December 2013
Units	£000

		Value of assets	Mean term
		1	2
Analysis of assets			
Approved variable interest securities	11	891995	15.39
Other variable interest securities	12	986632	13.73
Approved fixed interest securities	13	84848	12.00
Other fixed interest securities	14	2040301	11.06
Cash and deposits	15		
Equity index derivatives	16		
Inflation swaps	17	(26175)	
Other assets	18	223376	
Variation margin	19	(6120)	
Total (11 to 19)	20	4194857	
Credit rating of other fixed interest and other variable interest securities			
AAA/Aaa	31	193551	6.93
AA/Aa	32	288808	11.79
A/A	33	2054174	13.20
BBB/Baa	34	458853	9.27
BB/Ba	35	31547	0.04
B/B	36		
CCC/Caa	37		
Other (including unrated)	38		
Total other fixed interest and other variable interest securities	39	3026933	11.93

### Long-term insurance business - analysis of valuation interest rate

Name of insurer	Aviva Annuity UK Limited
Total business / subfund	Total Long-term insurance business
Financial year ended	31st December 2013
Units	£000

Product Group	Net mathematical reserves	Net valuation interest rate	Gross valuation interest rate	Risk adjusted yield on matching assets
1	2	3	4	5
UK L&GA NP Form 51	380114	4.71	4.71	4.85
UK Pens NP Form 51	21310802		4.71	4.85
OS L&GA NP Form 51	448870	4.71	4.71	4.85
UK L&GA NP Form 54	5215	0.27	0.27	0.39
UK Pens NP Form 54	3654119		0.27	0.39
OS L&GA NP Form 54	9139	0.27	0.27	0.39
Miscellaneous	742676			
TOTAL	26550935	n/a	n/a	n/a

### Long-term insurance business: distribution of surplus

Name of insurer	Aviva Annuity UK Limited
Total business / subfund	Total Long-term insurance business
Financial year ended	31st December 2013
Units	£000

Financial year	Previous year
1	2

Valuation result			
Fund carried forward	11	27453277	31267287
Bonus payments in anticipation of a surplus	12		
Transfer to non-technical account	13		
Transfer to other funds / parts of funds	14		
Subtotal (11 to 14)	15	27453277	31267287
Mathematical reserves	21	26550935	30596775
Surplus including contingency and other reserves held towards the capital requirements (deficiency) (15-21)	29	902342	670512

### Composition of surplus

Balance brought forward	31	670512	800000
Transfer from non-technical account	32	449988	
Transfer from other funds / parts of fund	33		
Surplus arising since the last valuation	34	(218158)	(129488)
Total	39	902342	670512

### Distribution of surplus

Bonus paid in anticipation of a surplus	41		
Cash bonuses	42		
Reversionary bonuses	43		
Other bonuses	44		
Premium reductions	45		
Total allocated to policyholders (41 to 45)	46		
Net transfer out of fund / part of fund	47		
Total distributed surplus (46+47)	48		
Surplus carried forward	49	902342	670512
Total (48+49)	59	902342	670512

## Percentage of distributed surplus allocated to policyholders

Current year	61	
Current year - 1	62	
Current year - 2	63	
Current year - 3	64	

### Long-term insurance capital requirement

Form 60

Name of insurer	Aviva Annuity UK Limited
Global business	
Financial year ended	31st December 2013
Units	£000

LTICR factor	Gross reserves / capital at risk	Net reserves / capital at risk		LTICR Financial year	LTICR Previous year
1	2	3	4	5	6

#### Insurance death risk capital component

Life protection reinsurance	11	0.0%			
Classes I (other), II and IX	12	0.1%			
Classes I (other), II and IX	13	0.15%			
Classes I (other), II and IX	14	0.3%			
Classes III, VII and VIII	15	0.3%			
Total	16				

# Insurance health risk and life protection reinsurance capital component

Class IV, supplementary classes 1 and 2 and life protection reinsurance	21			

#### Insurance expense risk capital component

Life protection and permanent health reinsurance	31	0%					
Classes I (other), II and IX	32	1%	26443921	22880435	0.87	228804	265436
Classes III, VII and VIII (investment risk)	33	1%	4256447	3670500	0.86	36705	40531
Classes III, VII and VIII (expenses fixed 5 yrs +)	34	1%					
Classes III, VII and VIII (other)	35	25%					
Class IV (other)	36	1%					
Class V	37	1%					
Class VI	38	1%					
Total	39					265509	305967

### Insurance market risk capital component

Life protection and permanent health reinsurance	41	0%					
Classes I (other), II and IX	42	3%	26443921	22880435	0.87	686413	796309
Classes III, VII and VIII (investment risk)	43	3%	4256447	3670500	0.86	110115	121594
Classes III, VII and VIII (expenses fixed 5 yrs +)	44	0%					
Classes III, VII and VIII (other)	45	0%					
Class IV (other)	46	3%					
Class V	47	0%					
Class VI	48	3%					
Total	49		30700368	26550935		796528	917903
Long term insurance capital requirement	51					1062037	1223870

#### Supplementary notes

Name of insurer	Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2013

#### Code

#### 0201 Section 148 Waivers

#### Rate of interest 1066620

The Financial Services Authority, on the application of the firm, made a direction under section 148 of the Financial Services and Markets Act 2000 in September 2009. The effect of the direction is to modify the provisions of INSPRU 3.1.35R and IPRU(INS) Appendix 9.3 so that a more appropriate rate of interest will be used for assets taken in combination.

#### Counterparty Exposures 1528722

The Financial Services Authority, on the application of the firm, made a direction under section 148 of the Financial Services and Markets Act 2000 in October 2012. The effect of the direction is to modify the provisions of INSPRU 2.1.22R so that the exposure limits to unsecured debt and unsecured loans is (i) 5% if the exposures do not include public private finance contracts; and (ii) 8% if the exposures include public private finance contracts.

#### 0203 Quota share reinsurance

On 31 December 2013, the company entered into a Quota Share reinsurance arrangement with its immediate parent undertaking Aviva Life and Pensions UK Limited (UKLAP). Under the terms of the Quota Share, 12.5% of the Long Term Fund of the company has been reinsured to its immediate parent undertaking.

As part of this arrangement, the company paid a Reinsurance Premium of £3,998.4m to UKLAP, but £3,930.5m of the premium was immediately deposited back with the Company as collateral, with the liability for this recognised in Form 14 at line 23. Under the terms of the reinsurance, 12.5% of the investment returns arising from assets underlying the reinsurance will be ceded to UKLAP along with a corresponding share of future premiums and claims.

Included within this reinsurance are index linked liabilities of £524.4m, which have been reflected in Form 54 net of the Quota Share Reinsurance. As the assets backing the reinsurance have been deposited back with the company, the assets backing the index Linked Liabilities have been presented gross of the Quota Share Reinsurance in Form 13 at Line 58 and in Form 56.

#### 0301 Reconciliation of net admissible assets to total capital resources after deductions

		2013 £'000	2012 £'000
i)	Net admissible assets		
	Form 13 Line 89 (Long term business)	31,920,934	31,747,468
	Form 13 Line 89 (Other than long term business)	1,133,271	832,321
	Form 14 Lines 11, 12 and 49	(31,018,592)	(31,076,956)
	Form 15 Line 69	(228,953)	(218,184)
		1,806,660	1,284,649
ii)	Components of Capital resources that are treated as a liability	200,000	200,000
	Total i) to ii) above	2,006,660	1,484,649
	Form 3, line 79	2,006,660	1,484,649

Supplementary notes	
Name of insurer	Aviva Annuity UK Limited
Global business	
Financial year ended	31st December 2013

### Code

#### 0310 Calculation of valuation differences as required by instruction 9 to Form 3

		2013 £'000	2012 £'000
a)	Positive valuation differences in respect of assets where valuation in GENPRU and INSPRU exceeds the valuation that the firm uses for external financial reporting purposes	19,150	15,393
b)	Positive valuation differences in respect of liabilities where valuation in GENPRU and INSPRU is lower than the valuation that the firm uses for external financial reporting purposes		
	<ul> <li>Deferred tax provision</li> <li>Negative valuation differences in respect of liabilities where valuation in GENPRU and INSPRU exceeds the valuation that the firm uses</li> </ul>	81,038	115,701
C)	<ul> <li>for external financial reporting purposes</li> <li>Mathematical reserves</li> <li>Deposits received from reinsurers</li> </ul>	(411,702) (930)	(515,822)
	Net negative valuation difference included in line 35	(312,444)	(384,728)

#### 0313 Reconciliation of profit and loss account and other reserves

	2013 £'000	2012 £'000
Profit and loss account and other reserves at the end of the previous financial year (Form 3 Line 12 Column 4)	1,663,489	1,728,126
Profit retained for the financial year Loss arising in the long-term insurance fund that has not been transferred to the shareholder fund	- (223,367)	- (64,637)
Profit and loss account and other reserves at the end of this financial year (Form 3 Line 12 Column 3)	1,440,122	1,663,489

#### 1301 Aggregate values of assets

1308

The aggregate values of assets in Form 13 as specified below are:-

	Category 1 £m	Category 10 £m
Unlisted investments on line 46 and 48	-	1,658
Listed investments on lines 41, 46 and 48 which are not readily realisable Units in collective investment schemes that are not schemes falling within	-	-
the UCITS Directive or are not authorised unit trust schemes or recognised schemes within the meaning of Part XVII of the Act Reversionary interests or remainders in property other than land or	102	137
buildings	-	-

#### 1304 Amounts set off

1310

Amounts have been set off to the extent permitted by generally accepted accounting principles.

Supp	lementary	notes
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Name of insurer	Aviva Annuity UK Limited
Global business	
Financial vear ended	31st December 2013

Financial year ended

#### Code

1319

#### 1305 **Counterparty limits**

The investment guidelines operated by the Company specify exposure to counterparties by asset type as follows:-

#### Deposits

The maximum permitted exposure to counterparties is set out in the Investment Management Agreement with Aviva Investors Global Services Limited and approved by the Aviva Life Investment Committee. Each fund cannot hold more than 2% of funds under management (but subject to minimum of £20m and a maximum of £150m) with individual 'Tier 1' counterparties, 1.5% of funds under management (but subject to a minimum of £15m and a maximum of £100m) with individual 'Tier 2' counterparties and 0.5% of funds under management (but subject to a minimum of £10m and a maximum of £75m) with individual 'Tier 3' counterparties. Tier 1 represents AAA rated institutions, Tier 2 represents institutions rated AA- or better whilst Tier 3 represents institutions rated A- or better.

#### **Fixed income securities**

Exposure to non-government bonds is limited to holdings, which are deemed to be of a suitable investment grade determined by senior financial management. The maximum net exposure (measured by market value and including derivatives) to a single non-Government counterparty should not exceed £450m for AAA- rated, £300m for AA- rated, £220m for A- rated, £110m for BBB- rated and £6m for sub-IG. The Manager will report passive breaches (breaches caused by market movements) of these limits to the Client's Director of Investments.

#### **Commercial mortgages**

Gross capital exposure to any one commercial mortgage borrower should not to exceed 5% for companies or 0.8% for individuals of the Long Term Business amount without Fund authority to explicitly approve alternative limit.

#### 1306 **Counterparty exposure**

1312

#### Exposure to any one counterparty at the end of the financial year did not exceed 5% of the sum of the insurer's base capital resources requirement and its long-term insurance liabilities, excluding property linked liabilities and net of reinsurance ceded.

#### 1309 Hybrid securities

The aggregate value of hybrid securities is £128m

#### 1318 Other asset adjustments

Amounts included in Form 13 line 101 are analysed as follows.

2013	Category 1 £'000	Category 10 £'000
Gross up of derivatives		4,632
Revaluation of Aviva Loan from amortised cost to FV	-	(19,150)
Revaluation of tax from IFRS to PRA basis	(472)	(76,591)
Total	(472)	(91,109)

#### Supplementary notes

Name of insurer	Aviva Annuity UK Limited
Global business	
Financial year ended	31st December 2013

#### Code

2012	Category 1 £'000	Category 10 £'000
Gross up of derivatives	-	7,069
Revaluation of Aviva Loan from amortised cost to FV	-	(15,393)
Revaluation of tax from IFRS to PRA basis	-	-
Total	-	(8,324)

#### 1401 Provision for reasonably foreseeable adverse variations

1501

The methods and assumptions disclosed in the valuation report, under IPRU (INS) Appendix 9.4, appropriately allow for the determination of any adjustment or provision pursuant to GENPRU 1.3.30R to GENPRU 1.3.33R and INSPRU 3.2.17R to INPSRU 3.2.18R, together with a review by senior management of positions that are valued using third party valuations or by marking to model.

#### 1402 **Contingent liabilities**

1502

The Company has granted a floating charge to its parent Company, Aviva Life & Pensions UK Limited, in respect of the exposure to the funds withheld by the Company under the terms of a 12.5% quota share reinsurance agreement entered into on 31st December 2013. The charge, subordinate to policyholders, is issued over the long term business assets of the Company, excluding the financial investments of the bulk purchase annuity schemes and those providing cover for derivative transactions as required by regulatory reporting regulations.

The Company has also indemnified the overdrafts of certain other group companies.

Other than those noted above there are no additional charges over any assets of the Company or guarantees, indemnities or any other contractual commitments in respect of related companies.

There are no provisions for deferred tax liabilities and no potential liabilities for corporation tax on unrealised dains.

There are no contingent liabilities applicable to long term insurance business.

There are no other fundamental uncertainties.

#### 1404 Implicit provision required by INSPRU 3.2.17R(3)

The amount of implicit provision required by INSPRU 3.2.17R(3) included in line 38 is £338,550k.

#### 1405 Other adjustments to liabilities

Amounts included in Form 14 line 74 are analysed as follows.

	2013 £'000	2012 £'000
Adjustment to mathematical reserve	(411,702)	(515,822)
Adjustment to deferred tax – inadmissible	-	(32,200)
Adjustment to tax – valuation differences	4,447	115,701
Gross up of derivatives	4,632	7,069
Revaluation of deposit received from reinsurers	(930)	-
Total	(403,553)	(425,252)

#### Supplementary notes

Name of insurer	Aviva Annuity UK Limited
Global business	
Financial year ended	31st December 2013

#### Code

#### 1507 Other adjustments to liabilities

Amounts included in Form 15 line 83 are analysed as follows.

	2013	2012
	£'000	£'000
Adjustment to tax – valuation differences	(472)	-
Total	(472)	-

#### 1601 Rates of exchange

#### 4005

The Company conducts all its business in the UK and Offshore Islands. Currency swaps are in place in respect of all investments denominated in currencies other than Sterling.

#### 1700 Form omitted

No Category 1 Form 17 has been prepared on the basis that there are no derivative contracts for this category of assets.

#### 1701 Variation margin

The aggregate amount of any excess variation margin which has been received by the Company is £29k.

The variation margin is allocated as follows:

	2013	2012
	£'000	£'000
Form 13 line 44	(316,361)	(309,334)
Form 14 line 38	287,545	240,194

No amounts included on Forms 13 reflect the liability to repay any excess.

#### 4008 Management services

Management services have been provided throughout the financial year to the Company by Aviva Life Services UK Limited.

Investment management services have been provided by Aviva Investors Global Services Limited.

#### 4009 Related party transactions

Other than the quota share reinsurance arrangement referred to in note 0203 above, there were no other related party transactions during the year which exceeded 5% of the long-term insurance liabilities net of reinsurance ceded.

#### 4702 UK and overseas annuities

UK Life and Overseas new immediate annuities are all assumed to be 395 Annuity non-profit (PLA) contracts and not to arise as a result of any funds held within a pension arrangement.

Supplementary notes

Name of insurer	Aviva Annuity UK Limited
Global business	

Financial year ended **31st December 2013** 

#### Code

#### 4703 Apportionment between product codes

Where a policyholder holds a plan with both non-linked and index-linked benefits the policyholder count is assigned to column 5 for the index-linked product code. Where a policyholder holds more than one plan, the policyholder count is assigned to column 5 for each plan.

#### 4802 Expected interest

Expected interest from six debentures and a number of commercial and healthcare mortgages (approximately 4% of the UKCF mortgage portfolio by market value) currently in default is not included in column 3 of Form 48. The total expected interest is £33,773k (£3,904k debentures in default and £29,869k impaired mortgages).

The yield on these assets is not required to support the valuation basis rates of interest in Forms 51 and 57.

#### 4803 Redemption of securities

Where securities may be redeemed over a period at the option of the guarantor or the issuer, it has been assumed within the yield calculation that they will be redeemed at the earliest callable date. The value of the assets that contain this option is £360.171m.

#### 4804 Yield for assets line 18

The yield shown in column 4 for the following assets is significantly different from the weighted average of the yields for each asset of that type determined in accordance with INSPRU 3.1.34R(2) before any allowance for tax required by INSPRU 3.1.29R.

Yield

Deposits not subject to time restriction (Form 13 Line 81)	0.525% pa
Shares in non-insurance dependants (Form 13 Line 25)	Nil
Other debtors (Form 13 line 78)	Nil

# 4901 Credit rating 5601

The credit rating analysis on Forms 49 and 56 have been prepared using the second highest published rating of those provided by Standard & Poor's, Fitch, and Moody's.

Internally assigned ratings have been used for securities that are not rated by external agencies.

#### 5102 Number of policyholders

#### 5402

Where a policyholder holds a plan with both non-linked and index-linked benefits the policyholder count is assigned to column 3 for the index-linked product code. Where a policyholder holds more than one plan, the policyholder count is assigned to column 3 for each plan.

Supplementary notes

Name of insurer	Aviva Annuity UK Limited
Global business	
Financial year ended	31st December 2013

### Code

### 5705 Yields to which risk adjustment is applied

Form 57 Column 5 includes yields after risk adjustment, in accordance with INSPRU 3.1.35R.

The following table shows the yields to which the risk adjustment was applied (after the deduction of investment expense allowances):

	Risk adjusted yield on matching assets (Form 57 Column 5)	Yield before risk adjustment
UK L&GA NP Form 51	4.85	5.55
UK Pens NP Form 51	4.85	5.55
OS L&GA NP Form 51	4.85	5.55
UK L&GA NP Form 54	0.39	1.05
UK Pens NP Form 54	0.39	1.05
OS L&GA NP Form 54	0.39	1.05

Valuation report prepared by the actuarial function holder - IPRU (INS) Appendix 9.4

Name of Insurer Aviva Annuity UK Limited

Global business

Financial year ended **31 December 2013** 

#### 1. Introduction

- (1) The valuation date is 31 December 2013.
- (2) The previous valuation was completed with an effective date of 31 December 2012.
- (3) No interim valuations have been carried out.

#### 2. Product Range

The only relevant product change in 2013 is that for individual annuities it is assumed that customers will have at least a 1 year guarantee period (subject to being allowed under the terms and conditions). Furthermore, if the annuitant dies within 90 days of the contract commencement date the full premium, less income payments made, will be returned to the estate, any tax liability being met by Aviva.

#### 3. Discretionary charges and benefits

- (1) There is no accumulating with-profits business.
- (2) Not applicable.
- (3) There are no deposit administration benefits.
- (4) The guaranteed annuity benefit is calculated incorporating an allowance for service charges.
- (5) Not applicable.
- (6) There is no accumulating with profit business.
- (7) Not applicable.
- (8) Not applicable.
- (9) Not applicable.
- (10) Not applicable.

#### 4. Valuation basis

(1) The conventional immediate and deferred annuity business is valued by discounting future benefit payments and maintenance expenses.

The mathematical reserve for inflation linked annuities is determined with a market-consistent inflation assumption (3.68% pa at 31 December 2013) as the allowance for future increases in annuity payments. This is consistent with the treatment of the matching assets. Some inflation linked annuities are subject to maximum and minimum percentage annual increases which are valued accordingly.

(2) The following table gives the valuation interest rates at the end of 2013 compared with those at the end of 2012. Non-linked and index-linked liabilities are backed by different assets and hence have different valuation interest rates. Index-linked yields are real yields.

	Valuation interest rates	
Product Group	31/12/2013	31/12/2012
	%	%
Non-linked pensions annuities	4.711	4.089
Non-linked life and general annuities	4.711	4.089
Index-linked pensions annuities	0.270	0.306
Index-linked life and general annuities	0.270	0.306
Bulk Purchase Annuities – Non-linked	4.711	4.089
Bulk Purchase Annuities – Index-linked	0.270	0.306

Valuation report prepared by the actuarial function holder - IPRU (INS) Appendix 9.4

Name of Insurer Aviva Annuity UK Limited

Global business

Financial year ended 31 December 2013

(3) In accordance with INSPRU 3.1.41R, a prudent adjustment for that part of the yield estimated to represent compensation for credit risk, was made to the yield on assets.

This adjustment took account of:

- (a) Market margins of gross yield over the yields of risk-free investments of a similar term in the same currency, where available
- (b) The reasonableness of the net-of-adjustment yields over the yields of risk-free investments of a similar term in the same currency, taking account of the points above
- (c) The future outlook for bad debt experience
- (d) The historic experience of bad debts for each of the major asset classes
- (e) The need to take a prudent view of the above

The deductions for bad debts were:

Asset Category	31/12/2013	31/12/2012
Commercial mortgages	0.72%	0.72%
Healthcare mortgages (GPFC/PFI)	0.10%	0.10%
Non-linked equity release mortgages	1.40%	1.35%
RPI linked equity release mortgages	3.50%	3.00%
Index-linked property	0.77%	0.69%
Corporate Bonds – AAA	0.21%	0.14%
Corporate Bonds – AA	0.34%	0.25%
Corporate Bonds – A	0.53%	0.49%
Corporate Bonds – BBB	0.98%	0.91%
Corporate Bonds – BB	2.27%	2.14%
Corporate Bonds – B	6.22%	5.81%
Corporate Bonds – unrated	0.98%	0.91%
Private placements	See Note	See Note
Swaps	0.00%	0.00%
Barclays liquidity swaps	0.05%	n/a
Morgan Stanley Libor Generator	0.27%	0.00%

Note: Rating-specific deductions were applied to private placements in line with the corporate bond deductions in the above table.

In addition, supplementary reserves are held for credit risk in respect of commercial mortgages and healthcare mortgages. These are detailed in Section 8.

The valuation rate of interest used is net of a deduction of 0.02% pa which provides a prudent margin for cash flow reinvestment and disinvestment risk. At 31 December 2012 the deduction was 0.08% pa.

(4) Mortality is based on UK standard published tables with prudent allowance for current experience, and adjustments for improving longevity. The policyholders predominantly reside in the country of operation, except for business written in the Minor Sterling category.

In 2013 the base tables and the allowances for future mortality improvements were reviewed, resulting in revised assumptions for use at 31/12/2013. The base table assumptions include an adjustment for anti-selection that varies by individual year of entry.

A further manual reserve of  $\pounds(115)$ m was made at 31/12/2013 to allow for population mortality experience that emerged after the full review had been completed, in prudent anticipation that the emerging experience will lead to a reduction in future improvement assumptions.

Details are provided in the tables overleaf.

Valuation report prepared by the actuarial function holder - IPRU (INS) Appendix 9.4

Name of Insurer Aviva Annuity UK Limited

Global business

Financial year ended

31 December 2013

The following tables summarise the underlying Aviva Annuity UK Limited individual annuity mortality basis and improvement rates:

		31/12/	2013	31/1	2/2012
	Base table	Male %	Female %	Male %	Female %
Pension Annuity Pre 1997		100.0	95.5	98.5	93.5
Pension Annuity 1997/2011	PCMA00/PCFA00	The base table percentages for the intervening years are in the range between those for Pre 1997 and 2013.		The base table percentages for the intervening years are in the range between those for Pre 1997 and 2012.	
Pension Annuity 2012				82.0	78.0
Pension Annuity 2013		83.5	79.5	n/a	n/a
General Annuity	IML00/IFL00	91.0	93.0	97.0	89.0
Structured Settlements	ONS Interim Life Tables UK 2006-2008 adjusted	95.0	95.0	95.0	95.0
Improvement rates applied to Pension and General Annuities	CMI_2012 (applicable from 2001), plus a 0.5% constant addition from 2013 onwards	_M[1.75] _F[1.5]		CMI_2011 (applicable from 2001), plus a 0.5% constant addition from 2012 onwards M[1.5]F[1.0]	
Improvement rates applied to Structured Settlements	ONS improvement table	100% plus additional 0.5% pa from 2013 onwards		additional (	% plus ).5% pa from onwards

The mortality basis for long term care immediate annuities is based on the same base tables as general annuities with individual loadings as advised by the underwriters at the point of sale and an additional margin for prudence.

The mortality basis for the non-profit pension immediate annuity business that originated in Provident Mutual and was transferred into Aviva Annuity UK Limited was also reviewed in 2013.

The 2013 and 2012 mortality bases and improvement rates for ex-Provident Mutual business are set out in the tables below:

	PM – originated business					
	31/12	/2013		31/12/2012		
	Base table	Male %	Female %	Base table	Male %	Female %
Individual and Group business	PCMA00/PCFA00	90.0	88.5	PCMA00/PCFA00	86.0	92.5
Improvement rates applied to both Individual and Group business	CMI_2012 (applicable from 2001), plus a 0.5% constant addition from 2013 onwards	_M[1.75]	_F[1.5]	CMI_2011 (applicable from 2001), plus a 0.5% constant addition from 2012 onwards	_M[1.5]	_F[1.0]

#### Valuation report prepared by the actuarial function holder - IPRU (INS) Appendix 9.4

Name of Insurer Aviva Annuity UK Limited

Global business

Financial year ended

31 December 2013

	Bulk Purchase Annuity mortality in deferment						
	31/1	2/2013		31/12/2012			
	Base table	Male %	Female %	Base table	Male %	Female %	
Bulk Purchase Annuities	AMC00 (ultimate)/ AFC00 (ultimate)	83.6	86.0	AMC00 (ultimate)/ AFC00 (ultimate)	83.6	86.0	
Improvement rates	CMI_2012 (applicable from 2001), plus a 0.5% constant addition from 2013 onwards	_M[1.75]	_F[1.5]	CMI_2011 (applicable from 2001), plus a 0.5% constant addition from 2012 onwards	_M[1.5]	_F[1.0]	

The mortality basis for Bulk Purchase Annuity mortality in deferment is shown in the table below:

The mortality basis for Bulk Purchase Annuity mortality in payment is shown in the table below:

		Bulk Purchase Annuity Mortality in Payment:				
	31/1	2/2013		31/12/2012		
	Base table	Male %	Female %	Base table	Male %	Female %
*Bulk Purchase Annuities	PCMA00/PCFA00	88.2 to 114.66	84.15 to 107.525	PCMA00/PCFA00	77.2 to 112.905	73.2 to 105.225
Improvement rates	CMI_2012 (applicable from 2001), plus a 0.5% constant addition from 2013 onwards	_M[1.75]	_F[1.5]	CMI_2011 (applicable from 2001), plus a 0.5% constant addition from 2012 onwards	_M[1.5]	_F[1.0]

\* Note - The Bulk Purchase Annuity mortality rates are scheme-dependent.

Changes since 2012 are a result of a review of the base tables and future mortality improvements.

No allowance is made or reserve held in addition to the assumptions above, in respect of possible changes in the incidence of disease or developments in medical science.

The resulting life expectancies from the valuation date for annuities in payment are shown in the table below at sample ages. Bulk Purchase Annuity life expectancies are shown for the average pensioner.

		31/12	/2013	
Expectations of life (years)	Male		Fen	nale
	65	75	65	75
Pension Annuity (Pre 1997)	25.0	15.2	27.2	17.1
Pension Annuity 1997 - 2012	inter ran	kpectation vening ye ge betwe Pre 1997	ears are i en those	n the for
Pension Annuity 2013	26.7	16.7	28.8	18.6
General Annuity	25.8	15.8	28.0	17.5
Provident Mutual originated annuity	26.0	16.1	27.8	17.7
Bulk Purchase Annuities	25.0	15.3	27.2	17.2
Structured Settlements	24.1	15.3	27.1	17.4

Valuation report prepared by the actuarial function holder - IPRU (INS) Appendix 9.4

Name of Insurer Aviva Annuity UK Limited

Global business

Financial year ended

31 December 2013

		31/12	/2012	
Expectations of life (years)	Male		Fen	nale
	65	75	65	75
Pension Annuity (Pre 1997)	24.8	15.3	26.5	16.8
Pension Annuity 1997 - 2011	inter ran	vening ye ge betwe	ns of Life ears are i en those and 2012	n the for
Pension Annuity 2012	26.6	16.7	28.1	18.2
General Annuity	25.0	15.3	27.5	17.3
Provident Mutual originated annuity	26.1	16.3	26.6	16.8
Bulk Purchase Annuities	24.8	15.3	26.5	16.9
Structured Settlements	23.7	14.9	26.7	17.0

Life expectancies at age 65 for deferred annuities are shown in the table below at sample ages:

	At Age 65					
Expectations of life (years)	Male Female			nale		
	31/12/2013	31/12/2012	31/12/2013	31/12/2012		
Bulk Purchase Annuities:						
Current Age 45	28.8	28.2	30.5	29.0		
Current Age 55	26.9	26.4	28.9	27.8		

- (5) Not applicable.
- (6) The value of future maintenance expenses is calculated from current maintenance expense levels by broad category of business, increasing by future expense inflation over the lifetime of each contract. The following expense assumptions are based on the terms of the Management Services Agreement between Aviva Life Services UK Limited and Aviva Annuity UK Limited and increased by 10% in respect of project costs. Expense assumptions are shown for pension annuities only. The per policy expenses are shown gross and no tax relief is assumed:

	Per policy expense £ per annum		
	2013	2012	
Annuity non-profit CPA (400)	17.03	15.62	
Annuity non-profit (bulk transfer) (401)	31.89	30.93	

Assumed per-policy expenses on CPA business have increased by 9% since 2012. This is due to an increase in the fixed expense allowance and the inflationary increase being offset by a larger number of policies over which the maintenance costs are spread.

An additional reserve of £11.5m (net of 12.5% reinsurance to Aviva Life & Pensions UK Limited) has been established in respect of project cost overruns.

The assumed future inflation rate applying to maintenance expenses is 3.38% pa.

- (7) Not applicable.
- (8) Not applicable.
- (9) Not applicable.
- (10) The valuation interest rate was adjusted to allow for investment expenses based on actual investment charges incurred. There were no other material basis assumptions.
- (11) The Company holds the following derivatives to back policyholder liabilities:

One interest rate swap provides fixed interest cash flows in exchange for variable interest cash flows from certain mortgage assets used to back long-term fixed interest liabilities. Five interest rate swaps are held in respect of matching asset and liability cash flows for fixed interest business, and provide long-term fixed interest cash flows in exchange for short and medium term cash flows.

Two swaps provide fixed interest cash flows in exchange for RPI linked cash flows from two corporate bond assets used to back long-term fixed interest liabilities. Sixty three swaps are held to provide fixed

Valuation report prepared by the actuarial function holder - IPRU (INS) Appendix 9.4

Name of Insurer Aviva Annuity UK Limited

Global business

Financial year ended **31 December 2013** 

interest cash flows in exchange for LIBOR cash flows, and these are used to back long-term fixed interest liabilities.

Sixty three fixed interest credit default swaps have been bought to hedge the risk of default on certain assets backing the liabilities. A further sixty six fixed interest credit default swaps have been sold to actively manage the risk associated with certain counterparties.

The Company holds forty one currency swaps to hedge the risk of currency movements on corporate bonds denominated in US dollars (thirty eight) and Euros (three) backing liabilities denominated in Sterling.

Fifty nine inflation swaps are held to hedge the risk of inflation arising from RPI and LPI linked liabilities, backed by fixed interest corporate bonds.

The valuation interest rate used to determine the value of long-term index linked liabilities is derived from the rate of interest that equates the discounted value of aggregate cash flows, including cash flows arising from each of the swaps, with the total market value of the asset portfolio, including the market value of each of the swaps.

Supplementary note 0204 gives details of the valuation interest rate approach.

(12) There is no impact on mathematical reserves arising from changes in the INSPRU valuation rules effective from 31 December 2006.

#### 5. Options and Guarantees

- (1) Not applicable.
- (2) Not applicable.
- (3) Not applicable.
- (4) There are no other guarantees or options with any value.

#### 6. Expense Reserves

- (1) Based on the business in force at 31 December 2013, the explicit allowance for maintenance expenses during 2014 is £17.9m and the implicit allowance in the valuation rate of interest for investment expenses during 2014 is £18.9m (prior to reinsuring 12.5% to Aviva Life & Pensions UK Limited)... All expenses have been treated as attributable.
- (2) The implicit allowance for investment expenses was estimated by applying the investment expense deductions by asset class assumed in the valuation interest rate calculation to the assets allocated to the valuation liabilities.
- (3) The 2013 maintenance expenses in line 14 of Form 43 are £40.8m. The corresponding allowance for 2014 expenses in 6(1) above is £36.8m (prior to reinsuring 12.5% to Aviva Life & Pensions UK Limited). The £4m difference is mainly driven by prior year adjustments, and to project costs and investment expenses in 2013 being higher than 2014 allowances.
- (4) The costs of acquiring new business assumed in the next twelve months would have little impact on the Company and would be charged to the new business written.
- (5) An assessment was made of the cost of closure of the Company to new business at the end of 2013 and a reserve of £22.4m, corresponding to the full cost (net of 12.5% reinsurance to Aviva Life & Pensions UK Limited), was included on Form 51.
- (6) There are no expenses which have been treated as non-attributable.

Valuation report prepared by the actuarial function holder - IPRU (INS) Appendix 9.4

Name of Insurer Aviva Annuity UK Limited

Global business

Financial year ended **31 December 2013** 

#### 7. Mismatching Reserves

- (1) Mathematical reserves for overseas business as reported in Forms 51 and 54 are all in respect of sterling liabilities. These are matched by sterling assets, except for £768.4m of US dollar bonds and £67.7m of Euro bonds whose cashflows are converted into sterling using currency swaps.
- (2) There are no liabilities in non-sterling currencies.
- (3) No reserves are held for currency mismatching because there are no significant liabilities in currencies different from the matching assets.
- (4) Two tests were applied at December 2013, in line with INSPRU 3.1.16R:
  - (a) a rise in risk free interest yields for all outstanding terms of 20% of the long term gilt yield accompanied by a fall in property values of 20%
  - (b) a fall in risk free interest yields for all outstanding terms of 20% of the long term gilt yield accompanied by a fall in property values of 20%

For those fixed interest securities that are not risk free, we assume the yield differential to risk free does not reduce in a resilience test.

The most onerous scenario as at 31 December 2013 was test (b).

- (5) Two tests were applied at December 2013, in line with INSPRU 3.1.23R, for the assets invested outside of the UK. For Aviva Annuity UK Limited the only significant territory is the US, in which the holding of fixed interest corporate bonds makes up approximately 3.3% of the overall portfolio of assets backing liabilities.
  - (a) a rise in risk free interest yields for all outstanding terms of 20% of the long term US risk free yield accompanied by a fall in UK property values of 20%
  - (b) a fall in risk free interest yields for all outstanding terms of 20% of the long term US risk free yield accompanied by a fall in UK property values of 20%

For those fixed interest securities that are not risk free, we assume the yield differential to risk free does not reduce in a resilience test.

The most onerous scenario as at 31 December 2013 was test (b).

- (6) The assets and liabilities have been revalued on this interest basis as set out in (4) and (5) above.
  - (a) The calculations have led to a resilience capital requirement of £61.7m (net of 12.5% reinsurance to Aviva Life & Pensions UK Limited).
  - (b) The aggregate value of liabilities increased by £2,027.3m (net of 12.5% reinsurance to Aviva Life & Pensions UK Limited).
  - (c) The aggregate value of assets increased by £1,965.6m (net of 12.5% reinsurance to Aviva Life & Pensions UK Limited).
- (7) The valuation liabilities include an allowance of a 0.02% pa deduction from the valuation interest rate for duration mismatch as mentioned in section 4(3). No further reserve is required to satisfy INSPRU 1.1.34R.

#### 8. Additional Special Reserves

An additional reserve to cover potential data quality issues is established at a level of 0.15% of the reserve for future annuity payments and expenses.

A reserve of £682.5m (net of 12.5% reinsurance to Aviva Life & Pensions UK Limited) is held for additional credit risk in respect of commercial and healthcare mortgages.

Valuation report prepared by the actuarial function holder - IPRU (INS) Appendix 9.4

Name of Insurer Aviva Annuity UK Limited

Global business

Financial year ended **31 December 2013** 

#### 9. Reinsurance

- (1) The Company has no facultative reinsurance with a reinsurer who is not authorised to carry out business in the United Kingdom.
- (2) There were 9 reinsurance treaties with external reinsurers where the Company was the ceding insurer and under which business was in force at the valuation date.

	Treaties 1 to 3
Reinsurer	Munich Re (Treaty 1 and 2) and Hannover Re (Treaty 3)
Nature of cover	50% (Treaty 1) or 90% (Treaties 2 and 3) Quota share on UK Long Term Care (Immediate Care) business
Premiums payable in 2013	£0.02m
Deposit back arrangements	Not applicable
Open/closed to new business	Treaty 1 was closed to new business in March 2001. New business is placed with either Munich Re under Treaty 2 or Hannover Re under Treaty 3.
Undischarged liabilities	None
Mathematical reserves ceded	Total reserves ceded under the 3 treaties are £5.419m
Retention limit for new policies	10% retained of each new annuity

Munich Re and Hannover Re are authorised to carry on insurance business in the UK and are not connected with the insurer. The treaties are not subject to any material contingencies. There are no liabilities to refund reinsurance commission in the event of lapse or surrender of the contract under any of the treaties. None of the treaties is a financing arrangement.

	Treaty 4
Reinsurer	Hannover Re
Nature of cover	75% longevity swap on UK Impaired Life Annuity business
Premiums payable in 2013	£3.735m
Deposit back arrangements	Not applicable
Open/closed to new business	Closed to new business
Undischarged liabilities	None
Mathematical reserves ceded	£7.392m
Retention limit for new policies	Not applicable

The treaty is not subject to any material contingencies. There are no liabilities to refund reinsurance commission in the event of lapse or surrender of the contract under the treaty. The treaty is not a financing arrangement.

	Treaty 5	Treaty 6	
Reinsurer	XL Re	Partner Re	
Nature of cover	Longevity swap in respect of 7% of a defined block of in-force UK pension annuity business agreed at the treaty commencement date.	Longevity swap in respect of 3% of a defined block of in-force UK pension annuity business agreed at the treaty commencement date.	
Premiums payable in 2013	£39.239m	£16.817m	
Deposit back arrangements	Not applicable	Not applicable	
Open/closed to new business	Closed to new business	Closed to new business	
Undischarged liabilities	None	None	
Mathematical reserves ceded	£17.006m	£7.288m	
Retention limit for new policies	Not applicable	Not applicable	

XL Re is authorised to carry on insurance business in the UK. Partner Re is not authorised to carry on insurance business in the UK. Neither reinsurer is connected with the insurer. The treaties are not subject to any material contingencies. There are no liabilities to refund reinsurance commission in the event of lapse or surrender of the contract under either treaty. Neither treaty is a financing arrangement.

#### Valuation report prepared by the actuarial function holder – IPRU (INS) Appendix 9.4

Name of Insurer Aviva Annuity UK Limited

Global business

Financial year ended

31 December 2013

	Total T			
	Treaty 7			
Reinsurer	RGA Reinsurance UK Limited RGA Reinsurance US Limited			
Nature of cover	Longevity swap in respect of varying proportions of new enhanced annuities written from the treaty commencement date. The UK entity takes 10% of the total business reinsured whilst the US entity takes			
	90% of the total business reinsured			
Premiums payable in 2013	£2.887m £25.982m			
Deposit back arrangements	Not applicable			
Open/closed to new business	Closed to new business on 18 <sup>th</sup> May 2011			
Undischarged liabilities	None			
Mathematical reserves ceded	£3.841m	£34.526m		
Retention limit for new policies	If the Purchase Price is not more than £20,000, 90% is retained if automatically underwritten and 80% is retained if manually underwritten. Otherwise, policies with a Purchase Price up to and including £1m have 60% retained if automatically underwritten and 40% retained if manually underwritten. Policies with a Purchase Price in excess of £1m but not more than £2m have 75% retained if automatically underwritten and 60% retained if manually underwritten. 100% is retained of any Purchase Price in excess of £2m.			

RGA Reinsurance UK Limited is authorised to carry on insurance business in the UK. RGA Reinsurance US Limited is not authorised to carry on insurance business in the UK. Neither reinsurer is connected with the insurer. The treaty is not subject to any material contingencies. There are no liabilities to refund reinsurance commission in the event of lapse or surrender of the contract under the treaty. The treaty is not a financing arrangement.

	Treaty 8
Reinsurer	Maturin UK 2008-01 (M/F 80-100) IC Limited
Nature of cover	Longevity swap in respect of a defined block of in-force UK pension business agreed at the treaty commencement date. Payments are subject to a cap and floor.
Premiums payable in 2013	£49.178m
Deposit back arrangements	Not applicable
Open/closed to new business	Closed to new business
Undischarged liabilities	None
Mathematical reserves ceded	-£5.771m
Retention limit for new policies	Not applicable

Maturin UK 2008-01 (M/F 80-100) IC Limited is authorised to carry on insurance business in Guernsey and is not connected. The treaty is not subject to any material contingencies. There are no liabilities to refund reinsurance commission in the event of lapse or surrender of the contract under the treaty. The treaty is not a financing arrangement.

	Treaty 9	
Reinsurer	RGA Reinsurance International	RGA Global Reinsurance
	Company Limited	Company Limited
Nature of cover	Longevity swap subject to a deductible. The longevity swap is in respect of varying proportions of new enhanced annuities written from the treaty commencement date. The International entity takes 5% of the total business reinsured whilst the Global entity takes 95% of the total business reinsured.	
Premiums payable in 2013	£0.204m	£3.871m
Deposit back arrangements	Not applicable	
Open/closed to new business	Open to new business from 18 <sup>th</sup> May 2011	
Undischarged liabilities	None	
Mathematical reserves ceded	£2.884m	£54.836m
Retention limit for new policies	If the Purchase Price is not more than £20,000, 90% is retained if automatically underwritten and 80% is retained if manually underwritten. Otherwise, policies with a Purchase Price up to and including £1m have 60% retained if automatically underwritten and 40% retained if manually underwritten. Policies with a Purchase Price in excess of £1m but not more than £2m have 75% retained if automatically underwritten and 60% retained if manually underwritten. 100% is retained of any Purchase Price in excess of £2m.	

Valuation report prepared by the actuarial function holder - IPRU (INS) Appendix 9.4

31 December 2013

Name of Insurer Aviva Annuity UK Limited

Global business

Financial year ended

RGA Reinsurance International Company Limited is authorised to carry on insurance business in the UK. RGA Global Reinsurance Company Limited is not authorised to carry on insurance business in the UK. Neither reinsurer is connected with the insurer. The treaty is not subject to any material contingencies. There are no liabilities to refund reinsurance commission in the event of lapse or surrender of the contract under the treaty. The treaty is not a financing arrangement.

There were 2 reinsurance treaties with another Group company where the Company was the ceding insurer and under which business was in force at the valuation date.

	Internal Reinsurance Treaty 34
Reinsurer	Aviva Life & Pensions UK Limited (Non Profit Sub-Fund 2)
Nature of cover	100% reinsurance of non-profit immediate pension annuities which were originally written in Aviva Life & Pensions UK Limited and were transferred to Aviva Annuity UK Limited as at 1 January 2005. The effect of the treaty is to transfer all the liabilities to Aviva Life & Pensions UK Limited as if the business had not been transferred.
Premiums payable in 2013	£NIL
Deposit back arrangements	Not applicable
Open/closed to new business	Closed to new business
Undischarged liabilities	None
Mathematical reserves ceded	£207.154m
Retention limit for new policies	Not applicable

Aviva Life & Pensions UK Limited is authorised to carry on insurance business in the UK and is a connected company. The treaty is not subject to any material contingencies. There are no liabilities to refund reinsurance commission in the event of lapse or surrender of the contract under the treaty. The treaty is not a financing arrangement.

	Internal Reinsurance Treaty
Reinsurer	Aviva Life & Pensions UK Limited (Non Profit Sub-Fund 2)
Nature of cover	Quota-Share reinsurance of 12.5% of the net Liabilities of the Aviva Annuity UK Limited long-term fund
Premiums payable in 2013	£3998.441m
Deposit back arrangements	Premiums equivalent to 12.5% of long-term fund assets will be withheld by Aviva Annuity UK Limited
Open/closed to new business	Open to new business
Undischarged liabilities	None
Mathematical reserves ceded	£3792.991m
Retention limit for new policies	New policies written will be reinsured under the same 87.5% retained / 12.5% ceded proportion.

Aviva Life & Pensions UK Limited is authorised to carry on insurance business in the UK and is a connected company. The treaty is not subject to any material contingencies. There are no liabilities to refund reinsurance commission in the event of lapse or surrender of the contract under the treaty. The treaty is not a financing arrangement.

#### 10. Reversionary bonus

Not relevant. The Company has no with profits business.

Statement on derivatives required by IPRU (INS) 9.29

Name of Company Aviva Annuity UK Limited

**Global business** 

Financial year ended 31st December 2013

The following summarises investment policy for the use of derivatives: -

- Derivatives will only be used in accordance with PRA Guidelines for the purpose of efficient portfolio management or reduction in investment risk.
- Derivatives must not be used for speculative purposes.
- Derivatives must be fully covered by the assets of the fund and must not be used to 'gear up' a fund.
- Counterparty risk for exchange traded contracts, the exchange must be classed as "regulated" by an investment committee. Over the counter contracts, transactions must only be transacted with approved counterparties.
- Counterparty limits are consistent, and monitored in line with the fund's aggregate exposure guidelines.
- Controls and Monitoring delegated authorities exist for each member of staff using derivatives. Derivatives
  transactions are priced, settled and profit and losses reconciled in an area independent of the fund managers
  involved.

The speculative use of derivative contracts is prohibited.

There are no specific guidelines for the use of contracts that were not reasonably likely to be exercised at the start of the contract.

No derivative contracts were held at any time during the financial year that required a significant provision under INSPRU 3.2.17R, and where appropriate, all contracts held fell within the definition of a permitted derivative contract.

Statement on controllers required by IPRU (INS) 9.30Name of insurerAviva Annuity UK LimitedGlobal business

Financial year ended **31st December 2013** 

100% of the issued share capital of the Company is held by Aviva Life & Pensions UK Limited.

100% of the issued share capital of Aviva Life & Pensions UK Limited is held by Aviva Life Holdings UK Limited.

100% of the issued share capital of Aviva Life Holdings UK Limited is held by Aviva Group Holdings Limited.

100% of the issued share capital of Aviva Group Holdings Limited is held by the Ultimate Parent Undertaking, Aviva plc.

There have been no changes to the above position during the year.

All shares are voting shares.

Certificate by the directors required by IPRU (INS) 9.34(1) and IPRU (INS) Appendix 9.6

 Name of insurer
 Aviva Annuity UK Limited

 Global business
 Image: Comparison of the second se

Financial year ended**31st December 2013** 

We certify that:

- 1 (a) the return has been properly prepared in accordance with the requirements in IPRU(INS), GENPRU and INSPRU; and
  - (b) the directors are satisfied that:
    - (i) throughout the financial year in question, the insurer has complied in all material respects with the requirements in SYSC and PRIN as well as the provisions of IPRU(INS), GENPRU and INSPRU; and
    - (ii) it is reasonable to believe that the insurer has continued so to comply subsequently, and will continue so to comply in future.
- 2 (a) in the directors' opinion, premiums for contracts entered into during the financial year and the resulting income earned are sufficient, under reasonable actuarial methods and assumptions, and taking into account the other financial resources of the insurer that are available for the purpose, to enable the insurer to meet its obligations in respect of those contracts and, in particular, to establish adequate mathematical reserves;
  - (b) the sum of the mathematical reserves and the deposits received from reinsurers as shown in Form 14, constitute proper provision at the end of the financial year in question for the long-term insurance liabilities (including all liabilities arising from deposit back arrangements, but excluding other liabilities which had fallen due before the end of the financial year) including any increase in those liabilities arising from a distribution of surplus as a result of an actuarial investigation as at that date into the financial condition of the long-term insurance business; and
  - (c) the directors have, in preparing the return, taken and paid due regard to advice from every actuary appointed by the insurer to perform the actuarial function in accordance with SUP 4.3.13R.

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**D B BARRAL** Chief Executive

C J ABRAHAMS Director

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J R LISTER Director

March 2014

Independent auditors' report to the directors pursuant to rule 9.35 of the Interim Prudential Sourcebook for Insurers

Name of insurer	Aviva Annuity UK Limited
Global Business	
Financial year ended	31st December 2013

We have audited the following documents prepared by the insurer pursuant to the Accounts and Statements Rules set out in Part I and Part IV of Chapter 9 to IPRU(INS) the Interim Prudential Sourcebook for Insurers, GENPRU the General Prudential Sourcebook and INSPRU the Prudential Sourcebook for Insurers ('the Rules') made by the Financial Services Authority under section 137G of the Financial Services and Markets Act 2000:

- Forms 2, 3, 13 to 17, 40 to 43, 48, 49, 56, 58 and 60, (including the supplementary notes) ('the Forms');
- the statement required by IPRU(INS) rule 9.29 ('the statement'); and
- the valuation report required by IPRU(INS) rule 9.31 ('the valuation report');.

We are not required to audit and do not express an opinion on:

- Forms 46, 47, 50, 51, 54 and 57 (including the supplementary notes);
- the statement required by IPRU(INS) rule 9.30; and
- the certificate required by IPRU(INS) rule 9.34(1).

#### Respective responsibilities of the insurer and its auditors

The insurer is responsible for the preparation of an annual return (including the Forms, the statement and the valuation report) under the provisions of the Rules. The requirements of the Rules have been modified by directions treated as issued under section 138A of the Financial Services and Markets Act 2000 on 17 September 2009 and 27 April 2012. Under IPRU(INS) rule 9.11 the Forms, the statement and the valuation report are required to be prepared in the manner specified by the Rules and to state fairly the information provided on the basis required by the Rules. The methods and assumptions determined by the insurer and used to perform the actuarial investigation as set out in the valuation report are required to reflect appropriately the requirements of INSPRU 1.2.

It is our responsibility to form an independent opinion as to whether the Forms, the statement and the valuation report meet these requirements, and to report our opinion to you. We also report to you if, in our opinion:

- adequate accounting records have not been kept, or returns adequate for our audit have not been received from branches not visited by us; or
- the Forms, the statement and the valuation report are not in agreement with the accounting records and returns; or
- we have not received all the information we require for our audit.

This report has been prepared for the directors of the insurer to comply with their obligations under IPRU(INS) rule 9.35 and for no other purpose. We do not, in providing this report, accept or assume responsibility for any other purpose save where expressly agreed by our prior consent in writing.

#### Basis of opinion

We conducted our work in accordance with Practice Note 20 'The audit of insurers in the United Kingdom (Revised)' issued by the Auditing Practices Board. Our work included examination, on a test basis, of evidence relevant to the amounts and disclosures in the Forms, the statement and the valuation report. The evidence included that previously obtained by us relating to the audit of the financial statements of the insurer for the financial year. It also included an assessment of the significant estimates and judgements made by the insurer in the preparation of the Forms, the statement and the valuation report.

We planned and performed our work so as to obtain all the information and explanations which we considered necessary in order to provide us with sufficient evidence to give reasonable assurance that the Forms, the statement and the valuation report are free from material misstatement, whether caused by fraud or other irregularity or error and comply with IPRU(INS) rule 9.11.

In accordance with IPRU(INS) rule 9.35(1A), to the extent that any document, Form, statement, analysis or report to be examined under IPRU(INS) rule 9.35(1) contains amounts or information abstracted from the actuarial investigation performed pursuant to IPRU(INS) rule 9.4, we have obtained and paid due regard to advice from a suitably qualified actuary who is independent of the insurer.

Independent auditors' report to the directors pursuant to rule 9.35 of the Interim Prudential Sourcebook for Insurers

Name of insurerAviva Annuity UK LimitedGlobal BusinessFinancial year ended31st December 2013

#### Opinion

In our opinion:

(i) the Forms, the statement and the valuation report fairly state the information provided on the basis required by the Rules as modified and have been properly prepared in accordance with the provisions of those Rules; and

(ii) the methods and assumptions determined by the insurer and used to perform the actuarial investigation as set out in the valuation report appropriately reflect the requirements of INSPRU 1.2.

PricewaterhouseCoopers LLP Chartered Accountants

24 March 2014

The maintenance and integrity of the Aviva plc website is the responsibility of the directors; the work carried out by the auditors does not involve consideration of these matters and, accordingly, the auditors accept no responsibility for any changes that may have occurred to the insurance annual return since they were initially presented on the website.

Legislation in the United Kingdom governing the preparation and dissemination of insurance annual returns may differ from legislation in other jurisdictions.