

# **Aviva Annuity UK Limited**

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

Annual FSA Insurance Returns for the year ended 31 December 2011



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 2011							

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# Statement of solvency - long-term insurance business

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended **31st December 2011** 

Solo solvency calculation

Company registration number		GL/UK/CM	F day	Period en month	ded year	units
R2	3253948	GL	31	12	2011	£000
			As at end of this financial year			end of evious ar
			1		2	

Capital resources			
Capital resources arising within the long-term insurance fund	11	800000	800042
Capital resources allocated towards long-term insurance business arising outside the long-term insurance fund	12	815919	777615
Capital resources available to cover long-term insurance business capital resources requirement (11+12)	13	1615919	1577657
Guarantee fund	·		
Guarantee fund requirement	21	371236	298019
Excess (deficiency) of available capital resources to cover guarantee fund requirement	22	1244683	1279638
Minimum capital requirement (MCR)	•		
Long-term insurance capital requirement	31	1113709	894056
Resilience capital requirement	32	17300	22600
Base capital resources requirement	33	3056	3040
Individual minimum capital requirement	34	1131009	916656
Capital requirements of regulated related undertakings	35		
Minimum capital requirement (34+35)	36	1131009	916656
Excess (deficiency) of available capital resources to cover 50% of MCR	37	953995	1031277
Excess (deficiency) of available capital resources to cover 75% of MCR	38	767662	890165
Enhanced capital requirement			
With-profits insurance capital component	39		
Enhanced capital requirement	40	1131009	916656
Capital resources requirement (CRR)			
Capital resources requirement (greater of 36 and 40)	41	1131009	916656
Excess (deficiency) of available capital resources to cover long-term insurance business CRR (13-41)	42	484910	661001

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 2011

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**D B BARRAL** Chief Executive

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J R LISTER Director

.....

P WILLCOCK Director

March 2012

# **Components of capital resources**

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2011

	Company registration number			GL/UK/CM	F day	Period end month	ed year	units	
	Γ	R3	32539	948			12	2011	£000
			I insurance siness		ong-term ince business	of this	at the end financial rear	of the	at the end previous ear
			1		2		3		4
Core tier one capital				-					
Permanent share capital	11				50000		50000		50000
Profit and loss account and other reserves	12				1728126		1728126		1459145
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				1778876		1778876		1509895
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				1778876		1778876		1509895
Investments in own shares	32								
Intangible assets	33								
Amounts deducted from technical provisions for discounting	34								
Other negative valuation differences	35				259376		259376		20290
Deductions in related undertakings	36								
Deductions from tier one (32 to 36)	37				259376		259376		20290
Total tier one capital after deductions (31-37)	39				1519500		1519500		1489605

# **Components of capital resources**

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2011

	Company registratic number		GL/UK/CM	F day	led year	units	
R3	32539	948	GL	31	12	2011	£000
	General insurance business 1		ong-term nce business <b>2</b>	of this	at the end financial /ear 3	of the	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 2011

	Company registration number R3 3253944		GL/UK/CM	F day	led year	units	
R3			GL	31	12	2011	£000
General insurance business 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	1719500	1719500	1689605
Inadmissible assets other than intangibles and own shares	73	103581	103581	111948
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	1615919	1615919	1577657

# Available capital resources for GENPRU/INSPRU tests

Available capital resources for guarantee fund requirement	81	1615919	1615919	1577657
Available capital resources for 50% MCR requirement	82	1519500	1519500	1489605
Available capital resources for 75% MCR requirement	83	1615919	1615919	1577657

#### 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 2011

Category of assets

# Total other than Long-term insurance business assets

	Company registration number GL/U			da	Period en	ded year	units	Category of assets
	R13	3253948	GL	3	1 12	2011	£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	
Nen incurance dependente	shares	25	
Non-insurance dependants	debts and loans	26	
Other group undertakings	shares	27	
Other group undertakings	debts and loans	28	
Participating interests	shares	29	
	debts and loans	30	

#### Other financial investments

Equity shares	Equity shares			
Other shares and other variable yield participations				
Holdings in collective investmer	t schemes	43	100045	97719
Rights under derivative contract	S	44		
Fixed interest securities	Approved	45	335029	344783
Fixed interest securities	Other	46		
Approved		47		
Variable interest securities Other		48		
Participation in investment pools				
Loans secured by mortgages		50		
Loans to public or local authoriti undertakings	es and nationalised industries or	51		
Loans secured by policies of ins	surance issued by the company	52		
Other loans		53		
Bank and approved credit & One month or less withdrawal		54		
financial institution deposits More than one month withdrawal		55	54012	87703
Other financial investments		56		

Global business

Financial year ended **31st December 2011** 

Category of assets

# Total other than Long-term insurance business assets

			Company registration number	GL/UK/CI	/		riod end month	ded year	units	Category of assets
		R13	3253948	GL	3	1	12	2011	£000	1
						-	at end nancia	l of this I year		nd of the ous year
							1			2
Deposits with ceding undertaking	gs				57					
Assets held to match linked	Index linke	ed			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

	Policyholders	71		
Direct insurance business	Intermediaries			
Salvage and subrogation recoveries		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	1226	(2700)
	due in more than 12 months	79		

#### Other assets

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Tangible assets	80		
Deposits not subject to time restriction on withdrawal with approved institutions	81	337681	256931
Cash in hand	82		
Other assets (particulars to be specified by way of supplementary note)	83		
Accrued interest and rent	84	5070	4861
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	833063	789297

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Global business

Financial year ended 31st December 2011

Category of assets

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

	Company registration number	GL/UK/CM	day	Period en month	ded year	units	Category of assets
R13	3253948	GL	31	12	2011	£000	1
			As at end of this financial year				nd 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	833063	789297
Admissible assets in excess of market and counterparty limits	92		
Inadmissible assets directly held	93		
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		
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	833063	789297

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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Global business

Financial year ended 31st December 2011

Category of assets

#### Total Long-term insurance business assets

		Company registration number	GL/UK/CN	l da	Period en y month	ded year	units	Category of assets
	R13	3253948	GL	3	1 12	2011	£000	10
					As at end financia			end of the ous year
			_		1			2
Land and buildings				11		3165		3964

# Investments in group undertakings and participating interests

LIK inguranga danandanta	shares	21		
UK insurance dependants	debts and loans	22		
Other insurance dependants	shares	23		
	debts and loans	24		
Non-insurance dependants	shares	25		2
	debts and loans	26		
Other group undertakings	shares	27		
	debts and loans	28	170887	188014
Participating interests	shares	29		
	debts and loans	30		

# Other financial investments

Equity shares		41		
Other shares and other variable yield participations		42		
Holdings in collective investmer	nt schemes	43		
Rights under derivative contract	ts	44		10452
Fixed interest securities	Approved	45	1312084	1044125
Fixed interest securities	Other	46	8147368	6372411
Variable interact acquirities	Approved	47	29116	261404
Variable interest securities	Other	48	433631	506448
Participation in investment pools		49		
Loans secured by mortgages		50	14164730	11571585
Loans to public or local authorit undertakings	ies and nationalised industries or	51		
Loans secured by policies of ins	surance issued by the company	52		
Other loans		53		
Bank and approved credit &	One month or less withdrawal	54		
financial institution deposits	More than one month withdrawal	55		306
Other financial investments		56		
h				

Global business

Financial year ended 31st December 2011

Category of assets

Total Long-term insurance business assets

			Company registration number	GL/UK/C	M da	Period er ay month		units	Category of assets
		R13	3253948	GL	3	1 12	2011	£000	10
						As at en financi			end of the ous year
						1			2
Deposits with ceding undertaking	gs				57				
Assets held to match linked Index linked				58	3	3767811		2819594	
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	71314	9944
Direct insurance business	Intermediaries			
Salvage and subrogation recoveries		73		
Reinsurance	Accepted	74		
Reinsurance	Ceded	75	1134	
Dependente	due in 12 months or less	76		
Dependants	due in more than 12 months	77		
Other	due in 12 months or less	78	123945	59512
	due in more than 12 months	79	168604	127620

#### Other assets

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Tangible assets	80		
Deposits not subject to time restriction on withdrawal with approved institutions	81	485250	382608
Cash in hand	82		
Other assets (particulars to be specified by way of supplementary note)	83		
Accrued interest and rent	84	260277	273081
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	29139316	23631070

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Global business

Financial year ended 31st December 2011

Category of assets

#### Total Long-term insurance business assets

_		Company registration number	GL/UK/CM	I day	Period en month	ded year	units	Category of assets
	R13	3253948	GL	31	12	2011	£000	10
					s at enc financia	l of this Il 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	29139316	23631070
Admissible assets in excess of market and counterparty limits	92		
Inadmissible assets directly held	93	6072	17619
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	97509	94329
Reinsurers' share of technical provisions excluded from line 89	100	382344	371390
Other asset adjustments (may be negative)	101	5996	146
Total assets determined in accordance with the insurance accounts rules or international accounting standards as applicable to the firm for the purpose or its external financial reporting (91 to 101)	f 102	29631237	24114554

Amounts included in line 89 attributable to debts due from related insurers, other than those under contracts of insurance or reinsurance <b>103</b>	9142
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# Long-term insurance business liabilities and margins

Long-term insurance business habilities and margins						
Name of insurer	Aviva Annuity UK Limited					
Global business						
Financial year ended	31st December 2011					
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	27842742	22351389
Cash bonuses which had not been pai	d to policyholders prior to end of the financial year	12		
Balance of surplus / (valuation deficit)		13	800000	349520
Long term insurance business fund ca	rried forward (11 to 13)	14	28642742	22700909
	Gross	15		
Claims outstanding	Reinsurers' share	16		
	Net (15-16)	17		
Drevisions	Taxation	21		
Provisions	Other risks and charges	22		
Deposits received from reinsurers	23			
	Direct insurance business	31	159375	113536
Creditors	Reinsurance accepted	32		
	Reinsurance ceded	33		17949
Dahastura lagra	Secured	34		
Debenture loans	Unsecured	35		
Amounts owed to credit institutions	·	36		
Ora dita ra	Taxation	37	14130	78734
Creditors	Other	38	323069	269420
Accruals and deferred income		39		
Provision for "reasonably foreseeable	adverse variations"	41		
Total other insurance and non-insuran	ce liabilities (17 to 41)	49	496574	479639
Excess of the value of net admissible a	assets	51		450522
Total liabilities and margins		59	29139316	23631070

Amounts included in line 59 attributable to liabilities to related companies, other than those under contracts of insurance or reinsurance	61	74383	136938
Amounts included in line 59 attributable to liabilities in respect of property linked benefits	62		

Total liabilities (11+12+49)	71	28339316	22831028
Increase to liabilities – DAC related	72		
Reinsurers' share of technical provisions	73	382344	371390
Other adjustments to liabilities (may be negative)	74	(253380)	(20144)
Capital and reserves and fund for future appropriations	75	1162957	932280
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	29631237	24114554

# Liabilities (other than long-term insurance business)

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2011

			Company registration number	GL/UK/C		Period en month	ded year	units
		R15	3253948	GL	31	12	2011	£000
			0200040		As at the this fina year	end of ncial	As at the pre	e end of evious
					1		2	2
Technical provisions (gross amount)								
Provision for unearned premiums				11				
Claims outstanding				12				
Provision for unexpired risks				13				
	Cree	dit business		14				
Equalisation provisions	Othe	er than cred	it business	15				
Other technical provisions	·			16				
Total gross technical provisions (11 to 16)				19				
Provisions and creditors				•				
	Tax	ation		21				
Provisions	Othe	er risks and	charges	22				
Deposits received from reinsurers			0	31				
	Dire	ct insurance	e business	41				
Creditors	Reir	nsurance ac	cepted	42				
		nsurance ce	•	43				
	Sec	ured		44				
Debenture loans	Uns	ecured		45				
Amounts owed to credit institutions				46				
	Таха	ation		47		170		(6
Creditors		eseeable div	vidend	48				(-
	Othe	er		49		16974		1174
Accruals and deferred income		-		51				
Total (19 to 51)				59		17144		1168
Provision for "reasonably foreseeable adverse variation	ons"			61				
Cumulative preference share capital				62				
Subordinated loan capital				63	2	200000		20000
Total (59 to 63)				69	2	217144		21168
Amounts included in line 69 attributable to liabilities to under contracts of insurance or reinsurance	o related	insurers, ot	her than those	71				
<b>.</b>				<b>I</b> T				
Amounts deducted from technical provisions for disco	ounting			82				
Other adjustments (may be negative)				83				
Capital and reserves				84	f	315919		57761

Other adjustments (may be negative)	83		
Capital and reserves	84	615919	577615
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	833063	789297

# Profit and loss account (non-technical account)

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended 31st December 2011

			Company registration number	GL/UK/C	Period e /UK/CM day mont		nded vear	units
		R16	3253948	GL	31	12	2011	£000
		<u></u>			This fina year		Prev yea	
					1		2	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		35299		107645
	Income			14		14121		10886
Investment income	Value re-adjustment	s on investn	nents	15		2418		4791
	Gains on the realisat	tion of inves	tments	16				
	Investment manager interest	ment charge	es, including	17		13296		13325
Investment charges	Value re-adjustment	s on investn	nents	18				
	Loss on the realisation	on of invest	ments	19		1		1
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)	e tax			29		38541		109996
Tax on profit or loss on ordinary activitie	S			31		237		(362)
Profit or loss on ordinary activities after	tax (29-31)			39		38304		110358
Extraordinary profit or loss (particulars t 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		38304		110358
Dividends (paid or foreseeable)				51				
Profit or loss retained for the financial ye	ear (49-51)			59		38304		110358

# Analysis of derivative contracts

Name of insurer Aviva Annuity UK Limited

Global business

Financial year ended **31st December 2011** 

Category of assets

# Total Long-term insurance business assets

			Company registration		F	eriod en	ded		Category of	
			number	GL/UK/CM	day	month	year	units	assets	
		R17	3253948	GL	31	12	2011	£000	10	
			Value as a of this fina			Noti	onal amou of this fin			
Derivative contract	S		Assets	Liabilitie	es	Bougl	ht / Long	Solo	d / Short	
			1	2		3			4	
	Fixed-interest securities	11	2898				147370			
	Interest rates	12	237149	1	08108		965655		410000	
	Inflation	13	156		63388		75000		45429	
	Credit index / basket	14								
Futures and	Credit single name	15	3507		734		25652		35709	
contracts	Equity index	16								
for differences	Equity stock	17								
	Land	18								
	Currencies	19	11975	1	90470				601048	
	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	255685	2	62700		1213677		1092186	
Adjustment for varia	tion margin	52	(255685)	(2	55178)					
Гotal (51 + 52)		53			7522					

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 2011Units£000

Financial year	Previous year
1	2

Income			
Earned premiums	11	3703832	3090930
Investment income receivable before deduction of tax	12	1387712	1286058
Increase (decrease) in the value of non-linked assets brought into account	13	2625503	543253
Increase (decrease) in the value of linked assets	14		
Other income	15		
Total income	19	7717047	4920241

# Expenditure

Claims incurred	21	1583691	1421456
Expenses payable	22	140286	137003
Interest payable before deduction of tax	23	1808	2344
Taxation	24	14130	78792
Other expenditure	25		
Transfer to (from) non technical account	26	35299	107645
Total expenditure	29	1775214	1747240

Business transfers-in	31		
Business transfers-out	32		
Increase (decrease) in fund in financial year (19-29+31-32)	39	5941833	3173001
Fund brought forward	49	22700909	19527908
Fund carried forward (39+49)	59	28642742	22700909

# 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 2011
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	75448	3747870	22351	3845669	3224501

#### Reinsurance - external

Regular premiums	13				
Single premiums	14	41	141796	141837	133571

# Reinsurance - intra-group

Regular premiums	15			
Single premiums	16			

#### Net of reinsurance

Regular premiums	17					
Single premiums	18	75407	3606074	22351	3703832	3090930

#### Total

Gross	19	75448	3747870	22351	3845669	3224501
Reinsurance	20	41	141796		141837	133571
Net	21	75407	3606074	22351	3703832	3090930

# 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 2011
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		3199		3199	214
Disability periodic payments	12					
Surrender or partial surrender	13	1050	3781	11	4842	7116
Annuity payments	14	30338	1671994	32242	1734574	1567906
Lump sums on maturity	15					
Total	16	31388	1678974	32253	1742615	1575236

#### **Reinsurance - external**

Death or disability lump sums	21				
Disability periodic payments	22				
Surrender or partial surrender	23				
Annuity payments	24	2816	140690	143506	137805
Lump sums on maturity	25				
Total	26	2816	140690	143506	137805

# Reinsurance - intra-group

Lump sums on maturity Total	35 36	15418	15418	15975
Annuity payments	34	15418	15418	15975
Surrender or partial surrender	33			
Disability periodic payments	32			
Death or disability lump sums	31			

# Net of reinsurance

Lump sums on maturity	45	21022		02212		
Annuity payments	44	27522	1515886	32242	1575650	1414126
Surrender or partial surrender	43	1050	3781	11	4842	7116
Disability periodic payments	42					
Death or disability lump sums	41		3199		3199	214

# 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 2011
Units	£000

		UK Life	UK Pension	Overseas	Total Financial year	Total Previous year
		1	2	3	4	5
Gross						
Commission - acquisition	11	1068	35411	40	36519	29061
Commission - other	12					
Management - acquisition	13	93	72719		72812	69509
Management - maintenance	14	799	19847	2	20648	24828
Management - other	15	227	10080		10307	13605
Total	16	2187	138057	42	140286	137003

#### **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

Total	46	2187	138057	42	140286	137003
Management - other	45	227	10080		10307	13605
Management - maintenance	44	799	19847	2	20648	24828
Management - acquisition	43	93	72719		72812	69509
Commission - other	42					
Commission - acquisition	41	1068	35411	40	36519	29061

# Long-term insurance business: Summary of new business

Name of insurer	Aviva Annuity UK Limited
Total business	
Financial year ended	31st December 2011
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	712	72559	578	73849	61976		
Total	13	712	72559	578	73849	61976		

#### 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	41958	3747870	15751	3805579	3121198
External reinsurance	26					
Intra-group reinsurance	27	33490		6600	40090	103303
Total	28	75448	3747870	22351	3845669	3224501

Form 47 (Sheet 1)

Name of insurerAviva Annuity UK LimitedTotal businessFinancial year ended31st December 2011Units£000

UK Life / 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
395	Annuity non-profit (PLA)			712	41958

Name of insurerAviva Annuity UK LimitedTotal businessFinancial year ended31st December 2011Units£000

UK Life / Reinsurance accepted intra-group

		Regular prem	nium 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)				33490	

Name of insurerAviva Annuity UK LimitedTotal business31st December 2011Units£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			82	15328
400	Annuity non-profit (CPA)			58692	2559693
401	Annuity non-profit (bulk transfer)			4292	562584
905	Index linked annuity			1521	112963
906	Index linked annuity (bulk transfer)			6465	419948
907	Index linked deferred annuity			1507	77354

Name of insurerAviva Annuity UK LimitedTotal businessFinancial year ended31st December 2011Units£000

Overseas / 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
395	Annuity non-profit (PLA)			577	15478
905	Index linked annuity			1	273

Form 47 (Sheet 5)

Name of insurer	Aviva Annuity UK Limited
Total business	
Financial year ended	31st December 2011
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)				6600

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

Form	48
------	----

Name of insurer	Aviva Annuity UK Limited
Financial year ended	31st December 2011
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	3165	3165	330	9.61	
Approved fixed interest securities	12	1323674	1323674	34979	3.88	
Other fixed interest securities	13	8309586	8309586	530523	5.53	
Variable interest securities	14	466156	466156	10599	2.77	
UK listed equity shares	15					
Non-UK listed equity shares	16					
Unlisted equity shares	17					
Other assets	18	15268924	15268924	998379	4.90	
Total	19	25371505	25371505	1574810	5.01	

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

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

Name of insurer	Aviva Annuity UK Limited
Financial year ended	31st December 2011
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	254357	14.18	2.70	2.70
Other approved fixed interest securities	21	1069317	14.88	4.21	3.99
Other fixed interest securities					
AAA/Aaa	31	858763	11.94	3.70	3.56
AA/Aa	32	1507508	12.03	4.53	4.22
A/A	33	3199694	11.80	5.02	4.48
BBB/Baa	34	2526459	7.73	5.07	4.09
BB/Ba	35	167306	5.98	9.01	6.04
B/B	36	8259	3.96	9.04	2.95
CCC/Caa	37				
Other (including unrated)	38	41597	5.45	132.70	5.26
Total other fixed interest securities	39	8309586	10.46	5.53	4.25
Approved variable interest securities	41	29220	18.45	3.01	3.01
Other variable interest securities	51	436936	9.98	2.75	2.54
	51	430930	9.98	2.75	2.54
Total (11+21+39+41+51)	61	10099416	11.02	5.19	4.11

# 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 2011
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	403853	23511688	509210	24424751	19884922
Form 52	13					
Form 53 - linked	14					
Form 53 - non-linked	15					
Form 54 - linked	16					
Form 54 - non-linked	17	8872	3799971	8553	3817396	2856160
Total	18	412725	27311659	517763	28242147	22741082

# Reinsurance - external

Form 51 - with-profits	21					
Form 51 - non-profit	22	5734	83980	1991	91705	112091
Form 52	23					
Form 53 – linked	24					
Form 53 - non-linked	25					
Form 54 – linked	26					
Form 54 - non-linked	27	3919	45666		49585	36566
Total	28	9653	129646	1991	141290	148657

# Reinsurance - intra-group

Form 51 - with-profits	31			
Form 51 - non-profit	32	258115	258115	241036
Form 52	33			
Form 53 – linked	34			
Form 53 - non-linked	35			
Form 54 – linked	36			
Form 54 - non-linked	37			
Total	38	258115	258115	241036

#### Net of reinsurance

Form 51 - with-profits	41					
Form 51 - non-profit	42	398119	23169593	507219	24074931	19531795
Form 52	43					
Form 53 – linked	44					
Form 53 - non-linked	45					
Form 54 – linked	46					
Form 54 - non-linked	47	4953	3754305	8553	3767811	2819594
Total	48	403072	26923898	515772	27842742	22351389

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2011**

£000

Units

# UK Life / Gross

Product code number 1	Product description	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)	6309	28859		n/a	n/a	n/a	395131
400	Annuity non-profit (CPA)	2701	1064		n/a	n/a	n/a	8402
440	Additional reserves non-profit OB				n/a	n/a	n/a	320

Form 51 (Sheet 1)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2011**
- 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)		1085		n/a	n/a	n/a	5733
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 2011**

£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
395	Annuity non-profit (PLA)	618	2999		n/a	n/a	n/a	89393
400	Annuity non-profit (CPA)	690253	1571099		n/a	n/a	n/a	21705323
405	Annuity non-profit (CPA impaired life)	16846	60449		n/a	n/a	n/a	910238
440	Additional reserves non-profit OB				n/a	n/a	n/a	806734

Form 51 (Sheet 3)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2011**
- 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)		76873		n/a	n/a	n/a	55491
405	Annuity non-profit (CPA impaired life)		36141		n/a	n/a	n/a	28489

Form 51 (Sheet 4)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2011**

Units **£000** 

UK Pension / Reinsurance ceded intra-group

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 7	Other liabilities 8	Amount of mathematical reserves 9
400	Annuity non-profit (CPA)		19653		n/a	n/a	n/a	258115

Form 51 (Sheet 5)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2011**

£000

Units

# Overseas / 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 <b>6</b>	Discounted value of units 7	Other liabilities 8	Amount of mathematical reserves 9
395	Annuity non-profit (PLA)	3364	14260		n/a	n/a	n/a	224380
400	Annuity non-profit (CPA)	6728	19062		n/a	n/a	n/a	283573
405	Annuity non-profit (CPA impaired life)	4	24		n/a	n/a	n/a	404
440	Additional reserves non-profit OB				n/a	n/a	n/a	853

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### Long-term insurance business : Valuation summary of non-linked contracts (other than accumulating with-profit contracts)

Name of insurer Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2011**
- Units **£000**

#### **Overseas / 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 <b>7</b>	Other liabilities 8	Amount of mathematical reserves 9
395	Annuity non-profit (PLA)		123		n/a	n/a	n/a	1709
405	Annuity non-profit (CPA impaired life)		17		n/a	n/a	n/a	282

Form 51 (Sheet 7)

Name of insurer				Avi	va An	nuity l	JK Li	mited			
						_					_

£000

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2011**

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	49	1304				8865	8865
915	Additional reserves index linked						7	7

Name of insurer	Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2011**
- Units **£000**

## UK Life / Reinsurance ceded external

Form 54 (Sheet 2)

Product code number 1	Product description 2	Number of policyholders / scheme members 3	Amount of benefit <b>4</b>	Amount of annual office premiums <b>5</b>	Nominal value of units 6	Discounted value of units <b>7</b>	Other liabilities 8	Amount of mathematical reserves 9
905	Index linked annuity		985				3919	3919

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 2011**

Units

## UK Pension / 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	47608	158483				3532617	3532617
907	Index linked deferred annuity	4378	10758				258946	258946
915	Additional reserves index linked						8408	8408

Name of insurer	Aviva Annuity UK Limited

- Total business / subfund Total Long-term insurance business
- Financial year ended **31st December 2011**
- Units **£000**

#### UK Pension / Reinsurance ceded external

Form 54	
(Sheet 4)	

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 8	Amount of mathematical reserves <b>9</b>
905	Index linked annuity		2331				45666	45666

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 2011**

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 <b>6</b>	Discounted value of units <b>7</b>	Other liabilities 8	Amount of mathematical reserves <b>9</b>
905	Index linked annuity	145	356				8540	8540
915	Additional reserves index linked						13	13

## Long-term insurance business: index linked business

Name of insurer	Aviva Annuity UK Limited
Total business	
Financial year ended	31st December 2011
Units	£000

		Value of assets	Mean term
		1	2
Analysis of assets			
Approved variable interest securities	11	989146	18.45
Other variable interest securities	12	809609	12.97
Approved fixed interest securities	13	96651	13.70
Other fixed interest securities	14	1704983	10.04
Cash and deposits	15		
Equity index derivatives	16		
Inflation swaps	17	(69569)	
Other assets	18	175836	
Variation margin	19	61155	
Total (11 to 19)	20	3767811	
Credit rating of other fixed interest and other variable interest securities			
AAA/Aaa	31	211198	11.82
AA/Aa	32	590529	11.57
A/A	33	1331676	12.00
BBB/Baa	34	306073	6.70
BB/Ba	35	52654	1.23
B/B	36		
CCC/Caa	37		
Other (including unrated)	38	22462	8.28
Total other fixed interest and other variable interest securities	39	2514592	10.98

## 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 2011
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	397799	4.29	4.29	4.49
UK Pens NP Form 51	22362859		4.29	4.49
OS L&GA NP Form 51	506366	4.29	4.29	4.49
UK L&GA NP Form 54	4947	0.51	0.51	0.68
UK Pens NP Form 54	3745897		0.51	0.68
OS L&GA NP Form 54	8540	0.51	0.51	0.68
Miscellaneous	816334			
TOTAL	27842742	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 2011
Units	£000

Financial year	Previous year
1	2

Valuation result			
Fund carried forward	11	28642742	22700909
Bonus payments in anticipation of a surplus	12		
Transfer to non-technical account	13	35299	107645
Transfer to other funds / parts of funds	14		
Subtotal (11 to 14)	15	28678041	22808554
Mathematical reserves	21	27842742	22351389
Surplus including contingency and other reserves held towards the capital requirements (deficiency) (15-21)	29	835299	457165

## Composition of surplus

Balance brought forward	31	349520	457165
Transfer from non-technical account	32		
Transfer from other funds / parts of fund	33		
Surplus arising since the last valuation	34	485779	
Total	39	835299	457165

## 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	35299	107645
Total distributed surplus (46+47)	48	35299	107645
Surplus carried forward	49	800000	349520
Total (48+49)	59	835299	457165

## 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 2011
Units	£000

LTICR factor	Gross reserves / capital at risk	Net reserves / capital at risk	Reinsurance factor	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%	24424751	24074931	0.99	240749	195318
Classes III, VII and VIII (investment risk)	33	1%	3817396	3767811	0.99	37678	28196
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					278427	223514

## Insurance market risk capital component

Life protection and permanent health reinsurance	41	0%					
Classes I (other), II and IX	42	3%	24424751	24074931	0.99	722248	585954
Classes III, VII and VIII (investment risk)	43	3%	3817396	3767811	0.99	113034	84588
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		28242147	27842742		835282	670542
Long term insurance capital requirement	51					1113709	894056

#### Supplementary notes

Name of insurer	Aviva Annuity UK Limited
Global business	

Financial year ended **31st December 2011** 

### Code

0310

#### 0204 Section 148 Waivers

### Rate of interest 648787

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.

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

		£'000
i)	Net admissible assets	00 400 040
	Form 13 Line 89 (Long term business)	29,139,316 833.063
	Form 13 Line 89 (Other than long term business) Form 14 Lines 11, 12 and 49	(28,339,316)
	Form 15 Line 69	(20,339,310) (217,144)
		1.415.919
		1,410,010
ii)	Components of Capital resources that are treated as a liability	200,000
,	Total i) to ii) above	1,615,919
		,,
	Form 3, line 79	1,615,919
Calc	ulation of valuation differences as required by instruction 9 to Form 3	
		0,000
		£'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	-
<b>L</b> )	purposes	
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 - Deferred tax provision	114,310
C)	Negative valuation differences in respect of assets where valuation in GENPRU and	114,010
0)	INSPRU is lower than the valuation that the firm uses for external financial reporting	-
	purposes	
d)	Negative valuation differences in respect of liabilities where valuation in GENPRU and	
	INSPRU exceeds the valuation that the firm uses for external financial reporting	
	purposes	
	- Mathematical reserves	(373,686)
	Net negative valuation difference included in line 35	(259,376)
		(===;==•)

#### Supplementary notes

Name of insurer	Aviva Annuity UK Limited
Global business	
Financial year ended	31st December 2011

#### Code

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

	£'000
Profit and loss account and other reserves at the end of the previous financial year (Form 3 Line 12 Column 4)	1,459.145
Profit retained for the financial year Profit arising in the long-term insurance fund that has not been transferred to the shareholder fund	38,304 230,678
Profit and loss account and other reserves at the end of this financial year (Form 3 Line 12 Column 3)	1,728,127

#### 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	-	2,487
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	100	-
Reversionary interests or remainders in property other than land or buildings	-	-

#### 1304 Amounts set off

#### 1310

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

#### 1305 Counterparty limits

#### 1319

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 £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 investment management. The maximum extent to which, in accordance with investment guidelines operated by the company, it was permitted to be exposed to any one counterparty and connected companies rated AA- or higher during the financial year was 5% and 3% for any one counterparty and connected companies rated BBB- to A+. The maximum extent to which fully secured mortgage debt was

#### Supplementary notes

Name of insurer	Aviva Annuity UK Limited
Global business	
Financial year ended	31st December 2011

#### Code

permitted to be exposed to any one counterparty and connected companies was 10%. Over the financial year there were no breaches of the above limits.

#### 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.

#### 1302 Hybrid securities

The aggregate value of hybrid securities is £188m

#### 1318 Other asset adjustments

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

	Category 10 £'000
Gross up of derivative balances	5,996
Total	5,996

#### 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

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

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

There are no charges over any assets of the Company.

There are no guarantees, indemnities or any other contractual commitments in respect of related companies.

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 £262,700k.

#### Supplementary notes

Name of insurerAviva Annuity UK LimitedGlobal business31st December 2011

#### Code

#### 1405 Other adjustments to liabilities

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

	Total £'000
Adjustment to mathematical reserves	(373,686)
Adjustment to deferred tax provision	114,310
Gross up of derivatives	5,996
Total	(253,380)

## 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 £507k.

The variation margin is allocated as follows:

	£'000
Form 13 line 44	(255,685)
Form 14 line 38	255,178

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

There were no 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 2011** 

#### 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 eight debentures currently in default is not included in column 3 of Form 48. The total expected interest is £4,468k. 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 £348.0m.

#### 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)	1.08% 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.

 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 2011** 

#### 1. Introduction

- (1) The valuation date is 31 December 2011.
- (2) The previous valuation was completed with an effective date of 31 December 2010.
- (3) No interim valuations have been carried out.

#### 2. Product Range

There have been no significant changes to the product range during 2011.

#### 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 RPI-linked annuities is determined with a market-consistent inflation assumption (3.40% pa at 31 December 2011) as the allowance for future increases in annuity payments. This is consistent with the treatment of the matching assets. The treatment of RPI-linked annuities which are subject to maximum and minimum percentage annual increases is described in 5 (4) below.

(2) The following table gives the valuation interest rates at the end of 2011 compared with those at the end of 2010. 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 ra			
Product Group	31/12/2011 %	31/12/2010 %		
Non-linked pensions annuities	4.294	5.266		
Non-linked life and general annuities	4.294	5.266		
Index-linked pensions annuities	0.509	0.980		
Index-linked life and general annuities	0.509	0.980		
Bulk Purchase Annuities – Non-linked	4.294	5.266		
Bulk Purchase Annuities – Index-linked	0.509	0.980		

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 2011

(3) In accordance with INSPRU 3.1.41R, a prudent adjustment, excluding that part of the yield estimated to represent compensation for the risk that the income from the asset might not be maintained or that capital repayments might not be received as they fall due, 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	31/12/2011	31/12/2010
Commercial mortgages	0.50%	0.50%
Healthcare mortgages (GPFC)	0.10%	0.10%
Non-linked equity release mortgages	1.35%	1.35%
RPI linked equity release mortgages pre-2007	2.25%	2.25%
RPI linked equity release mortgages 2007 onwards	3.60%	3.60%
Index-linked property	0.69%	0.69%
Corporate Bonds – AAA	0.14%	0.13%
Corporate Bonds – AA	0.30%	0.31%
Corporate Bonds – A	0.53%	0.38%
Corporate Bonds – BBB	0.96%	0.84%
Corporate Bonds – BB	3.00%	2.86%
Corporate Bonds – B	6.09%	5.28%
Corporate Bonds – C	9.72%	8.43%
Corporate Bonds – unrated	0.96%	0.84%
Private placements	See Note	See Note
Swaps	0.00%	0.00%

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

In addition, specific additional reserves are held in respect of the extra default risk in corporate bond and commercial mortgage markets. These are detailed in Section 8.

The valuation rate of interest used is net of a deduction of 0.08% pa which provides a prudent margin for cash flow reinvestment and disinvestment risk.

(4) Except for Bulk Purchase Annuities, mortality is based on UK standard published tables with prudent allowance for current experience, and adjustments for improving longevity. For Bulk Purchase Annuities, mortality for pensions in payment is based upon "Model C" mortality 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.

The 2011 mortality basis is unchanged from the 2010 mortality basis for all Aviva Annuity UK Limited business except for strengthening of the basis for the block of business originating in Provident Mutual.

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 2011

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

		31/12/	2011	31/12	/2010
	Base table	Male %	Female %	Male %	Female %
Pension Annuity (pre 2001)	PCMA00/PCFA00	88.5	83.0	88.5	83.0
Pension Annuity (2001-2009)	PCMA00/PCFA00	78.0	73.5	78.0	73.5
Pension Annuity (post-2009)	PCMA00/PCFA00	75.0	70.5	75.0	70.5
General Annuity	IML00/IFL00	69.0	72.0	69.0	72.0
Structured Settlements	ONS Interim Life Tables UK 2006-2008 adjusted	95.0	95.0	95.0	95.0
Improvement rates applied to both Pension	Medium cohort applicable from 2005	100.0	75.0	100.0	75.0
and General Annuities	Minimum rate pa	2.0	1.5	2.0	1.5
Improvement rates applied to Structured Settlements	ONS improvement table	100% plus additional 0.5% pa			% plus I 0.5% pa

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 has been strengthened further. The 2011 and 2010 mortality bases and improvement rates for this business are as follows:

	PM – originated business							
	31/12/2	011		31/12/2010				
	Base table	Male %	Female %	Base table	Male %	Female %		
Individual business	IML00/IFL00	75.0	75.0	IML00/IFL00	80.0	80.0		
Group business	PCMA00/PCFA00	85.0	95.0	PCMA00/PCFA00	90.0	100.0		
Improvement rates applied to both Individual	Medium cohort applicable from 2005	100.0	75.0	Medium cohort applicable from 2005	100.0	75.0		
and Group business	Minimum rate pa	2.0	1.5	Minimum rate pa	2.0	1.5		

	Bulk Purchase Annuity mortality in deferment							
	31/12/2	2011		31/12/2010				
Base tableMaleFemaleB%%		Base table	Male %	Female %				
Bulk Purchase Annuities	AM00 (ultimate)/ AF00 (ultimate)	83.6	86.0	AM00 (ultimate)/ AF00 (ultimate)	83.6	86.0		
Improvement rates	Medium cohort applicable from 2005	100.0	75.0	Medium cohort applicable from 2005	100.0	75.0		
	Minimum rate pa	2.0	1.5	Minimum rate pa	2.0	1.5		

#### 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 2011

The base mortality table used for Bulk Purchase Annuity mortality in payment is a bespoke table and is denoted "Model C". The mortality basis for Bulk Purchase Annuity mortality in payment is shown in the table overleaf:

	Bulk Purchase Annuity Mortality in Payment:					
	31/12/2011			31	/12/2010	
	Base table	Male %	Female %	Base table	Male %	Female %
*Bulk Purchase Annuities	Model C	84.15 to 109.395	84.15 to 107.525	Model C	93.5 to 100.98	93.5 to 107.525
Improvement rates	Medium cohort applicable from 2005	100.0	75.0	Medium cohort applicable from 2005	100.0	75.0
	Minimum rate pa	2.0	1.5	Minimum rate pa	2.0	1.5

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

Changes since 2010 are as a result of new business written on scheme-specific terms.

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	/2011	
Expectations of life (years)	Ma	ale	Female	
	65	75	65	75
Pension Annuity (pre 2001)	24.4	15.0	26.2	16.7
Pension Annuity (2001-2009)	25.8	16.1	27.4	17.8
Pension Annuity (post-2009)	26.2	16.5	27.9	18.1
General Annuity	27.0	17.0	28.3	18.1
Provident Mutual originated individual annuity	26.1	16.3	27.9	17.7
Provident Mutual originated group annuity	24.8	15.4	24.9	15.6
Bulk Purchase Annuities	24.6	15.2	26.4	17.0
Structured Settlements	23.4	14.7	26.1	16.6

		31/12	/2010	
Expectations of life (years)	Ma	ale	Fen	nale
	65	75	65	75
Pension Annuity (pre 2001)	24.2	14.8	26.1	16.6
Pension Annuity (2001-2009)	25.6	16.0	27.3	17.6
Pension Annuity (post-2009)	26.0	16.3	27.7	18.0
General Annuity	26.8	16.8	28.1	18.0
Provident Mutual originated individual annuity	25.2	15.6	27.1	17.1
Provident Mutual originated group annuity	24.0	14.7	24.3	15.1
Bulk Purchase Annuities	24.3	15.0	26.2	16.8
Structured Settlements	23.2	14.5	25.9	16.4

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 2011

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

		At Ag	ge 65	
Expectations of life (years)	Male 31/12/2011 31/12/2010		Fen	nale
			31/12/2011	31/12/2010
Bulk Purchase Annuities:				
Current Age 45	29.2	29.0	29.6	29.4
Current Age 55	26.8	26.6	28.0	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			
	2011 2010			
Annuity non-profit CPA (400)	15.41	15.87		
Annuity non-profit (bulk transfer) (401)	29.51	28.16		

Per-policy expenses on CPA business have decreased since 2010 because of a larger number of policies over which the maintenance costs are spread.

An additional reserve of £11.9m has been established in respect of project cost overruns.

The assumed future inflation rate applying to maintenance expenses is 2.84% 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 cashflows 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 cashflows for fixed interest business, and provide longterm fixed interest cash flows in exchange for short and medium term cashflows.

Two swaps provide fixed interest cash flows in exchange for RPI linked cashflows from two corporate bond assets used to back long-term fixed interest liabilities. Two swaps are held to provide fixed interest cashflows in exchange for LIBOR cashflows, and these are used to back long-term fixed interest liabilities.

Seventeen credit default swaps are held to hedge the risk of default on certain assets backing the liabilities - one fixed interest and sixteen index-linked.

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

Fifty five 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 which 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. 54

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

Name of Insurer **Aviva Annuity UK Limited** 

Global business

31 December 2011 Financial year ended

(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) A reserve of £3m is held in respect of the guaranteed insurability option that exists on two bulk purchase annuity schemes. This option allows new member pensions to be placed with Aviva Annuity UK Limited (over the five years from October 2008) on guaranteed mortality assumptions. The amount of business that can be placed with Aviva Annuity UK Limited is limited to £200m on one scheme and to £75m on the other.

The reserve held is 2.5% of the outstanding limit in respect of this guarantee. This outstanding limit was £65m on the first scheme and £53m on the second scheme at end December 2011, which resulted in the reserve of £3m.

(4) Some RPI-linked annuities are subject to maximum and minimum percentage increases. For valuation purposes these are treated as being identical to normal RPI-linked annuities.

There are no other guarantees with any value.

#### 6. Expense Reserves

- (1) Based on the non-linked business in force at 31 December 2011, the explicit allowance for maintenance expenses during 2012 is £12.6m and the implicit allowance for investment expenses, in the valuation rate of interest, during 2012 is £16.3m. All expenses have been treated as attributable.
- The implicit allowance for investment expenses was estimated by applying the investment expense (2) deductions by asset class assumed in the valuation interest rate calculation to the assets allocated to the valuation liabilities.
- (3) The maintenance expenses in line 14 of Form 43 are £20.6m. This figure compares directly with the sum of the expenses above in 6(1) of £28.9m. The difference at 31 December 2011 is mainly driven by changes to accounting provisions since 31 December 2010.
- (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 2011 and a reserve for £33.9m, corresponding to the full cost, was included on Form 51.
- (6) There are no expenses which have been treated as non-attributable.

#### 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 £752m of US dollar bonds and £38m 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 2011, 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 2011 was test (a). 55

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 2011** 

- (5) Two tests were applied at December 2011, 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 2.7% 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 2011 was test (a).

- (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 £17.3m.
  - (b) The aggregate value of liabilities decreased by £1,377.9m.
  - (c) The aggregate value of assets decreased by £1,395.2m.
- (7) The valuation liabilities include an allowance of a 0.08% 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 £150m in respect of corporate bonds is held to cover current recessionary conditions and risks from call options on bonds.

A reserve of £350m in respect of commercial mortgages is held for additional credit defaults arising due to current recessionary conditions and reduced property valuations.

A reserve of £50m is held for the possibility that moving mortality improvement assumptions onto the CMI Model produces a strengthening of assumptions due to rounding of parameters.

A reserve of £21m covers Aviva Annuity UK Limited's share of funding costs for the Aviva staff pension scheme deficit.

#### 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 2011	£0.041m
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 £9.782m
Retention limit for new policies	10% retained of each new annuity

#### 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 2011

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 2011	£4.538m
Deposit back arrangements	Not applicable
Open/closed to new business	Closed to new business
Undischarged liabilities	None
Mathematical reserves ceded	£9.394m
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%	Longevity swap in respect of 3%
	of a defined block of in-force UK	of a defined block of in-force UK
	pension annuity business	pension annuity business
	agreed at the treaty	agreed at the treaty
	commencement date.	commencement date.
Premiums payable in 2011	£40.900m	£17.528m
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	£27.857m	£11.939m
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.

	Treaty 7	
Reinsurer	RGA Reinsurance UK Limited	RGA Reinsurance US Limited
Nature of cover	Longevity swap in respect of varying proportions of new enhanced	
	pension annuities written from the treaty commencement date. The	
	UK arm takes 10% of the total business reinsured whilst the US arm	
	takes 90% of the total business reinsured.	
Premiums payable in 2011	£2.771m	£24.936m
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	£2.011m	£18.107m
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 F	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.

#### 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 2011

	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 2011	£55.454m
Deposit back arrangements	Not applicable
Open/closed to new business	Closed to new business
Undischarged liabilities	None
Mathematical reserves ceded	£8.235m
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	
		new enhanced pension annuities
		ment date. The International arm
		nsured whilst the Global arm takes
	95% of the total business reinsured	
Premiums payable in 2011	£0.011m	£0.218m
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	£1.552m	£29.495m
Retention limit for new policies	automatically underwritten and underwritten. Otherwise, policies including £1m have 60% retained 40% retained if manually underwrit in excess of £1m but not more	e than £20,000, 90% is retained if 80% is retained if manually with a Purchase Price up to and d if automatically underwritten and ten. Policies with a Purchase Price than £2m have 75% retained if 6 retained if manually underwritten. Price in excess of £2m.

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.

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 2011

There was one reinsurance treaty 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 2011	£NIL
Deposit back arrangements	Not applicable
Open/closed to new business	Closed to new business
Undischarged liabilities	None
Mathematical reserves ceded	£258.115m
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.

#### 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 2011

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

- Derivatives will only be used in accordance with FSA 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 business31st December 2011

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 insurerAviva Annuity UK LimitedGlobal businessFinancial year ended31st December 2011

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

J R LISTER Director

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P WILLCOCK Director

March 2012

# Independent auditor's report to the directors pursuant to rule 9.35 of the Interim Prudential Sourcebook for Insurers

### Aviva Annuity UK Limited

#### **Global business**

#### Financial year ended 31 December 2011

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 138 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(a) ("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).

This report is made solely to the insurer's directors, in accordance with IPRU(INS) rule 9.35. Our audit work has been undertaken so that we might state to the insurer's directors those matters we are required by the Rules to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the insurer for our audit work, for this report, or for the opinions we have formed.

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

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. 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.

#### **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 on which we reported on 28 March 2012. It also included an assessment of the significant estimates and judgments 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.

#### Opinion

In our opinion:

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

Ernst & Young LLP Statutory Auditor London 28 March 2011