

**New Police Pension Scheme 2006
Transfer Values and Pension Sharing**

10 April 2007



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1 Introduction

1.1 Scope of this guidance note

- 1.1.1 This note relates to the New Police Pension Schemes introduced in April 2006 that cover England & Wales and Scotland. It sets out the general method for assessing:
- Public Sector Transfer Club transfer values
 - statutory CETV (ie non-Club) transfer values
 - service credits on transfer in (Club or statutory CETV)
 - cash equivalents on divorce
 - pension debits and pension credits on divorce
- 1.1.2 In England & Wales and Scotland this note supersedes the transfer value guidance issued by the Government Actuary's Department on 7 July 2006. However, this note does not cover the New Police Pension Scheme in Northern Ireland and so the 7 July 2006 transfer guidance remains applicable to the New Police Pension Scheme in Northern Ireland.
- 1.1.3 This note should not be used for statutory CETVs (ie non-Club transfer values) or cash equivalents for divorce for active or deferred female members who are entitled to a deferred pension payable from 65 and who have a GMP entitlement. Such cases should be referred to the Home Office or the Scottish Public Pensions Agency, as applicable; see section 1.2.2.
- 1.1.4 This note does not cover transfers to and from the British Transport Police Force Superannuation Fund under any bilateral agreement.
- 1.1.5 This note contains the tables and guidance to be issued by the scheme actuary that is referred to in the following regulations of The Police Pensions Regulations 2006:
- regulation 15 – service credit on bringing a transfer value into NPPS
 - regulation 26 – reduction to aggregate pension contributions in respect of pension debit (paragraph 4.7.12 of this note)
 - regulation 36 – application of pension debit to officer's pension
 - regulation 61 – determination of pension credit
 - regulation 78 – transfer value payable on leaving NPPS
- 1.1.6 References in this guidance to the England & Wales Police Pensions Regulations 1987 and 2006 should also be taken to include their equivalents in Scotland.

1.2 Questions about this guidance

- 1.2.1 If you have any questions about how to use this guidance, in the first instance administrators should consult published information or raise queries on the Police Pensions Administrators' Forum, at:

<http://pensions.police.homeoffice.gov.uk/>

- 1.2.2 If the Forum does not help, administrators may contact the Police Pensions Teams at the Home Office or the Scottish Public Pensions Agency, as applicable. These teams can be contacted in writing at the following addresses:

Police Pensions and Retirement Policy Section
Police Human Resources Unit
6th Floor, Fry Building
Home Office
2 Marsham Street
London
SW1P 4DF

Scottish Public Pensions Agency
7 Tweedside Park
Tweedbank
Galashiels TD1 3TE

- 1.2.3 The Home Office or the SPPA will seek input from the scheme actuary if necessary.

2 Transfer values on transfers out of the NPPS

2.1 Club transfers out

2.1.1 Members of the New Police Pension Scheme 2006 (NPPS) are generally entitled to take a transfer value to another pension arrangement. Where the new pension scheme is another scheme that participates in the Public Sector Transfer Club, the transfer will normally be effected on Club terms. The same transfer value is normally paid for both Club and statutory CETV (ie non-Club) transfers.

2.1.2 The Police Pensions Regulations 2006 define the circumstances under which a member is entitled to take a transfer value. Members with over 3 months of service would generally be entitled to a transfer value. Members with less than two years of qualifying service would normally be entitled to a refund of contributions. Members with between 3 months and two years of service would generally have a choice between a transfer value and a refund of contributions.

2.1.3 Guarantee Date

The relevant date for calculating a transfer value is the "guarantee date" as defined in The Occupational Pensions Schemes (Transfer Values) Regulations 1996, ie it must be within 3 months (or exceptionally 6 months) of the date of the member's application.

2.1.4 A transfer value should be guaranteed for three months from the guarantee date. If a request to pay the transfer value is made within three months of the guarantee date, it will not be necessary to recalculate the transfer value.

2.1.5 Calculation of pension benefits

The benefits to be valued for serving police officers are those that would be payable if the member had left service on the date of the calculation – either deferred benefits or the payment of immediate benefits. For a member with less than two years of service the benefits valued are the deferred benefits that would be payable if there were not a two-year qualifying period for deferred benefits.

2.1.6 The benefits to be valued for a deferred member should include revaluation to the guarantee date. The accrued pension benefits should be calculated at the last day of service, and then increased in line with Pensions Increase (Review) Orders. Guaranteed Minimum Pensions (GMPs) should be increased in line with the Revaluation of Earnings (Section 148) Orders.

2.1.7 Contracted-out rights

NPPS is contracted out of the State Second Pension. The contracted-out liabilities – GMPs and post-1997 contracted-out rights – may be transferred if the receiving scheme is able to receive them. The value of post-1997 contracted-out rights (known as section 9(2B) rights) must be shown separately.

2.1.8 The transfer value includes an adjustment to reflect the increases on the Guaranteed Minimum Pension which are the responsibility of the State Scheme after State Pension Age. Annual GMP figures can be obtained by multiplying the weekly GMP figures by 52.

2.1.9 Adjustment for Market Conditions

The transfer value includes an Adjustment for Market Conditions (AMC). This AMC factor depends on the member's age at the guarantee date and the yield on index-linked government bonds. The appropriate yield to be used is that on the FT Actuaries index of index-linked stocks for redemption periods of over 5 years with 0% inflation assumption. The yield on first working day of the calendar month into which the guarantee date falls should be used.

2.1.10 The AMC factors for deferred members and active members entitled to deferred benefits from age 65 are shown in Table D. Where the appropriate yield is not a whole number, the factor should be obtained by interpolating between the closest two factors, to produce the AMC factor for the transfer value calculations. If the appropriate yield is below 2%, the AMC factor appropriate for a 2% yield is to be used.

2.1.11 Survivor's pension

The factor for the survivor's pension depends on whether or not the member has a partner who would qualify for a survivor's pension in the event of the member's death. If at the calculation date the member is married, has a civil partner, or other registered adult partner who would qualify for benefits, then the factor for the survivor's pension should be taken from the With Partner column of the tables.

2.1.12 Calculation of the transfer value

For deferred members and active members entitled to deferred benefits from age 65 the transfer value should be calculated using the following formula.

$$[CP \times F_p + LS \times F_{ls} + SUR \times F_{sur} - (PRE\ GMP + 0.45 \times POST\ GMP) \times F_{gmp}] \times AMC$$

CP	member's pension
LS	member's lump sum
SUR	pension payable on the death of the member to their spouse or partner
PRE GMP	annual GMP accrued before 6.4.88
POST GMP	annual GMP accrued from 6.4.88
F _p	factor for member's pension – Table A1 or A2
F _{ls}	factor for member's lump sum – Table A1 or A2
F _{sur}	factor for survivor's pension – Table A1 or A2
F _{gmp}	factor for GMP saving – Table A1 or A2
AMC	adjustment for market conditions – Table D

2.1.13 Active members entitled to immediate benefits

For active members aged over 55 who are entitled to immediate benefits, the transfer value should be calculated using the following formula:

$$[CP \times F_p + SUR \times F_{sur} - (PRE\ GMP + 0.45 \times POST\ GMP) \times F_{gmp}] \times AMC + LS$$

CP	member's pension
LS	member's lump sum
SUR	pension payable on the death of the member to their spouse or partner
PRE GMP	annual GMP accrued before 6.4.88
POST GMP	annual GMP accrued from 6.4.88
F _p	factor for member's pension –Table E1 or E2
F _{sur}	factor for survivor's pension –Table E1 or E2
F _{gmp}	factor for GMP saving – Table E1 or E2
AMC	adjustment for market conditions – Table H

2.1.14 Members with a pension debit

The transfer value should be calculated in two stages. Firstly a gross transfer value should be calculated ignoring the pension debit. Secondly, the value of the pension debit should be calculated (ie the transfer value of a deferred pension of the same amount as the debit). The results of both calculations should be passed to the receiving scheme. The transfer value paid is the net amount: the gross transfer value less the value of the pension debit.

2.1.15 Alerting members to the statutory CETV transfer route

In some circumstances a statutory CETV (non-Club) transfer may produce a higher service credit for the member than a Club transfer. On responding to a request for a Club transfer value, the police pension administrator should suggest to the administrator of the receiving scheme that they alert the member to the possibility that the statutory CETV route could, in some circumstances, result in a higher service credit. It would then be for the member to consider acting on the information by requesting a statutory CETV quotation from NPPS.

2.2 Statutory CETV transfers out

2.2.1 This note should not be used for statutory CETVs (ie non-Club transfer values or cash equivalents for divorce) for active or deferred female members who are entitled to a deferred pension payable from 65 and who have a GMP entitlement: see section 1.1.2.

2.2.2 The calculation of a statutory CETV (ie non-Club transfer value) is the same as the calculation of a Club transfer value, as described in section 2.1 of this note. However, if the member has received a transfer in from another scheme, then an underpin applies to the statutory CETV, as described below.

2.2.3 Underpin in respect of previous transfer in

If the member has received a transfer in of benefits from another scheme, then an underpin applies to the CETV. The underpin is calculated using the following formula:

$$\text{Underpin} = TV_{\text{ActSer}} + TV_{\text{in}}$$

TV_{ActSer} the transfer value based on actual service, calculated in accordance with 2.2.4 below

TV_{in} the value of the previous transfer in, calculated in accordance with 2.2.5 below

2.2.4 The transfer value based on actual service is calculated in accordance with section 2.1, but the value of the benefits is based on reckonable service in the NPPS ignoring any service credit in respect of the previous transfer in. The member's pension (CP), the member's lump sum (LS) and the pension payable on the death of the member to their spouse or partner (SUR) should be recalculated using the lower service figure. Then TV_{ActSer} can be calculated using the formula in 2.1.12 or 2.1.13 as appropriate.

2.2.5 The value of transferred in service TV_{in} is usually the amounts of the previous transfer value received by the police authority but there are some exceptions. The value to use for different types of transfer in are as follows:

- where the transfer in was a statutory CETV (ie non-Club) transfer, TV_{in} is the transfer value that was received
- where the transfer in was a Club transfer, TV_{in} is the transfer value that was received
- where the transfer in was received from the British Transport Police Superannuation Fund, TV_{in} is the statutory CETV that would otherwise have been available to the member from the BTPFSF at the date of the previous transfer
- where the transfer in was from the Police Pension Scheme 1987 (PPS) on the special conversion terms available from that scheme in certain circumstances, TV_{in} is the CETV that would otherwise have been available on the effective date of the transfer
- where the transfer in was from a bulk transfer into the NPPS, TV_{in} is the CETV that would have been available from the member's previous scheme at the date of transfer

If more than one transfer in has been received, TV_{in} should be the sum of the specified figures for all the transfers received. There is no need to perform the underpin check in respect of transfers in from the corresponding NPPS schemes in other parts of the UK.

2.2.6 If the underpin calculated in 2.2.3 is greater than the transfer value calculated in 2.2.2, then the transfer value should be increased so that it equals the underpin.

2.2.7 Value of section 9(2B) rights

The value of post-1997 contracted-out rights (known as section 9(2B) rights) must be shown separately on the transfer value statement.

2.2.8 If the underpin applies, then the value of section 9(2B) rights is the sum of:

- the transfer value based on actual service on and after 6 April 1997
- the part of any transfer value received which related to section 9(2B) rights

2.2.9 Value of GMP benefits

Receiving pension arrangements may sometimes ask for a valuation of the GMP rights within the overall CETV, so that this part of the transfer value may be designated as Protected Rights in a money purchase contracted-out pension fund. The GMP rights of a male member can be valued using the GMP valuation factors in table A1. The value of the GMP is calculated using the following formula:

$$(\text{PRE GMP} + 1.25 \times \text{POST GMP}) \times F_{\text{gmpval}} \times \text{AMC}$$

PRE GMP	annual GMP accrued before 6.4.88
POST GMP	annual GMP accrued from 6.4.88
F_{gmpval}	factor for GMP valuation – Table A1
AMC	adjustment for market conditions – Table D

Note that factors from Table A1 and Table D should be used even where the member's transfer value is calculated using tables E1 and H.

2.2.10 GMP valuation factors are not given for female members because this guidance does not generally cover the calculation of statutory CETVs for female members with GMPs (and the valuation of GMP rights is not relevant in Club transfers). GMP valuation factors for active female members aged over 55 who are entitled to immediate benefits can be provided by GAD on request.

2.2.11 Pension debit members

If a pension debit member requests a statutory CETV, the quotation given should be based on the pension benefits after the debit. The member's benefits should be calculated as at the guarantee date, initially ignoring the pension debit. The pension debit should be revalued to the guarantee date and deducted from the member's benefits. The transfer value quotation should be based on the benefits after the debit.

2.2.12 Transfers to overseas schemes

A transfer payment can be made to a Qualifying Recognised Overseas Pension Scheme (QROPS) listed on HMRC's website, subject to various requirements set out in The Contracting-out (Transfer and Transfer Payment) Regulations 1996 (SI 1996 No. 1462). Note that pension schemes established in the Isle of Man or the Channel Islands are classed as overseas schemes. Transfers to overseas schemes must be reported to HMRC by the police pensions administrator using an online event report. Transfers must also separately be reported to HMRC's National Insurance Contributions Office.

2.2.13 The transfer value should be calculated in the normal way.

3 Service credits on transfers in to the NPPS

3.1 Club transfers in

- 3.1.1 Members of NPPS are generally entitled to bring a transfer value from another pension arrangement. Where the previous pension scheme participates in the Public Sector Transfer Club, the transfer will normally be effected on Club terms.
- 3.1.2 Club transfers are not permitted from the Police Pension Scheme 1987 to NPPS. The terms described in section 3.2 will therefore apply for any transfers from the Police Pension Scheme 1987 to NPPS where the special conversion terms are not applicable.
- 3.1.3 Calculation of the service credit**
- The age, marital status, GMP and index-linked bond yield used to calculate the Adjustment for Market Conditions should be the same as those used by the previous scheme to calculate the Club transfer value.
- 3.1.4 The pensionable pay figure should be the same as that used by the previous scheme. Where, at the guarantee date, the previous scheme has increased the deferred benefits at leaving to allow for pensions increases or GMP revaluations, the pensionable pay figure used in the service credit calculations will also have to be increased. The pensionable pay used should be the pensionable pay at leaving increased by the same rate that the previous scheme used to increase the accrued pension benefits.
- 3.1.5 If the member either worked part time in the previous scheme or is working part time as a police officer in NPPS, the service credit awarded shall nevertheless count as full time service. It shall be calculated using the member's full-time equivalent pensionable pay in the previous scheme, after revaluation if applicable.
- 3.1.6 The factor for the survivor's pension depends on whether or not the member has a partner who would qualify for a survivor's pension in the event of the member's death. If at the calculation date the member is married, has a civil partner, or other registered adult partner who would qualify for benefits, then the factor for the survivor's pension should be taken from the With Partner column of the tables.
- 3.1.7 The formula used to calculate the service credit is as follows:

$$[TV \div AMC + (PRE\ GMP + 0.45 \times POST\ GMP) \times F_{gmp}] \div 1yr$$

TV	the Club transfer value paid by the previous scheme
AMC	the adjustment for market conditions, as used by the previous scheme
PRE GMP	annual GMP accrued before 6.4.88, as used by the previous scheme
POST GMP	annual GMP accrued after 6.4.88, as used by the previous scheme
F_{gmp}	factor for GMP saving, as used by the previous scheme
1yr	the cost of one year's accrual, as calculated in section 3.1.8

3.1.8 The cost of one year's accrual is calculated as

$$[F_p + 4 \times F_{Is} + 0.5 \times F_{sur}] \times PAY \div 70$$

F_p	factor for member's pension – Table B1 or B2
F_{Is}	factor for member's lump sum – Table B1 or B2
F_{sur}	factor for survivor's pension – Table B1 or B2
PAY	member's pay in the previous scheme, see sections 3.1.4 and 3.1.5

3.1.9 Section 9(2B) rights

If the transfer value received includes benefits in respect of service on or after 6 April 1997 in a contracted out pension scheme, the NPPS service credit in respect of benefits identified by the former scheme as post-97 contracted-out rights must be recorded as section 9(2B) rights. The length of the service credit that counts as section 9(2B) rights is determined as follows:

$$[TV_{post97} \div AMC] \div 1yr$$

TV_{post97}	the portion of the transfer value identified as post-1997 contracted-out rights
AMC	the adjustment for market conditions, as used by the previous scheme
1yr	the cost of one year's accrual, as calculated in section 3.1.8

3.1.10 Members with a pension debit

The sending scheme should pass details of the gross transfer value (calculated ignoring the pension debit) and the value of the pension debit. The gross transfer amount should be used in the normal Club transfer in calculation, as per section 3.1.7, to determine the service credit.

3.1.11 The value of the pension debit should be used to calculate a pension debit in NPPS using the following formula:

$$TV_{debit} \div [(F_p + 4 \times F_{Is} + 0.5 \times F_{sur}) \times AMC]$$

TV_{debit}	value of the pension debit as advised by the sending scheme
F_p	factor for member's pension – Table A1 or A2
F_{Is}	factor for member's lump sum – Table A1 or A2
F_{sur}	factor for survivor's pension – Table A1 or A2
AMC	the adjustment for market conditions, as used by the previous scheme

The factors used should be for the same age and marital status as those used by the previous scheme to calculate the Club transfer value.

3.1.12 After transfer the pension debit should be revalued in the normal way up to retirement.

3.1.13 Alerting members to the statutory CETV transfer route

In the following circumstances, a statutory CETV (ie non-Club) transfer may produce a greater service credit for the member:

- the Club transfer value offered by the previous scheme is smaller than the statutory CETV available, or
- the member suffers a reduction in pensionable pay on transfer.

On receiving a request for a Club service credit quotation, the police pension administrator should alert the member to the possibility that, in the circumstances mentioned above, processing the transfer as a statutory CETV could result in a higher service credit in NPPS than the Club transfer route. It would then be for the member to consider acting on the information by requesting a statutory CETV quotation from the former scheme.

3.1.14 Members' records

As well as service credit and GMP details, a record should be kept of:

- amount of the transfer value received
- the portion of the transfer value identified as section 9(2B) rights
- length of service credit that is section 9(2B) rights
- length of qualifying service transferred from the former scheme

3.2 Statutory CETV transfers in

3.2.1 On receipt of a statutory CETV (ie non-Club transfer value), the service credit awarded to the transferring member shall be calculated as follows.

3.2.2 The relevant date

The age, marital status, pensionable pay, GMP, and AMC used in the calculation should be determined as at the relevant date for the calculation. The relevant date is the date on which the transfer payment is received, except where:

- The transfer payment is received within 12 months of the member joining or rejoining a police force, in which case the relevant date is the date of joining or rejoining.
- An officer requests a quotation of the service credit in advance of the transfer value being paid. If the transfer payment is subsequently received within 3 months of the calculation date for the quotation, and if the amount of the transfer value is unchanged from the amount used in the quotation, the relevant date is the same as used for the quotation (ie the quoted service credit is honoured).

3.2.3 Receiving a transfer that includes a GMP

The NPPS is able to receive statutory CETV (ie non-Club) transfers from former schemes that include GMPs. The GMP amount must be revalued to the relevant date. In cases where:

- the last day of service in the former scheme is in the same tax year as the relevant date; or
- the former scheme revalues GMP by Section 148 orders and the GMP has been revalued to the tax year in which the relevant date falls;

the GMP given by the former scheme may be used.

3.2.4 Otherwise administrators should apply using the appropriate form to the National Insurance Contributions Office of HMRC requesting the GMP appropriate to the relevant date, revalued by reference to Section 148 orders. This GMP amount must be used in the check described at 3.2.5 and in the service credit calculation at section 3.2.11.

3.2.5 Before a statutory CETV is accepted a check must be conducted to ensure that the transfer value is large enough to ensure that the GMP liability will be covered. Such part of the transfer value as relates to pension benefit accrual before 6th April 1997 must be at least as great as the product of:

- the annual amount of the GMP revalued up to the calculation date, and
- the factor specified below:

Age	Factor
29 or under	8
30 to 39	9
40 to 49	10
50 or over	12

If this test is not satisfied, the transfer cannot be accepted by the NPPS.

3.2.6 In a case where a transfer cannot be accepted because the GMP test at section 3.2.5 is not satisfied, the NPPS would nevertheless be able to accept a transfer value in respect of the benefits in excess of the GMP, with the GMP liability remaining with the former scheme.

3.2.7 Calculation of the service credit

The age, marital status, pensionable pay, GMP, and AMC used in the calculation should be determined as at the relevant date.

3.2.8 The figure for the member's pay should be their pensionable pay in NPPS expressed as an annual rate (ie as would be used in the calculation of lump sum death grant) as at the relevant date.

3.2.9 If the member is working part time as a police officer in NPPS, the service credit awarded shall nevertheless count as full time service. It shall be calculated using member's full-time equivalent pensionable pay.

3.2.10 The factor for the survivor's pension depends on whether or not the member has a partner who would qualify for a survivor's pension in the event of the member's death. If at the relevant date the member is married, has a civil partner, or other registered adult partner who would qualify for benefits, then the factor for the survivor's pension should be taken from the With Partner column of the tables.

3.2.11 The formula used to calculate the service credit is as follows:

$$[TV \div AMC + (PRE\ GMP + 0.45 \times POST\ GMP) \times F_{gmp}] \div 1yr$$

TV	the transfer value
AMC	adjustment for market conditions – Table D
PRE GMP	annual GMP accrued before 6.4.88 revalued up to the relevant date
POST GMP	annual GMP accrued after 6.4.88 revalued up to the relevant date
F _{gmp}	factor for GMP saving – Table C1 or C2
1yr	the cost of one year's accrual, as calculated in section 3.2.12

3.2.12 The cost of one year's accrual is calculated as

$$[F_p + 4 \times F_{ls} + 0.5 \times F_{sur}] \times PAY \div 70$$

F_p	factor for member's pension – Table C1 or C2
F_{ls}	factor for member's lump sum – Table C1 or C2
F_{sur}	factor for survivor's pension – Table C1 or C2
PAY	member's pensionable pay in NPPS, see sections 3.2.8 and 3.2.9

3.2.13 Section 9(2B) rights

If the transfer value received includes benefits in respect of service after 6 April 1997 in a contracted out pension scheme, the NPPS service credit in respect of benefits identified by the former scheme as post-97 contracted-out rights must be recorded as Section 9(2B) rights. The length of the service credit that counts as Section 9(2B) rights is determined as follows:

$$[TV_{post97} \div AMC] \div 1yr$$

TV_{post97}	the portion of the transfer value identified as post-1997 contracted-out rights
AMC	adjustment for market conditions – Table D
1yr	the cost of one year's accrual, as calculated in section 3.2.12

3.2.14 Members' records

As well as service credit and GMP details, a record should be kept of:

- amount of the transfer value received
- the portion of that transfer value identified as section 9(2B) rights
- length of service credit that is section 9(2B) rights
- if the actual length of NPPS membership is less than two years, the length of qualifying service transferred from the former scheme

3.2.15 Transfers from overseas schemes

Transfer payments can be received from recognised overseas pension schemes (ie schemes which are regulated and approved for tax purposes by the tax authorities in the country in which they are established). The transfer payment does not necessarily have to come from a Qualifying Recognised Overseas Pension Scheme listed on HMRC's website. Note that pension schemes established in the Isle of Man or the Channel Islands are classed as overseas schemes.

3.2.16 The service credit should be calculated in the same way as for other non-Club transfers.

4 Pension sharing on divorce

4.1 Introduction

- 4.1.1 This section sets out the method and instructions for calculating cash equivalents on divorce, and calculating pension credits and pension debits.
- 4.1.2 Section 4.2 discusses some general points around the calculation of cash equivalents for the purpose of divorce proceedings.
- 4.1.3 Sections 4.3 and 4.4 set out the calculations of the cash equivalents for pensioners and for active and deferred members.
- 4.1.4 Section 4.5 discusses the calculation of the value of the benefits that will be transferred to the ex-spouse or ex-civil partner after the court has issued the pension sharing order.
- 4.1.5 Section 4.6 sets out the calculation of the pension credit for the ex-spouse or ex-civil partner.
- 4.1.6 Section 4.7 sets out the calculation of the member's pension debit.

4.2 Calculation of the cash equivalent

- 4.2.1 The first stage will be to provide the member with a calculation of the cash equivalent of their entitlements in the scheme. The methodology for former members who are receiving pension benefits at the time of the divorce is set out in section 4.3. Section 4.4 covers the provisions for serving police officers and deferred pensioners.
- 4.2.2 The methods described should be used both when a member applies for a quotation of the value of the benefits during the divorce proceedings, and after a pension sharing order has been made.
- 4.2.3 The member's benefits to be included in the calculation are specified in section 29 of the Welfare Reform and Pensions Act 1999 as follows:

“Where the [pension scheme member] is in pensionable service under the scheme on the transfer day, the relevant benefits ... are the benefits or future benefits to which he would be entitled under the scheme by virtue of his shareable rights under it had his pensionable service terminated immediately before that day. Otherwise, the relevant benefits ... are the benefits or future benefits to which, immediately before the transfer day, the [member] is entitled...”.

4.3 Members already in receipt of benefits

4.3.1 Members already in receipt of benefits do not have an entitlement to a cash equivalent transfer value. The pensioner cash equivalent value can be calculated using the method and factors in this note, but *should be used for divorce purposes only*.

4.3.2 There are three sets of tables:

- Table F: Pensioners who retired on ordinary grounds
- Table G: Pensioners who retired on medical grounds
- Table H: Adjustment for Market Conditions – to be used for pensioner cash equivalents

4.3.3 The main difference between Table F and Table G is that Table G allows for the heavier mortality experienced on average by those who retire due to ill health.

4.3.4 Table G should only be used for ill-health pensioners under the age of 55 where full pension increases are payable in the period up to age 55. If pension increases are not payable before age 55 then the case should be referred to the Home Office or the SPPA, as per section 1.2.2.

4.3.5 Calculation

The pensioner cash equivalent should be calculated as follows:

$$[CP \times F_p + SUR \times F_{sur} - (PRE\ GMP + 0.45 \times POST\ GMP) \times F_{gmp}] \times AMC$$

CP	current member's pension, see section 4.3.7
SUR	pension payable on the death of the member to their spouse or partner, see section 4.3.7
PRE GMP	annual GMP accrued before 6.4.88, including revaluation; see section 4.3.9
POST GMP	annual GMP accrued after 6.4.88, including revaluation; see section 4.3.9
F_p	factor for member's pension – Table F1, F2, G1 or G2
F_{sur}	factor for survivor's pension – Table F1, F2, G1 or G2
F_{gmp}	factor for GMP saving – Table F1, F2, G1 or G2
AMC	adjustment for market conditions for pensioners – Table H, see section 4.3.12

4.3.6 The appropriate factors should be taken from the tables in force at the time of the pension share, using the member's age at that time.

4.3.7 Pension benefits

If the member's pension is reduced due to abatement or suspension due to reemployment, then the abatement reduction should be ignored for the purpose of this calculation. Benefits should be calculated as though the member had ceased reemployment and valued accordingly.

- 4.3.8 If the member retired on ill health grounds and the police authority have reduced the pension because it had been demonstrated that the pensioner had brought about the disability by his own default, please refer the case to the Home Office or the SPPA: see section 1.2.2.

4.3.9 Guaranteed Minimum Pension

The cash equivalent must be adjusted to reflect the increases on the Guaranteed Minimum Pension (GMP) that are the responsibility of the State after State Pension Age. The State is generally responsible for all the increases on the pre April 1988 GMPs, and increases above 3% per annum on the post April 1988 GMPs.

- 4.3.10 Where the member is below State Pension Age, the GMP should include revaluation using Section 148 orders, in line with normal practice for cash equivalent transfer values. Where the member has passed State Pension Age, the pre 1988 GMP should be at the rate at State Pension Age. The post 1988 GMP should include the increases granted by the scheme on that part of the benefits (ie 3% per annum or the pension increase order if less). Annual GMP figures can be obtained by multiplying the weekly GMP figures by 52.
- 4.3.11 The sum of the GMP in respect of service up to 5 April 1988 and 45% of the GMP in respect of service after that date should be multiplied by the appropriate factor in the tables and the resulting figure used in the cash equivalent calculation.

4.3.12 Adjustment for Market Conditions

The cash equivalent calculation includes an Adjustment for Market Conditions (AMC). This AMC factor depends on the member's age and the yield on index-linked government bonds. The appropriate yield to be used is that on the FT Actuaries index of index-linked stocks for redemption periods of over 5 years with 0% inflation assumption. The yield on first working day of the calendar month into which the calculation date falls should be used.

- 4.3.13 The AMC factors for pensioners are shown in Table H. Where the appropriate yield is not a whole number, the factor should be obtained by interpolating between the closest two factors, to produce the AMC factor for the calculation of the cash equivalent. If the appropriate yield is below 2%, the AMC factor appropriate for a 2% yield is to be used.

4.4 Active members and deferred pensioners

- 4.4.1 Where the benefits have not yet come into payment, the cash equivalent value quoted should be the same as the statutory CETV (ie non-Club transfer value) that would be payable. This should generally be calculated using the same approach as would apply to a normal non-Club transfer value, even if the member is not normally entitled to a transfer value.
- 4.4.2 The benefits to be valued for serving police officers are those that would be payable if the member had left service – either deferred benefits or the payment of immediate benefits. Those with less than 3 months of service would normally be entitled only to a refund of contributions. However, deferred benefits should be valued for divorce purposes.
- 4.4.3 If the cash equivalent value is requested for divorce purposes, it should be assumed that the member is not married, in a civil partnership nor has any other qualifying partner, and the Without Partner survivor's pension factor should be used.
- 4.4.4 The cash equivalent value should be calculated in accordance with section 2.2 of this note.
- 4.4.5 This note does not cover the calculation of divorce cash equivalents for active or deferred female members who are entitled to a deferred pension payable from 65 and who have a GMP entitlement: see 1.1.3.

4.5 Calculation of the value of the shareable rights

- 4.5.1 When a pension sharing order is received from the Court, the first stage is to check that all the necessary information has been provided and any charges requested at this stage have been paid. The value of the member's benefits should be recalculated, as described in sections 4.3 and 4.4. In the case of an active member, the benefits should be those to which the member would be entitled if pensionable service had terminated immediately before the transfer day: the day when the order takes effect. The cash equivalent should be based on the age and status (ie without partner) of the member at the time of the pension share.
- 4.5.2 For divorces under English law, the pension sharing order will specify the percentage of the member's benefits that the ex-spouse or ex-civil partner will be entitled to. The member's cash equivalent obtained in 4.5.1 should be multiplied by this percentage, to give the value of the ex-spouse or ex-civil partner's benefits, or the ex-spouse or ex-civil partner's cash equivalent (ESCE):

$$\text{ESCE} = (\text{CE} \times \text{appropriate percentage} \div 100) - \text{Charges}$$

CE	cash equivalent of the member's benefits
Charges	are any charges to cover the cost of the work generated by the pension sharing order, which the police authority have decided should be deducted from the value of benefits awarded to the ex-spouse or ex-civil partner

- 4.5.3 Under Scottish law, the pension sharing order will usually specify a monetary amount (MA). The percentage for the pension debit should be calculated as the ratio of the monetary amount and the cash equivalent:

$$\text{appropriate percentage} = (\text{MA} \div \text{CE}) \times 100$$

- 4.5.4 When the appropriate percentage is used to calculate the ex-spouse or ex-civil partner's cash equivalent as in 4.5.2, the ESCE will be equal to the monetary amount specified in the order, less charges.
- 4.5.5 The value of the shareable rights calculated in this way should be used to derive both the pension debit and the pension credit, as described in sections 4.6 and 4.7.

4.6 Calculation of the pension credit for the ex-spouse or ex-civil partner

4.6.1 This section sets out the method for calculating the pension credit payable to the ex-spouse or ex-civil partner following the issue of a pension sharing order by the Court. Table J sets out the factors needed to calculate the pension credit for the ex-spouse or ex-civil partner, and Table K includes the market adjustment factors required.

4.6.2 The calculation factors should be based on the age and gender of the ex-spouse or ex-civil partner at the time of the pension share, and the market conditions at that time. Do not use the age and gender of the member.

4.6.3 Calculation where the member is a current pensioner

If the member is a current pensioner and so has received their lump sum, the pension credit will be:

$$(ESCE \div AMC) \div F_p$$

ESCE	the ex-spouse or ex-civil partner's cash equivalent – see section 4.5.2
F_p	factor for ex-spouse or ex-civil partner pension – Table J
AMC	adjustment for market conditions – Table K, see section 4.6.7

4.6.4 Calculation where the member is an active member or a deferred pensioner

If the member is an active member or a deferred pensioner and so has not received their lump sum, the pension credit will depend on whether the ex-spouse is aged under 65 or over 65.

4.6.5 Where the ex-spouse is aged under 65, the pension credit is calculated using the following formula:

$$(ESCE \div AMC) \div (F_p + 4 \times F_{ls})$$

ESCE	the ex-spouse or ex-civil partner's cash equivalent – see section 4.5.2
F_p	factor for ex-spouse or ex-civil partner pension – Table J
F_{ls}	factor for ex-spouse or ex-civil partner lump sum – Table J
AMC	adjustment for market conditions – Table K, see section 4.6.7

- 4.6.6 Where the ex-spouse is aged 65 or over, the pension credit is calculated using the following formula:

$$\text{ESCE} \div (\text{F}_p \times \text{AMC} + 4 \times \text{F}_{\text{Is}})$$

ESCE	the ex-spouse or ex-civil partner's cash equivalent – see section 4.5.2
F_p	factor for ex-spouse or ex-civil partner pension – Table J
F_{Is}	factor for ex-spouse or ex-civil partner lump sum – Table J
AMC	adjustment for market conditions – Table K, see section 4.6.7

4.6.7 Adjustment for Market Conditions

The calculation includes an Adjustment for Market Conditions (AMC). This AMC factor depends on the ex-spouse or ex-civil partner's age and the yield on index-linked government bonds. The appropriate yield to be used is that on the FT Actuaries index of index-linked stocks for redemption periods of over 5 years with 0% inflation assumption. The yield on the first working day of the calendar month into which the calculation date falls should be used.

- 4.6.8 The AMC factors to use in pension credit calculations are shown in Table K. Where the appropriate yield is not a whole number, the factor should be obtained by interpolating between the closest two factors, to produce the AMC factor for the calculations. If the appropriate yield is below 2%, the AMC factor appropriate for a 2% yield is to be used. Although the same yield is used for calculating the member's cash equivalent and the ex-spouse or ex-civil partner's pension credit, the AMC factor will not necessarily be the same, as it will depend on the ex-spouse or ex-civil partner's age and will be based on the factors in Table K.

4.6.9 Pension credit benefits

The pension credit will be paid when the ex-spouse or ex-civil partner reaches age 65, or immediately if the ex-spouse or ex-civil partner is over age 65.

- 4.6.10 The ex-spouse or ex-civil partner's pension credit will be subject to pension increases under the provisions of the Pensions (Increase) Acts.
- 4.6.11 If the pension credit was calculated under 4.6.4, then the ex-spouse or ex-civil partner will receive a lump sum when they reach age 65, or immediately if they are already aged over 65. The lump sum will be $4 \times$ the annual rate of the pension credit when it comes into payment.

4.7 Calculation of the pension debit

4.7.1 This section sets out the method and instructions for calculating the pension debit to be applied to the member's benefits following the issue of a pension sharing order by the Court:

- Where the member is a pensioner, the debit will apply to the member's own pension with immediate effect and also to the pension payable to a future surviving spouse, civil partner or other qualifying partner on the member's death.
- Where the member is a deferred pensioner, the debit will apply to the member's pension at the point when the pension becomes payable. A corresponding debit is also applied to the member's lump sum on retirement. The debit will also apply to the pension payable to a future surviving spouse, civil partner or other qualifying partner on the member's death.
- Where the member is still contributing to the scheme, the debit will be calculated assuming retirement at age 65. If the member retires at an earlier age, the debit will be reduced. A corresponding debit is also applied to the member's lump sum on retirement. The debit will also apply to the pension payable to a future surviving spouse, civil partner or other qualifying partner on the member's death.

4.7.2 Pension debit for current pensioner

The pension sharing order will specify the percentage of the member's benefits that the ex-spouse or ex-civil partner will be entitled to, for divorces in England & Wales. For Scottish divorces the value of the cash equivalent to be shared will be specified, and the proportion will be calculated as described at 4.5.3.

4.7.3 The debit applying to the member's pension will be:

$$\text{MEMDEB} = \text{CP} \times \text{appropriate percentage} \div 100$$

The debit applying to any future surviving spouse, civil partner or other qualifying partner's pension will be:

$$\text{SURDEB} = \text{SUR} \times \text{appropriate percentage} \div 100$$

The debit applying to the GMP pension will be:

$$\text{PREGMPDEB} = \text{PRE GMP} \times \text{appropriate percentage} \div 100$$

$$\text{POSTGMPDEB} = \text{POST GMP} \times \text{appropriate percentage} \div 100$$

CP, SUR, PRE GMP and POST GMP are defined in section 4.3. The amounts should be the same as used to recalculate the cash equivalent of the member's benefits in 4.5.1.

4.7.4 Pension debit for a deferred pensioner

The principle is the same as for the pensioner, except that the debit will not start to be deducted until the member's benefits come into payment, and there is also a debit to be applied to the lump sum.

4.7.5 The debit should be expressed as a debit to the member's benefits at exit:

$$\text{MEMDEB} = \text{Member's pension at exit} \times \text{appropriate percentage} \div 100$$

$$\text{LSDEB} = \text{Lump sum at exit} \times \text{appropriate percentage} \div 100$$

$$\text{SURDEB} = \text{Survivor's pension at exit} \times \text{appropriate percentage} \div 100$$

$$\text{PREGMPDEB} = \text{PRE GMP at exit} \times \text{appropriate percentage} \div 100$$

$$\text{POSTGMPDEB} = \text{POST GMP at exit} \times \text{appropriate percentage} \div 100$$

4.7.6 At retirement, both the benefit and the debit should be revalued from the date of exit to the date of retirement, and the revalued debit should be subtracted from the revalued benefit.

If the member's deferred pension and lump sum come into payment before age 65, whether on voluntary early retirement or on grounds of ill health, the debits applied should be reduced. This is because the debit will be applied over a longer period than was assumed in calculating the original amount of the debit, and so a lower amount should be deducted. The pension debit will be:

$$\text{MEMDEB} \times \text{PI} \times \text{MEMERF}$$

$$\text{LSDEB} \times \text{PI} \times \text{LSERF}$$

MEMDEB	pension debit to the member's pension at exit – see 4.7.5
LSDEB	pension debit to the lump sum at exit – see 4.7.5
PI	the pension increase uprating factor between the date of exit and the date of retirement
MEMERF	early retirement factor – Table L1 or M1, as appropriate
LSERF	early retirement factor – Table L2 or M2, as appropriate

4.7.7 Pension debit for a active member

The principle is that the debit acts like a negative deferred pension. The debit should be expressed as a debit to the member's benefits, as used to recalculate the cash equivalent of the member's benefits:

MEMDEB = Member's pension used in cash equivalent calculation × appropriate percentage ÷ 100

LSDEB = Lump sum used in cash equivalent calculation × appropriate percentage ÷ 100

SURDEB = Survivor's pension used in cash equivalent calculation × appropriate percentage ÷ 100

PREGMPDEB = PRE GMP used in cash equivalent calculation × appropriate percentage ÷ 100

POSTGMPDEB = POST GMP used in cash equivalent calculation × appropriate percentage ÷ 100

- 4.7.8 There is a complication where the member is aged 55 and over would be entitled to the immediate payment of a pension if they left service. The complication is that we do not know when the debit can be deducted. In these cases, the debit applying to the member's pension should be re-expressed as an equivalent debit from age 65, as follows:

MEMDEB = Member's pension × appropriate percentage ÷ 100 ÷ MEMERF

LSDEB = Lump sum × appropriate percentage ÷ 100 ÷ LSERF

MEMERF	early retirement factor – Table L1
LSERF	early retirement factor – Table L2

The factors from Table L should be based on the member's age in years and complete months. Note that in the above formulae, you divide by the early retirement factor, not multiply.

This adjustment for members aged 55 and over does not apply to the debit applied to the spouse, civil partner or other qualifying partner's pension, or the debit applied to the GMP.

- 4.7.9 When the member retires, the total pension is calculated in accordance with the regulations, initially ignoring the pension debit. The pension is then reduced to allow for the pensions debit. The debit should be revalued from the time of the divorce up to the date of retirement.
- 4.7.10 The pension debit applied to the member's pension and lump sum is reduced if the benefits are put into payment before age 65, irrespective of whether or not the retirement is on grounds of ill-health. This is because the debit will be applied over a longer period than was assumed in calculating the original amount of the debit, and so a lower amount should be deducted.

The pension debit will be:

$$\text{MEMDEB} \times \text{PI} \times \text{MEMERF}$$

$$\text{LSDEB} \times \text{PI} \times \text{LSERF}$$

MEMDEB	pension debit at divorce – see 4.7.7 or 4.7.8
LSDEB	pension debit at divorce – see 4.7.7 or 4.7.8
PI	the pension increase uprating factor between divorce and the date of retirement
MEMERF	early retirement factor – Table L1 or M1, as applicable
LSERF	early retirement factor – Table L2 or M2, as applicable

4.7.11 Pension debits – future spouses

The benefits payable to a new spouse, new civil partner or other partner who is eligible to a pension on the member's death should be reduced by the survivor's pension debit, revalued using the pension increase uprating factors. No spouse or civil partner's benefits will be payable to the person who was party to the divorce resulting in the pension sharing order (except in the unlikely situation that the member remarried or entered into a new civil partnership with his or her ex-spouse or ex-civil partner).

4.7.12 Pension debits – other benefits

No debit will be applied to a child's pension.

No debit will be made to the lump sum death grant payable to police officers who were contributing to the scheme at their death.

For the purpose of determining aggregate pension contributions under regulation 26 for the purposes of repayment (and for the purpose of determining death gratuities payable under regulations 44 and 45) the member's aggregate pension contributions paid before the effective date of the pension share should be reduced by a debit equal to the percentage ordered by the court, or as calculated in 4.5.3.

5 Example Calculations

This section provides examples of the calculations described by this note.

For the purposes of these examples, we have assumed that no charges are applied under 4.5.2.

Figures in these example calculations are rounded to a suitable level of accuracy. Where a figure is shown as an intermediate step in the calculation, subsequent steps will use this rounded figure as written on the page. It is also acceptable to perform these calculations on a computer spreadsheet, such as MS Excel, or using other suitable software. In that case the figures calculated in the intermediate steps may not be rounded, so the final answer may be slightly different to that shown in these examples. The difference will not be significant and both methods are valid. Whichever calculation method is used, the figures calculated as intermediate steps should not be rounded to a lower level of accuracy than used in these examples.

5.1 Club transfer out

The following information is needed for this calculation:

A. Member date of birth	25 May 1971
B. Last date of service	10 Aug 2006
C. Guarantee date	11 Aug 2006
D. Member age	35
E. Marital status	Married
F. Gender	Male
G. Final Pensionable Pay	£22,000
H. Reckonable service	122 days
I. Pre 6/4/88 GMP	£0
J. Post 6/4/88 GMP	£0
K. Have the figures in I & J been revalued?	N/A
L. Yield used to determine the AMC factor	1.46%

Formula

From 2.1.12, the formula to calculate the Club transfer value is:

$$[CP \times F_p + LS \times F_{ls} + SUR \times F_{sur} - (PRE \text{ GMP} + 0.45 \times POST \text{ GMP}) \times F_{gmp}] \times AMC$$

Inputs

$$CP = (1 \div 70) \times 22,000 \times (122 \div 365) = £105.05 \text{ pa}$$

$$LS = 4 \times 105.05 = £420.20$$

$$SUR = 0.5 \times 105.05 = £52.53 \text{ pa}$$

Pre GMP & Post GMP = 0; so F_{gmp} will not be required

$$F_p = 2.98 \text{ (from table A1 "Pension of £1 pa" column)}$$

$$F_{ls} = 0.32 \text{ (from table A1 "Lump sum of £1" column)}$$

$$F_{sur} = 2.07 \text{ (from table A1 "Survivor's pension of £1 pa – With Partner" column)}$$

AMC = 1.50 (from table D "2%" column - see L. above, and note from 2.1.10 that if the Yield is below 2% then the AMC factor for a 2% Yield is to be used)

Calculation

Substituting these values into the formula we get:

$$\begin{aligned} TV &= [(105.05 \times 2.98) + (420.20 \times 0.32) + (52.53 \times 2.07) - 0] \times 1.50 \\ &= [313.05 + 134.46 + 108.74] \times 1.50 \\ &= 556.25 \times 1.50 \\ &= 834.38 \end{aligned}$$

Therefore the Transfer Value out is **£834.38**.

5.2 Statutory CETV transfer out

The following information is needed for this calculation:

A. Member date of birth	14 Feb 1961
B. Last date of service	10 Sep 2006
C. Guarantee date	11 Sep 2006
D. Member age	45
E. Marital status	Without Partner
F. Gender	Male
G. Final Pensionable Pay	£36,000
H. Reckonable service	5 years, 150 days
of which:	
Current service in NPPS	150 days
Service credit from CETV transfer value received	5 years
I. CETV received by Police Authority	£67,300
J. Pre 6/4/88 GMP	£520 pa (£10 per week)
K. Post 6/4/88 GMP	£780 pa (£15 per week)
L. Have the figures in J & K been revalued?	Yes
M. Yield used to determine the AMC factor	1.29%

Formula

From 2.2.2, the formula to calculate the statutory transfer value is:

$$[CP \times F_p + LS \times F_{ls} + SUR \times F_{sur} - (PRE\ GMP + 0.45 \times POST\ GMP) \times F_{gmp}] \times AMC$$

Inputs

$$CP = (1 \div 70) \times 36,000 \times (5 + (150 \div 365)) = £2,782.78 \text{ pa}$$

$$LS = 4 \times 2,782.78 = £11,131.12$$

$$SUR = 0.5 \times 2,782.78 = £1,391.39 \text{ pa}$$

$$F_p = 4.44 \text{ (from Table A1 "Pension of £1 pa" column)}$$

$$F_{ls} = 0.47 \text{ (from Table A1 "Lump sum of £1" column)}$$

$$F_{sur} = 2.03 \text{ (from Table A1 "Survivor's pension of £1 pa – Without Partner" column)}$$

$$F_{gmp} = 2.43 \text{ (from Table A1 "Saving factor for GMP of £1 pa" column)}$$

$$AMC = 1.37 \text{ (from table D "2%" column - see M. above, and note 2.1.10)}$$

Calculation

Substituting these values into the formula we get:

$$\begin{aligned} TV &= [(2,782.78 \times 4.44) + (11,131.12 \times 0.47) + (1,391.39 \times 2.03) \\ &\quad - ([520 + (0.45 \times 780)] \times 2.43)] \times 1.37 \\ &= [(12,355.54 + 5,231.63 + 2,824.52) - ([520 + 351] \times 2.43)] \times 1.37 \\ &= [20,411.69 - 2,116.53] \times 1.37 \\ &= 18,295.16 \times 1.37 \end{aligned}$$

$$= 25,064.37$$

Therefore the Transfer Value out is **£25,064.37**.

Underpin

For the underpin calculation, first a transfer value needs to be calculated for the current period of service in NPPS – see section 2.2.4.

Underpin Calculation inputs

$$CP = (1 \div 70) \times 36,000 \times (150 \div 365) = \text{£}211.35 \text{ pa}$$

$$LS = 4 \times 211.35 = \text{£}845.40$$

$$SUR = 0.5 \times 211.35 = \text{£}105.68 \text{ pa}$$

F_p , F_{ls} , F_{sur} and AMC are unchanged, and F_{gmp} is not required for the underpin calculation.

Underpin Calculation

Substituting these values into the transfer value formula, we get:

$$\begin{aligned} TV_{ActSer} &= [(211.35 \times 4.44) + (845.40 \times 0.47) + (105.68 \times 2.03) - 0] \times 1.37 \\ &= [938.39 + 397.34 + 214.53] \times 1.37 \\ &= 1,550.26 \times 1.37 \\ &= 2,123.86 \end{aligned}$$

Therefore the Transfer Value out for the 150 days' service is **£2,123.86**.

Using 2.2.3, the underpin formula and value is:

$$\text{Underpin} = TV_{ActSer} + TV_{in}$$

$$= 2,123.86 + 67,300$$

$$= 69,423.86$$

The Underpin value is higher than the statutory CETV. Therefore the higher transfer value of **£69,423.86** should be issued (see 2.2.6).

5.3 Club transfer in

The following information is needed for this calculation:

A. Member date of birth	25 May 1971
B. Last date of service	1 Aug 2004
C. Guarantee date	2 Aug 2006
D. Member age	35
E. Marital status	Without partner
F. Gender	Female
G. Pay at date of leaving used by previous scheme	£40,000
H. Transfer Value from previous scheme	£51,621.62
I. TV in respect of section 9(2B) rights	£38,520.32
J. Pre 6/4/88 GMP	£0
K. Post 6/4/88 GMP	£780 pa (£15 per week)
L. Have the figures in J & K been revalued?	Yes
M. Yield used to determine the AMC factor	1.46%
N. Factor used by previous scheme to increase the accrued pension benefits between the last date of service and the guarantee date	1.0483

Cost of 1 year's accrual

First we must calculate the cost of one year's accrual (of benefits) (see 3.1.8):

$$1\text{yr} = [F_p + 4 \times F_{\text{ls}} + 0.5 \times F_{\text{sur}}] \times \text{PAY} \div 70$$

$F_p = 7.20$ (from Table B2 "Pension of £1 per annum" column)

$F_{\text{ls}} = 0.45$ (from Table B2 "Lump sum of £1" column)

$F_{\text{sur}} = 0.81$ (from Table B2 "Survivor's pension of £1 pa – Without Partner" column)

$\text{PAY} = £40,000 \times 1.0483$ (see **G.** and **N.** above, and 3.1.4)
= £41,932

Substituting these values into the formula above we get:

$$\begin{aligned} 1\text{yr} &= [7.20 + 4 \times 0.45 + 0.5 \times 0.81] \times 41,932 \div 70 \\ &= 9.41 \times 41,932 \div 70 \\ &= 5,636.86 \end{aligned}$$

Therefore the cost of one year's accrual is **£5,636.86**

Service credit

From 3.1.7, the formula used to calculate service credit is:

$$\text{Service Credit} = [\text{TV} \div \text{AMC} + (\text{PRE GMP} + 0.45 \times \text{POST GMP}) \times F_{\text{gmp}}] \div 1\text{yr}$$

We have:

$$\text{TV} = \text{£}51,621.62 \text{ (see H.)}$$

$$\text{AMC} = 1.50 \text{ (from Table D "2\%" column - see M.)}$$

$$\text{Pre GMP} = \text{£}0 \text{ pa (see J.)}$$

$$\text{Post GMP} = \text{£}780 \text{ pa (see K.)}$$

$$F_{\text{gmp}} = 2.44 \text{ (from Table B2 "Saving factor for GMP of £1 pa" column)}$$

$$1\text{yr} = \text{£}5,636.86 \text{ (as calculated earlier)}$$

Substituting these values into the formula above we get:

$$\begin{aligned} \text{Service Credit} &= [(51,621.62 \div 1.50) + ([0 + 0.45 \times 780] \times 2.44)] \div 5,636.86 \\ &= (34,414.41 + (351 \times 2.44)) \div 5,636.86 \\ &= (34,414.41 + 856.44) \div 5,636.86 \\ &= 35,270.85 \div 5,636.86 \\ &= 6.257 \text{ years} \\ &= 6 \text{ years } 0.257 \times 365 \text{ days} \\ &= 6 \text{ years } 94 \text{ days (rounding up to nearest day)} \end{aligned}$$

Therefore the total service credit is **6 years 94 days**.

Service credit in respect of section 9(2B) rights (see 3.1.9)

$$\text{Service credit}_{\text{post97}} = [\text{TV}_{\text{post97}} \div \text{AMC}] \div 1\text{yr}$$

$$\text{TV}_{\text{post97}} = \text{£}38,520.32 \text{ (see I.)}$$

$$\text{AMC} = 1.50 \text{ (from above)}$$

$$1\text{yr} = \text{£}5,636.86 \text{ (from above)}$$

Substituting these values into the formula above we get:

$$\begin{aligned} \text{TV}_{\text{post97}} &= (38,520.32 \div 1.50) \div 5,636.86 \\ &= 25,680.21 \div 5,636.86 \\ &= 4.556 \text{ years} \end{aligned}$$

Therefore the service credit in respect of section 9(2B) rights is **4 years 203 days**.

5.4 Statutory CETV transfer in

The following information is assumed for this calculation:

A. Member date of birth	25 May 1961
B. Relevant date	2 Aug 2006
C. Member age	45
D. Marital status	Married
E. Gender	Male
F. Annual rate of Pensionable Pay in NPPS	£40,000
G. Transfer Value in from previous scheme	£165,439.10
H. TV in respect of section 9(2B) rights	£62,743.22
I. Pre 6/4/88 GMP	£520 pa (£10 per week)
J. Post 6/4/88 GMP	£780 pa (£15 per week)
K. Have the figures in J & K been revalued?	Yes
L. Yield used to determine the AMC factor	2.46% ¹

Cost of 1 year's accrual

First we must calculate the cost of one year's accrual (of benefits) (see 3.2.12):

$$1\text{yr} = [F_p + 4 \times F_{ls} + 0.5 \times F_{sur}] \times \text{PAY} \div 70$$

$F_p = 14.38$ (from Table C1 "Pension of £1 pa" column)

$F_{ls} = 1.01$ (from Table C1 "Lump sum of £1" column)

$F_{sur} = 4.17$ (from Table C1 "Survivor's pension of £1 pa – With Partner" column)

$\text{PAY} = £40,000$ (see F.)

(This is the member's pensionable pay in the NPPS expressed as an annual rate, ie as would be used in the calculation of a lump sum death grant.)

Substituting these values into the formula above we get:

$$\begin{aligned} 1\text{yr} &= [14.38 + (4 \times 1.01) + (0.5 \times 4.17)] \times (40,000 \div 70) \\ &= [14.38 + 4.04 + 2.085] \times 571.43 \\ &= 20.51 \times 571.43 \\ &= 11,720.03 \end{aligned}$$

Therefore the cost of one year's accrual is **£11,720.03**

¹ This yield is an assumed figure for calculation example purposes only and is not the actual yield on 1 Aug 2006

Service credit

From 3.2.11, the formula used to calculate service credit is:

$$\text{Service Credit} = [\text{TV} \div \text{AMC} + (\text{PRE GMP} + 0.45 \times \text{POST GMP}) \times F_{\text{gmp}}] \div 1\text{yr}$$

TV = £165,439.10 (see **G.**)

AMC = (0.54 x 1.37) + (0.46 x 1.15) = 1.2688 (this is the interpolated value given a yield of 2.46% - see **L.** - with values from Table D "2%" and "3%" column)

Pre GMP = £520 (see **I.**)

Post GMP = £780 (see **J.**)

F_{gmp} = 2.43 (from Table C1 "Saving factor for GMP of £1 pa" column)

1yr = £11,720.03 (as calculated earlier)

Substituting these values into the formula above we get:

$$\begin{aligned} \text{Service Credit} &= ([165,439.10 \div 1.2688] + [(520 + [0.45 \times 780]) \times 2.43]) \div 11,720.03 \\ &= (130,390.21 + [(520 + 351) \times 2.43]) \div 11,720.03 \\ &= (130,390.21 + [871 \times 2.43]) \div 11,720.03 \\ &= (130,390.21 + 2,116.53) \div 11,720.03 \\ &= 132,506.74 \div 11,720.03 \\ &= 11.306 \text{ years} \\ &= 11 \text{ years } 0.306 \times 365 \text{ days} \\ &= 11 \text{ years } 112 \text{ days (rounding up to nearest day)} \end{aligned}$$

Therefore the total service credit is **11 years 112 days**.

Service credit in respect of section 9(2B) rights (see 3.2.13)

$$\text{Service credit}_{\text{post97}} = [\text{TV}_{\text{post97}} \div \text{AMC}] \div 1\text{yr}$$

TV_{post97} = £62,743.22 (see **H.**)

AMC = 1.2688 (from above)

1yr = £11,720.03 (as calculated above)

Substituting these values into the formula above we get:

$$\begin{aligned} \text{TV}_{\text{post97}} &= (62,743.22 \div 1.2688) \div 11,720.03 \\ &= 49,450.84 \div 11,720.03 \\ &= 4.219 \text{ years} \end{aligned}$$

Therefore the service credit in respect of section 9(2b) rights is **4 years 80 days**.

5.5 Pension sharing order for an active member

5.5.1 Action at time of pension sharing order

Calculation of cash equivalent

A quotation of the Cash Equivalent value of the member's benefits will have been provided previously, during the divorce proceedings. However the Cash Equivalent must be recalculated once the pension sharing order has been made. The following information is needed for this calculation:

A. Member date of birth	14 Feb 1981
B. Calculation date	11 Sep 2016
C. Member age	35
D. Gender	Male
E. Final Pensionable Pay	£36,000
F. Reckonable service	10 years
G. Pre 6/4/88 GMP	nil
H. Post 6/4/88 GMP	nil
I. Yield used to determine the AMC factor	2.40% ¹

From 2.1.12, the formula to calculate the Cash Equivalent is:

$$[CP \times F_p + LS \times F_{ls} + SUR \times F_{sur} - (PRE \text{ GMP} + 0.45 \times POST \text{ GMP}) \times F_{gmp}] \times AMC$$

We have:

$$CP = (1 \div 70) \times 36,000 \times 10 = \text{£}5,142.86 \text{ pa}$$

$$LS = 4 \times 5,142.86 = \text{£}20,571.44$$

$$SUR = 0.5 \times 5,142.86 = \text{£}2,571.43 \text{ pa}$$

F_{gmp} is not required as PRE GMP and POST GMP are both zero

$$F_p = 2.98 \text{ (from table A1 "Pension of £1 pa" column)}$$

$$F_{ls} = 0.32 \text{ (from table A1 "Lump sum of £1" column)}$$

$$F_{sur} = 2.07 \text{ (from table A1 "Survivor's pension of £1 pa – Without Partner" column)}$$

$$AMC = (0.6 \times 1.50) + (0.4 \times 1.19) = 1.3760 \text{ (this is the interpolated value given a yield of 2.40% – see I. above - with values from Table D "2%" and "3%" column)}$$

Substituting these values into the formula we get:

$$\begin{aligned} CE &= [(5,142.86 \times 2.98) + (20,571.44 \times 0.32) + (2,571.43 \times 2.07)] \times 1.3760 \\ &= [(15,325.72 + 6,582.86 + 5,322.86)] \times 1.3760 \\ &= 27,231.44 \times 1.3760 \\ &= 37,470.46 \end{aligned}$$

Therefore the Cash Equivalent is **£37,470.46**.

¹ This yield is an assumed figure for calculation example purposes only and is not the actual yield for September 2016.

Calculation of the value of sharable rights

The following information is required from the pension sharing order:

J. Proportion to which ex-spouse is entitled 40%

From 4.5.2, the formula used to calculate the shareable rights is:

$$\text{ESCE} = (\text{CE} \times \text{appropriate percentage} \div 100) - \text{Charges}$$

There are no implied charges for this example. Therefore:

$$\begin{aligned} \text{ESCE} &= 37,470.46 \times (40 \div 100) \\ &= \text{£}14,988.18 \end{aligned}$$

Calculation of the pension credit

The following information is required:

K. Ex-spouse date of birth 9 July 1984
L. Ex-spouse age 32
M. Ex-spouse gender Female

From 4.6.5, where the member is an active and the ex-spouse is aged under 65, the formula used to calculate the pension credit is as follows:

$$(\text{ESCE} \div \text{AMC}) \div (\text{F}_p + 4 \times \text{F}_{ls})$$

ESCE = £14,988.18 (as calculated above)

AMC = $(0.6 \times 1.51) + (0.4 \times 1.20) = 1.3860$ (this is the interpolated value given a yield of 2.40% - see I. - with values from Table K "2%" and "3%" column)

$F_p = 3.25$ (from Table J "Females - Pension of £1 per annum" column)

$F_{ls} = 0.28$ (from Table J "Females - Lump sum of £1" column)

Therefore:

$$\begin{aligned} \text{Pension Credit} &= (14,988.18 \div 1.386) \div (3.25 + [4 \times 0.28]) \\ &= 10,813.98 \div 4.37 \\ &= \text{£}2,474.59 \end{aligned}$$

The pension credit will come in to payment when the ex-spouse reaches age 65. A lump sum of 4 x the annual rate of the pension credit when it comes into payment will also be payable at age 65.

Calculation of the pension debit

From 4.7.7, the formulae used to calculate the pension debits for an active member are:

$$\text{MEMDEB} = \text{Member's pension used in cash equivalent calculation} \\ \times \text{appropriate percentage} \div 100$$

$$\text{LSDEB} = \text{Lump sum used in cash equivalent calculation} \\ \times \text{appropriate percentage} \div 100$$

$$\text{SURDEB} = \text{Survivor's pension used in cash equivalent calculation} \\ \times \text{appropriate percentage} \div 100$$

See the calculation of the cash equivalent for member's pension (CP), lump sum (LS) and survivor's pension (SUR). Substituting these into the formulae above we have:

$$\text{MEMDEB} = 5,142.86 \times (40 \div 100) \\ = \text{£}2,057.14$$

$$\text{LSDEB} = 20,571.44 \times (40 \div 100) \\ = \text{£}8,228.58$$

$$\text{SURDEB} = 2,571.43 \times (40 \div 100) \\ = \text{£}1,028.57$$

As there is no GMP, PREGMPDEB and POSTGMPDEB are both zero.

5.5.2 Action at retirement

The member retires from the police service at age 55.

N. Date of retirement	14 February 2036
O. Age at retirement	55 years, 0 months
P. Final pensionable pay	£105,500
Q. Reckonable Service	29 years, 156 days
R. Pre 6/4/88 GMP	nil
S. Post 6/4/88 GMP	nil
T. Pension increases factor	1.81

First we calculate the member's benefits, initially ignoring the pension debit:

$$\text{Full Pension} = (1 \div 70) \times 105,500 \times (29 + (156 \div 365)) = £44,351.29 \text{ pa}$$

$$\text{Full Lump sum} = 4 \times 44,351.29 = £177,405.16$$

$$\text{Full Survivor's pension} = 0.5 \times 44,351.29 = £22,175.65 \text{ pa}$$

Now from 4.7.9 and 4.7.10, the formulae used to calculate the debits to apply at retirement are:

$$[\text{MEMDEB} \times \text{PI} \times \text{MEMERF}], [\text{LSDEB} \times \text{PI} \times \text{LSERF}], [\text{SURDEB} \times \text{PI}]$$

We have

$$\text{PI} = 1.81 \text{ (see T. above)}$$

$$\text{MEMDEB} = £2,057.14 \text{ pa (from earlier)}$$

$$\text{LSDEB} = £8,228.58 \text{ (from earlier)}$$

$$\text{SURDEB} = £1,028.57 \text{ pa (from earlier)}$$

$$\text{MEMERF} = 0.554 \text{ (from Table L1 for a member aged 55 years, 0 months)}$$

$$\text{LSERF} = 0.712 \text{ (from Table L2 for a member aged 55 years, 0 months)}$$

Therefore:

$$\begin{aligned} \text{Pension debit} &= 2,057.14 \times 1.81 \times 0.554 \\ &= £2,062.78 \text{ pa} \end{aligned}$$

$$\begin{aligned} \text{Lump sum debit} &= 8,228.58 \times 1.81 \times 0.712 \\ &= £10,604.34 \end{aligned}$$

$$\begin{aligned} \text{Survivor's pension debit} &= 1,028.57 \times 1.81 \\ &= £1,861.71 \text{ pa} \end{aligned}$$

Therefore the member's actual entitlement to benefits at retirement after the application of the pension debit will be:

$$\text{Actual Pension} = 44,351.29 - 2,062.78 = £42,288.51 \text{ pa}$$

$$\text{Actual Lump Sum} = 177,405.16 - 10,604.34 = £166,800.82$$

$$\text{Actual Survivor's Pension} = 22,175.65 - 1,861.71 = £20,313.94 \text{ pa}$$

5.6 Pension sharing order for an active member entitled to immediate benefits

5.6.1 Action at time of pension sharing order

Calculation of cash equivalent

A quotation of the Cash Equivalent value of the member's benefits will have been provided previously, during the divorce proceedings. However the Cash Equivalent must be recalculated once the pension sharing order has been made. The following information is needed for this calculation:

A. Member date of birth	1 April 1988
B. Calculation date	2 June 2045
C. Member age	57 years, 2 months
D. Gender	Female
E. Final Pensionable Pay	£45,000
F. Reckonable service	34 years
G. Pre 6/4/88 GMP	nil
H. Post 6/4/88 GMP	nil
I. Yield used to determine the AMC factor	1.46% ¹

From 2.1.13, the formula to calculate the cash equivalent is:

$$[CP \times F_p + SUR \times F_{sur} - (PRE\ GMP + 0.45 \times POST\ GMP) \times F_{gmp}] \times AMC + LS$$

We have:

$$CP = (1 \div 70) \times 45,000 \times 34 = \text{£}21,857.14 \text{ pa}$$

$$LS = 4 \times 21,857.14 = \text{£}87,428.56$$

$$SUR = 0.5 \times 21,857.14 = \text{£}10,928.57 \text{ pa}$$

Pre GMP & Post GMP = 0; so F_{gmp} will not be required

$$F_p = 14.57 \text{ (from table E2 "Pension of £1 pa" column)}$$

$$F_{sur} = 0.22 \text{ (from table E2 "Survivor's pension of £1 pa – Without Partner" column)}$$

AMC = 1.17 (from table H "2%" column - see I. above, and note from 2.1.10 that if the Yield is below 2% then the AMC factor for a 2% Yield is to be used)

Substituting these values into the formula we get:

$$\begin{aligned} CE &= ([(21,857.14 \times 14.57) + (10,928.57 \times 0.22) - 0] \times 1.17) + 87,428.56 \\ &= ([318,458.53 + 2,404.29] \times 1.17) + 87,428.56 \\ &= (320,862.82 \times 1.17) + 87,428.56 \\ &= 375,409.50 + 87,428.56 \\ &= 462,838.06 \end{aligned}$$

¹ This yield is an assumed figure for calculation example purposes only and is not the actual yield for June 2045.

Therefore the Cash Equivalent is **£462,838.06**.

Calculation of the value of sharable rights

The following information is required from the pension sharing order.

J. Proportion to which ex-spouse is entitled 40%

From 4.5.2, the formula used to calculate the shareable rights is:

(CE × appropriate percentage ÷ 100) – Charges

There are no implied charges for this example. Therefore:

$$\begin{aligned} \text{ESCE} &= 462,838.06 \times (40 \div 100) \\ &= \text{£}185,135.22 \end{aligned}$$

Calculation of the pension credit

The following information is required

K. Ex-spouse date of birth	15 February 1988
L. Ex-spouse age	57
M. Ex-spouse gender	Male

From 4.6.5, where the member is an active and the ex-spouse is aged under 65, the formula used to calculate the pension credit:

(ESCE ÷ AMC) ÷ [F_p + (4 × F_{ls})]

ESCE = £185,135.22 (as calculated above)

AMC = 1.17 (from Table K “2%” column - see I. above)

F_p = 7.28 (from Table J “Males - Pension of £1 per annum” column)

F_{ls} = 0.74 (from Table J “Males - Lump sum of £1” column)

Therefore:

$$\begin{aligned} \text{Pension Credit} &= (185,135.22 \div 1.17) \div [7.28 + (4 \times 0.74)] \\ &= 158,235.23 \div 10.24 \\ &= \text{£}15,452.66 \end{aligned}$$

The pension credit will come in to payment when the ex-spouse reaches age 65. A lump sum of 4 times the annual pension credit will also be payable at age 65.

Calculation of the pension debit

From 4.7.8, the formulae used to calculate the pension debits for an active member over 55 and entitled to immediate benefits are:

$$\text{MEMDEB} = \text{Member's pension} \times \text{appropriate percentage} \div 100 \div \text{MEMERF}$$

$$\text{LSDEB} = \text{Member's lump sum} \times \text{appropriate percentage} \div 100 \div \text{LSERF}$$

From 4.7.7 the debit applying to the pension for any future spouse, civil partner or other qualifying partner is:

$$\text{SURDEB} = \text{Survivor's pension} \times \text{appropriate percentage} \div 100$$

We have:

$$\text{MEMERF} = 0.623 \text{ (from Table L1 for a member aged 57 years, 2 months)}$$

$$\text{LSERF} = 0.766 \text{ (from Table L2 for a member aged 57 years, 2 months)}$$

See the calculation of the cash equivalent for member's pension (CP), lump sum (LS) and survivor's pension (SUR). Substituting these into the formulae above we have:

$$\begin{aligned} \text{MEMDEB} &= [21,857.14 \times (40 \div 100)] \div 0.623 \\ &= 8,742.86 \div 0.623 \\ &= \text{£}14,033.48 \end{aligned}$$

$$\begin{aligned} \text{LSDEB} &= [87,428.56 \times (40 \div 100)] \div 0.766 \\ &= 34,971.42 \div 0.766 \\ &= \text{£}45,654.60 \end{aligned}$$

$$\begin{aligned} \text{SURDEB} &= 10,928.57 \times (40 \div 100) \\ &= \text{£}4,371.43 \end{aligned}$$

As there is no GMP, PREGMPDEB and POSTGMPDEB are both zero.

5.6.2 Action at retirement

N. Date of retirement	2 June 2046
O. Age at retirement	58 years, 2 months
P. Final pensionable pay	£47,500
Q. Reckonable Service	35 years
R. Pension increases factor	1.03

First we calculate the member's benefits, initially ignoring the pension debit:

$$\text{Full Pension} = (1 \div 70) \times 47,500 \times 35 = \text{£}23,750$$

$$\text{Full Lump sum} = 4 \times 23,750 = \text{£}95,000$$

$$\text{Full Survivor's pension} = 0.5 \times 23,750 = \text{£}11,875$$

Now from 4.7.9 and 4.7.10, the formulae used to calculate the debits to apply at retirement are:

$$[\text{MEMDEB} \times \text{PI} \times \text{MEMERF}]$$

$$[\text{LSDEB} \times \text{PI} \times \text{LSERF}]$$

$$[\text{SURDEB} \times \text{PI}]$$

We have

$$\text{PI} = 1.03 \text{ (see R. above)}$$

$$\text{MEMDEB} = \text{£}14,033.48 \text{ (from earlier)}$$

$$\text{LSDEB} = \text{£}45,654.60 \text{ (from earlier)}$$

$$\text{SURDEB} = \text{£}4,371.43 \text{ (from earlier)}$$

$$\text{MEMERF} = 0.659 \text{ (from Table L1 for a member aged 58 years, 2 months)}$$

$$\text{LSERF} = 0.793 \text{ (from Table L2 for a member aged 58 years, 2 months)}$$

Therefore:

$$\begin{aligned} \text{Pension debit} &= 14,033.48 \times 1.03 \times 0.659 \\ &= \text{£}9,525.51 \end{aligned}$$

$$\begin{aligned} \text{Lump sum debit} &= 45,654.60 \times 1.03 \times 0.793 \\ &= \text{£}37,290.22 \end{aligned}$$

$$\begin{aligned} \text{Survivor's pension debit} &= 4,371.43 \times 1.03 \\ &= \text{£}4,502.57 \end{aligned}$$

Therefore the member's actual entitlement to benefits at retirement after the application of the pension debit will be:

$$\text{Actual Pension} = 23,750 - 9,525.51 = \text{£}14,224.49$$

$$\text{Actual Lump Sum} = 95,000 - 37,290.22 = \text{£}57,709.78$$

$$\text{Actual Survivor's Pension} = 11,875 - 4,502.57 = \text{£}7,372.43$$

5.7 Pension sharing order for a deferred member

5.7.1 Action at time of pension sharing order

Calculation of cash equivalent

A quotation of the Cash Equivalent value of the member's benefits will have been provided previously, during the divorce proceedings. However the Cash Equivalent must be recalculated once the pension sharing order has been made. The following information is needed for this calculation:

A. Member date of birth	1 April 1981
B. Calculation date	17 April 2016
C. Member age	35
D. Gender	Male
E. Date of Exit	12 April 2011
F. Deferred benefits at exit	
Member pension	£2,000 pa
Lump Sum	£8,000
Survivor's pension	£1,000 pa
Pre 6/4/88 GMP	nil
Post 6/4/88 GMP	nil
G. Pension increase factor since exit	1.2
H. Yield used to determine the AMC factor	1.46% ¹

From 2.1.12, the formula to calculate the Cash Equivalent is:

$$[CP \times F_p + LS \times F_{ls} + SUR \times F_{sur} - (PRE\ GMP + 0.45 \times POST\ GMP) \times F_{gmp}] \times AMC$$

We have:

$$CP = 2,000 \times 1.2 = \text{£}2,400 \text{ pa}$$

$$LS = 8,000 \times 1.2 = \text{£}9,600$$

$$SUR = 1,000 \times 1.2 = \text{£}1,200 \text{ pa}$$

Pre GMP & Post GMP = 0; so F_{gmp} will not be required

$$F_p = 2.98 \text{ (from Table A1 "Pension of £1 pa" column)}$$

$$F_{ls} = 0.32 \text{ (from Table A1 "Lump sum of £1" column)}$$

$$F_{sur} = 2.07 \text{ (from Table A1 "Survivor's pension of £1 pa – Without Partner" column)}$$

AMC = 1.50 (from Table D "2%" column - see **H.** above, and note from 2.1.10 that if the Yield is below 2% then the AMC factor for a 2% Yield is to be used)

Substituting these values into the formula above we get:

$$\begin{aligned} CE &= [(2,400 \times 2.98) + (9,600 \times 0.32) + (1,200 \times 2.07) - 0] \times 1.50 \\ &= [7,152 + 3,072 + 2,484] \times 1.50 \end{aligned}$$

¹ This yield is an assumed figure for calculation example purposes only and is not the actual yield for April 2016.

$$= 12,708 \times 1.50$$

$$= \text{£}19,062$$

Therefore the Cash Equivalent is **£19,062**.

Calculation of the value of sharable rights

In this case the pension sharing order was issued under Scottish law.

I. Monetary amount to which ex-spouse is entitled £6,000

From 4.5.3, we convert this amount into a percentage as follows:

$$\text{appropriate percentage} = (MA \div CE) \times 100$$

$$= (6,000 \div 19,062) \times 100$$

$$= 31.48 \%$$

Calculation of the pension credit

The following information is required

J. Ex-spouse date of birth	15 February 1982
K. Ex-spouse age	34
L. Ex-spouse gender	Female

From 4.6.5, where the member is a deferred member and the ex-spouse is aged under 65, the formula used to calculate the pension credit is as follows:

$$(\text{ESCE} \div \text{AMC}) \div [F_p + (4 \times F_{is})]$$

ESCE = £6,000 (as given above)

AMC = 1.5 (from Table K "2%" column - see H. earlier)

F_p = 3.52 (from Table J "Females – Pension of £1 per annum" column)

F_{is} = 0.30 (from Table J "Females – Lump sum of £1" column)

Therefore:

$$\text{Pension Credit} = (6,000 \div 1.5) \div [3.52 + (4 \times 0.30)]$$

$$= 4,000 \div 4.72$$

$$= \text{£}847.46$$

Calculation of the pension debit at exit

From 4.7.5, the formulae used to calculate the pension debits for a deferred member are:

$$\text{MEMDEB} = \text{Member's pension at exit} \times \text{appropriate percentage} \div 100$$

$$\text{LSDEB} = \text{Member's lump sum at exit} \times \text{appropriate percentage} \div 100$$

$$\text{SURDEB} = \text{Survivor's pension at exit} \times \text{appropriate percentage} \div 100$$

See **F.** earlier for the member's pension, lump sum and survivor's pension at exit. Substituting into the immediately preceding formulae we have:

$$\begin{aligned} \text{MEMDEB} &= [2,000 \times (31.48 \div 100)] \\ &= \text{£}629.60 \end{aligned}$$

$$\begin{aligned} \text{LSDEB} &= [8,000 \times (31.48 \div 100)] \\ &= \text{£}2,518.40 \end{aligned}$$

$$\begin{aligned} \text{SURDEB} &= 1,000 \times (31.48 \div 100) \\ &= \text{£}314.80 \end{aligned}$$

As there is no GMP, PREGMPDEB and POSTGMPDEB are both zero.

5.7.2 Action at retirement

The member receives their deferred pension at age 65

M. Date of retirement	2 June 2046
N. Age at retirement	65
O. Pension increases factor from exit to retirement	2.9

First we calculate the member's benefits, initially ignoring the pension debit:

$$\text{Full Pension} = 2,000 \times 2.9 = \text{£}5,800$$

$$\text{Full Lump sum} = 8,000 \times 2.9 = \text{£}23,200$$

$$\text{Full Survivor's pension} = 1,000 \times 2.9 = \text{£}2,900$$

From 4.7.6, the debit is revalued from the date of exit to the date of retirement:

$$\begin{aligned} \text{Pension debit} &= 629.60 \times 2.9 \\ &= \text{£}1,825.84 \end{aligned}$$

$$\begin{aligned} \text{Lump sum debit} &= 2,518.40 \times 2.9 \\ &= \text{£}7,303.36 \end{aligned}$$

$$\begin{aligned} \text{Survivor's pension debit} &= 314.80 \times 2.9 \\ &= \text{£}912.92 \end{aligned}$$

Therefore the member's actual entitlement to benefits at retirement after the application of the pension debit will be:

$$\text{Actual Pension} = 5,800 - 1,825.84 = \text{£}3,974.16$$

$$\text{Actual Lump Sum} = 23,200 - 7,303.36 = \text{£}15,896.64$$

$$\text{Actual Survivor's Pension} = 2,900 - 912.92 = \text{£}1,987.08$$

5.8 Pension sharing order for a current pensioner

A quotation of the Cash Equivalent value of the member's benefits will have been provided previously, during the divorce proceedings. However the Cash Equivalent must be recalculated once the pension sharing order has been made. The following information is needed for this calculation:

A. Member date of birth	1 April 1994
B. Calculation date	27 July 2055
C. Member age	61
D. Gender	Female
E. Current benefits	
Member pension	£2,000 pa
Survivor's pension	£1,000 pa
Pre 6/4/88 GMP	nil
Post 6/4/88 GMP	nil
F. Yield used to determine the AMC factor	1.46% ¹

From 4.3.5, the formula to calculate a cash equivalent for a pensioner is:

$$[CP \times F_p + SUR \times F_{sur} - (PRE\ GMP + 0.45 \times POST\ GMP) \times F_{gmp}] \times AMC$$

We have:

CP and SUR have been given in **E.** above.

Pre GMP & Post GMP = 0; so F_{gmp} will not be required

$F_p = 13.14$ (from Table F2 "Pension of £1 pa" column)

$F_{sur} = 0.12$ (from Table F2 "Survivor's pension of £1 pa" column)

AMC = 1.14 (from Table H "2%" column - see **F.** above, and note from 4.3.13 that if the Yield is below 2% then the AMC factor for a 2% Yield is to be used)

Substituting these values into the formula we get:

$$\begin{aligned} CE &= [(2,000 \times 13.14) + (1,000 \times 0.12) - 0] \times 1.14 \\ &= [26,280 + 120] \times 1.14 \\ &= 26,400 \times 1.14 \\ &= \text{£}30,096 \end{aligned}$$

Therefore the Cash Equivalent is **£30,096**.

Calculation of the value of sharable rights

The following information is required from the pension sharing order.

G. Proportion to which ex-spouse is entitled	40%
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From 4.5.2, the formula used to calculate the shareable rights is:

$$(CE \times \text{appropriate percentage}/100) - \text{Charges}$$

There are no implied charges for this example. Therefore:

¹ This yield is an assumed figure for calculation example purposes only and is not the actual yield for July 2055.

$$\begin{aligned} \text{ESCE} &= 30,096 \times (40 \div 100) \\ &= \text{£}12,038.40 \end{aligned}$$

Calculation of the pension credit

The following information is required:

H. Ex-spouse date of birth	15 March 1988
I. Ex-spouse age	67
J. Ex-spouse gender	Male

From 4.6.3, the formula used to calculate the pension credit for an ex-spouse, if the member is a current pensioner, is:

$$(\text{ESCE} \div \text{AMC}) \div F_p$$

$$\text{ESCE} = \text{£}12,038.40 \text{ (as given above)}$$

$$\text{AMC} = 1.11 \text{ (from Table K "2%" column - see F.)}$$

$$F_p = 9.17 \text{ (from Table J "Males - Pension of £1 per annum" column)}$$

Therefore:

$$\begin{aligned} \text{Pension Credit} &= (12,038.40 \div 1.11) \div 9.17 \\ &= 10,845.41 \div 9.17 \\ &= \text{£}1,182.71 \end{aligned}$$

The pension credit will come into payment immediately. No lump sum will be payable.

Calculation of the pension debit

From 4.7.2, the formulae used to calculate the pension debits for a current pensioner are:

$$\text{MEMDEB} = \text{CP} \times \text{appropriate percentage} \div 100$$

$$\text{SURDEB} = \text{SUR} \times \text{appropriate percentage} \div 100$$

Member's pension and survivor's pension are given in **E.** earlier. Therefore:

$$\begin{aligned} \text{MEMDEB} &= [2,000 \times (40 \div 100)] \\ &= \text{£}800 \end{aligned}$$

$$\begin{aligned} \text{LSDEB} &= [1,000 \times (40 \div 100)] \\ &= \text{£}400 \end{aligned}$$

As there is no GMP, PREGMPDEB and POSTGMPDEB are both zero.

A pension debit of £800 and a survivor's pension debit of £400 will take effect immediately.

6 Tables of factors

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Table A1: Transfer value factors for deferred benefits payable from 65

Males

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹	GMP valuation factor (for use in 2.2.9)
			With Partner	Without Partner		
18	1.65	0.18	1.27	1.27	1.35	2.33
19	1.65	0.18	1.27	1.27	1.35	2.39
20	1.65	0.18	1.27	1.27	1.35	2.45
21	1.72	0.19	1.30	1.30	1.38	2.51
22	1.79	0.20	1.34	1.34	1.42	2.58
23	1.86	0.20	1.37	1.37	1.45	2.64
24	1.93	0.21	1.42	1.42	1.49	2.71
25	2.01	0.22	1.47	1.47	1.52	2.77
26	2.08	0.23	1.52	1.52	1.56	2.84
27	2.17	0.24	1.58	1.58	1.60	2.91
28	2.26	0.25	1.63	1.63	1.64	2.98
29	2.35	0.25	1.68	1.68	1.68	3.05
30	2.44	0.26	1.74	1.74	1.72	3.13
31	2.54	0.28	1.80	1.80	1.76	3.20
32	2.64	0.29	1.86	1.86	1.80	3.28
33	2.75	0.30	1.93	1.93	1.84	3.36
34	2.86	0.31	2.00	2.00	1.89	3.45
35	2.98	0.32	2.07	2.07	1.93	3.53
36	3.10	0.33	2.14	2.14	1.98	3.62
37	3.23	0.35	2.21	2.21	2.02	3.71
38	3.36	0.36	2.28	2.28	2.07	3.80
39	3.50	0.38	2.36	2.36	2.12	3.90
40	3.64	0.39	2.44	2.34	2.17	4.00
41	3.79	0.41	2.52	2.30	2.22	4.10
42	3.94	0.42	2.60	2.23	2.27	4.20
43	4.10	0.44	2.68	2.17	2.32	4.30
44	4.27	0.45	2.77	2.10	2.37	4.41
45	4.44	0.47	2.86	2.03	2.43	4.51
46	4.62	0.49	2.94	1.97	2.48	4.63
47	4.81	0.51	3.02	1.90	2.54	4.74
48	5.01	0.53	3.10	1.84	2.60	4.86
49	5.22	0.55	3.19	1.78	2.66	4.98
50	5.44	0.57	3.28	1.73	2.72	5.10
51	5.68	0.59	3.35	1.67	2.78	5.23
52	5.93	0.61	3.42	1.62	2.84	5.36
53	6.19	0.63	3.50	1.57	2.91	5.50
54	6.46	0.66	3.58	1.52	2.98	5.64

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table A1: Transfer value factors for deferred benefits payable from 65
continued

Males

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹	GMP valuation factor (for use in 2.2.9)
			With Partner	Without Partner		
55	6.73	0.68	3.65	1.47	3.05	6.09
56	7.00	0.71	3.71	1.42	3.13	6.25
57	7.28	0.74	3.76	1.36	3.20	6.42
58	7.58	0.76	3.81	1.31	3.29	6.59
59	7.89	0.80	3.86	1.25	3.37	6.78
60	8.23	0.83	3.91	1.20	3.43	6.98
61	8.60	0.86	3.95	1.15	3.48	7.18
62	8.99	0.89	4.00	1.10	3.53	7.40
63	9.41	0.92	4.05	1.05	3.58	7.64
64	9.88	0.96	4.10	1.00	3.64	7.89

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table A2: Transfer value factors for deferred benefits payable from 65

Females

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ^{1 2}
			With Partner	Without Partner	
18	2.03	0.18	0.52	0.52	1.68
19	2.03	0.18	0.52	0.52	1.68
20	2.03	0.18	0.52	0.52	1.68
21	2.11	0.18	0.53	0.53	1.73
22	2.20	0.19	0.54	0.54	1.77
23	2.28	0.20	0.57	0.57	1.81
24	2.38	0.20	0.58	0.58	1.86
25	2.47	0.21	0.60	0.60	1.90
26	2.57	0.22	0.62	0.62	1.95
27	2.67	0.23	0.64	0.64	2.00
28	2.78	0.24	0.65	0.65	2.05
29	2.88	0.25	0.68	0.68	2.10
30	3.00	0.26	0.70	0.70	2.15
31	3.13	0.27	0.72	0.72	2.21
32	3.25	0.28	0.74	0.74	2.26
33	3.38	0.29	0.76	0.76	2.32
34	3.52	0.30	0.78	0.78	2.38
35	3.67	0.32	0.81	0.81	2.44
36	3.81	0.33	0.83	0.83	2.50
37	3.97	0.34	0.85	0.85	2.56
38	4.14	0.35	0.86	0.86	2.63
39	4.31	0.37	0.89	0.89	2.69
40	4.48	0.38	0.93	0.90	2.76
41	4.66	0.40	0.94	0.88	2.83
42	4.85	0.41	0.96	0.85	2.90
43	5.05	0.43	0.98	0.82	2.98
44	5.25	0.45	1.00	0.79	3.05
45	5.47	0.46	1.01	0.75	3.13
46	5.69	0.48	1.04	0.71	3.21
47	5.92	0.50	1.05	0.67	3.29
48	6.17	0.52	1.07	0.62	3.37
49	6.42	0.54	1.08	0.58	3.46
50	6.69	0.56	1.09	0.54	3.55
51	6.97	0.58	1.10	0.49	3.65
52	7.26	0.60	1.11	0.45	3.75
53	7.57	0.63	1.12	0.41	3.85
54	7.90	0.65	1.13	0.37	3.95

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

² This note does not apply to statutory CETVs or divorce cases for female officers entitled to a deferred pension payable from 65 and who have a GMP entitlement: see 1.1.2.

Table A2: Transfer value factors for deferred benefits payable from 65
continued

Females

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ^{1 2}
			With Partner	Without Partner	
55	8.22	0.68	1.13	0.32	4.06
56	8.52	0.71	1.13	0.27	4.18
57	8.85	0.73	1.13	0.22	4.30
58	9.19	0.76	1.12	0.18	4.42
59	9.55	0.79	1.10	0.14	4.55
60	9.92	0.82	1.09	0.13	4.80
61	10.32	0.85	1.08	0.12	4.60
62	10.75	0.89	1.07	0.11	4.40
63	11.19	0.92	1.05	0.10	4.20
64	11.67	0.96	1.04	0.09	4.00

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

² This note does not apply to statutory CETVs or divorce cases for female officers entitled to a deferred pension payable from 65 and who have a GMP entitlement: see 1.1.2.

Table B1: Club incoming transfer service credit factors

Males

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹
			With Partner	Without Partner	
18	3.56	0.26	1.27	1.27	1.35
19	3.56	0.26	1.27	1.27	1.35
20	3.56	0.26	1.27	1.27	1.35
21	3.70	0.27	1.30	1.30	1.38
22	3.85	0.28	1.34	1.34	1.42
23	4.01	0.29	1.37	1.37	1.45
24	4.17	0.30	1.42	1.42	1.49
25	4.34	0.31	1.47	1.47	1.52
26	4.52	0.32	1.52	1.52	1.56
27	4.70	0.33	1.58	1.58	1.60
28	4.89	0.35	1.63	1.63	1.64
29	5.09	0.36	1.68	1.68	1.68
30	5.30	0.38	1.74	1.74	1.72
31	5.51	0.39	1.80	1.80	1.76
32	5.74	0.40	1.86	1.86	1.80
33	5.97	0.42	1.93	1.93	1.84
34	6.21	0.44	2.00	2.00	1.89
35	6.46	0.46	2.07	2.07	1.93
36	6.72	0.47	2.14	2.14	1.98
37	6.98	0.49	2.21	2.21	2.02
38	7.26	0.51	2.28	2.28	2.07
39	7.55	0.53	2.36	2.36	2.12
40	7.86	0.55	2.44	2.34	2.17
41	8.17	0.57	2.52	2.30	2.22
42	8.50	0.60	2.60	2.23	2.27
43	8.84	0.62	2.68	2.17	2.32
44	9.21	0.65	2.77	2.10	2.37
45	9.56	0.67	2.86	2.03	2.43
46	9.91	0.70	2.94	1.97	2.48
47	10.27	0.73	3.02	1.90	2.54
48	10.66	0.76	3.10	1.84	2.60
49	11.06	0.79	3.19	1.78	2.66
50	11.48	0.82	3.28	1.73	2.72
51	11.92	0.85	3.35	1.67	2.78
52	12.38	0.88	3.42	1.62	2.84
53	12.87	0.92	3.50	1.57	2.91
54	13.38	0.96	3.58	1.52	2.98

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table B1: Club incoming transfer service credit factors *continued*

Males

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹
			With Partner	Without Partner	
55	13.76	1.00	3.65	1.47	3.05
56	13.39	1.00	3.71	1.42	3.13
57	13.01	1.00	3.76	1.36	3.20
58	12.62	1.00	3.81	1.31	3.29
59	12.17	1.00	3.86	1.25	3.37
60	11.87	1.00	3.91	1.20	3.43
61	11.48	1.00	3.95	1.15	3.48
62	11.09	1.00	4.00	1.10	3.53
63	10.70	1.00	4.05	1.05	3.58
64	10.31	1.00	4.10	1.00	3.64

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table B2: Club incoming transfer service credit factors

Females

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹
			With Partner	Without Partner	
18	3.97	0.25	0.52	0.52	1.68
19	3.97	0.25	0.52	0.52	1.68
20	3.97	0.25	0.52	0.52	1.68
21	4.13	0.26	0.53	0.53	1.73
22	4.30	0.27	0.54	0.54	1.77
23	4.47	0.28	0.57	0.57	1.81
24	4.65	0.30	0.58	0.58	1.86
25	4.84	0.31	0.60	0.60	1.90
26	5.04	0.32	0.62	0.62	1.95
27	5.24	0.33	0.64	0.64	2.00
28	5.45	0.34	0.65	0.65	2.05
29	5.68	0.36	0.68	0.68	2.10
30	5.91	0.37	0.70	0.70	2.15
31	6.15	0.39	0.72	0.72	2.21
32	6.40	0.40	0.74	0.74	2.26
33	6.66	0.42	0.76	0.76	2.32
34	6.92	0.44	0.78	0.78	2.38
35	7.20	0.45	0.81	0.81	2.44
36	7.49	0.47	0.83	0.83	2.50
37	7.80	0.49	0.85	0.85	2.56
38	8.11	0.51	0.86	0.86	2.63
39	8.44	0.53	0.89	0.89	2.69
40	8.77	0.55	0.93	0.90	2.76
41	9.13	0.57	0.94	0.88	2.83
42	9.50	0.60	0.96	0.85	2.90
43	9.89	0.62	0.98	0.82	2.98
44	10.29	0.65	1.00	0.79	3.05
45	10.69	0.67	1.01	0.75	3.13
46	11.09	0.70	1.04	0.71	3.21
47	11.50	0.72	1.05	0.67	3.29
48	11.94	0.75	1.07	0.62	3.37
49	12.38	0.79	1.08	0.58	3.46
50	12.85	0.82	1.09	0.54	3.55
51	13.35	0.85	1.10	0.49	3.65
52	13.86	0.88	1.11	0.45	3.75
53	14.39	0.92	1.12	0.41	3.85
54	14.96	0.96	1.13	0.37	3.95

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table B2: Club incoming transfer service credit factors *continued*

Females

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹
			With Partner	Without Partner	
55	15.27	1.00	1.13	0.32	4.06
56	14.93	1.00	1.13	0.27	4.18
57	14.57	1.00	1.13	0.22	4.30
58	14.21	1.00	1.12	0.18	4.42
59	13.86	1.00	1.10	0.14	4.55
60	13.49	1.00	1.09	0.13	4.80
61	13.14	1.00	1.08	0.12	4.60
62	12.79	1.00	1.07	0.11	4.40
63	12.44	1.00	1.05	0.10	4.20
64	12.09	1.00	1.04	0.09	4.00

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table C1: Statutory CETV incoming transfer service credit factors

Males

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹
			With Partner	Without Partner	
18	10.37	0.73	3.35	3.35	1.35
19	10.37	0.73	3.35	3.35	1.35
20	10.37	0.73	3.35	3.35	1.35
21	10.60	0.75	3.37	3.37	1.38
22	10.83	0.77	3.41	3.41	1.42
23	11.06	0.78	3.45	3.45	1.45
24	11.29	0.80	3.50	3.50	1.49
25	11.51	0.81	3.55	3.55	1.52
26	11.73	0.82	3.60	3.60	1.56
27	11.95	0.84	3.65	3.65	1.60
28	12.16	0.85	3.70	3.70	1.64
29	12.36	0.87	3.75	3.75	1.68
30	12.56	0.88	3.80	3.80	1.72
31	12.76	0.89	3.85	3.85	1.76
32	12.96	0.91	3.90	3.90	1.80
33	13.14	0.92	3.95	3.95	1.84
34	13.31	0.93	4.00	4.00	1.89
35	13.47	0.94	4.04	4.04	1.93
36	13.62	0.95	4.07	4.07	1.98
37	13.75	0.96	4.10	4.10	2.02
38	13.84	0.97	4.12	4.12	2.07
39	13.92	0.98	4.14	4.14	2.12
40	14.00	0.98	4.15	3.97	2.17
41	14.08	0.99	4.16	3.79	2.22
42	14.16	0.99	4.17	3.59	2.27
43	14.24	1.00	4.17	3.38	2.32
44	14.32	1.01	4.17	3.17	2.37
45	14.38	1.01	4.17	2.97	2.43
46	14.41	1.02	4.17	2.79	2.48
47	14.43	1.02	4.16	2.62	2.54
48	14.46	1.03	4.15	2.45	2.60
49	14.50	1.03	4.14	2.30	2.66
50	14.54	1.04	4.12	2.17	2.72
51	14.60	1.04	4.08	2.04	2.78
52	14.66	1.05	4.04	1.91	2.84
53	14.73	1.05	4.00	1.79	2.91
54	14.81	1.06	3.96	1.68	2.98

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table C1: Statutory CETV incoming transfer service credit factors *continued*

Males

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹
			With Partner	Without Partner	
55	14.41	1.06	4.04	1.63	3.05
56	14.00	1.06	4.11	1.57	3.13
57	13.58	1.06	4.16	1.51	3.20
58	13.10	1.06	4.22	1.45	3.29
59	12.78	1.06	4.27	1.38	3.37
60	12.36	1.06	4.33	1.33	3.43
61	11.94	1.06	4.37	1.27	3.48
62	11.52	1.06	4.43	1.22	3.53
63	11.10	1.06	4.48	1.16	3.58
64	10.66	1.06	4.54	1.11	3.64

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table C2: Statutory CETV incoming transfer service credit factors

Females

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹
			With Partner	Without Partner	
18	11.57	0.73	1.36	1.36	1.68
19	11.57	0.73	1.36	1.36	1.68
20	11.57	0.73	1.36	1.36	1.68
21	11.82	0.75	1.37	1.37	1.73
22	12.07	0.77	1.38	1.38	1.77
23	12.33	0.78	1.40	1.40	1.81
24	12.58	0.80	1.42	1.42	1.86
25	12.83	0.81	1.43	1.43	1.90
26	13.08	0.82	1.45	1.45	1.95
27	13.32	0.84	1.47	1.47	2.00
28	13.56	0.85	1.48	1.48	2.05
29	13.79	0.87	1.50	1.50	2.10
30	14.01	0.88	1.52	1.52	2.15
31	14.23	0.89	1.53	1.53	2.21
32	14.45	0.91	1.54	1.54	2.26
33	14.66	0.92	1.55	1.55	2.32
34	14.85	0.93	1.56	1.56	2.38
35	15.04	0.94	1.56	1.56	2.44
36	15.21	0.95	1.56	1.56	2.50
37	15.37	0.96	1.56	1.56	2.56
38	15.49	0.97	1.56	1.56	2.63
39	15.58	0.98	1.56	1.56	2.69
40	15.67	0.98	1.56	1.52	2.76
41	15.76	0.99	1.55	1.45	2.83
42	15.85	0.99	1.53	1.36	2.90
43	15.94	1.00	1.52	1.27	2.98
44	16.03	1.01	1.50	1.18	3.05
45	16.11	1.01	1.48	1.09	3.13
46	16.16	1.02	1.47	1.00	3.21
47	16.20	1.02	1.45	0.91	3.29
48	16.24	1.03	1.43	0.83	3.37
49	16.28	1.03	1.40	0.75	3.46
50	16.33	1.04	1.37	0.67	3.55
51	16.38	1.04	1.34	0.60	3.65
52	16.44	1.05	1.31	0.53	3.75
53	16.50	1.05	1.28	0.46	3.85
54	16.56	1.06	1.25	0.40	3.95

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table C2: Statutory CETV incoming transfer service credit factors *continued*

Females

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹
			With Partner	Without Partner	
55	16.19	1.06	1.25	0.35	4.06
56	15.80	1.06	1.25	0.30	4.18
57	15.41	1.06	1.25	0.24	4.30
58	15.03	1.06	1.24	0.20	4.42
59	14.63	1.06	1.21	0.15	4.55
60	14.25	1.06	1.20	0.14	4.80
61	13.87	1.06	1.19	0.13	4.60
62	13.49	1.06	1.18	0.12	4.40
63	13.11	1.06	1.16	0.11	4.20
64	12.74	1.06	1.15	0.10	4.00

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table D: Adjustment for market conditions for use with Tables A, B and C
Males and Females

Age last birthday at relevant date	Yield on index-linked stocks ¹ at relevant date			
	2%	3%	4%	5%
16 – 25	1.60	1.23	1.00	0.84
26 – 28	1.57	1.22	1.00	0.85
29 – 31	1.54	1.21	1.00	0.85
32 – 33	1.51	1.20	1.00	0.86
34 – 35	1.50	1.19	1.00	0.86
36 – 37	1.46	1.18	1.00	0.87
38	1.45	1.18	1.00	0.87
39	1.44	1.17	1.00	0.88
40	1.43	1.17	1.00	0.88
41	1.42	1.17	1.00	0.88
42	1.40	1.16	1.00	0.88
43	1.39	1.16	1.00	0.88
44	1.38	1.15	1.00	0.89
45	1.37	1.15	1.00	0.89
46	1.36	1.15	1.00	0.89
47	1.35	1.14	1.00	0.89
48	1.33	1.14	1.00	0.90
49	1.32	1.13	1.00	0.90
50	1.31	1.13	1.00	0.90
51	1.30	1.13	1.00	0.90
52	1.29	1.12	1.00	0.91
53	1.28	1.12	1.00	0.91
54	1.25	1.11	1.00	0.91
55	1.23	1.11	1.00	0.91
56	1.20	1.10	1.00	0.92
57	1.17	1.08	1.00	0.92
58	1.15	1.06	1.00	0.92
59	1.12	1.04	1.00	0.92
60 – 64	1.12	1.04	1.00	0.92

The market level adjustment is obtained from the table above by interpolation between the columns. Two examples are given below.

In the case of an officer aged 30 who is leaving the police service, and is entitled to a cash equivalent of £12,250 with a yield on index-linked stocks at the relevant (“guarantee”) date for the transfer of 1.93%, the relevant factor in the 2% column is 1.54. The adjusted transfer value payable would be:

$$£12,250 \times 1.54 = £18,865$$

In the case of a 25 year old officer joining the police service with an entitlement to a cash equivalent of £7,500 where a yield on index-linked stocks at the relevant (“guarantee”) date for the transfer is 2.12%, the relevant factors in the 2% and 3% columns are 1.60 and 1.23 respectively. The amount to be applied for the purpose of calculating reckonable service credit would be:

$$£7,500 \div [(0.88 \times 1.60) + (0.12 \times 1.23)] = £4,821.29$$

¹ Yield on the FT-Actuaries index of index-linked stocks for redemption periods of over 5 years with 0% inflation assumption

Table E1: Transfer value factors for active members entitled to immediate benefits

Males

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹
			With Partner	Without Partner	
55	13.76	1.00	3.65	1.47	3.05
56	13.39	1.00	3.71	1.42	3.13
57	13.01	1.00	3.76	1.36	3.20
58	12.62	1.00	3.81	1.31	3.29
59	12.17	1.00	3.86	1.25	3.37
60	11.87	1.00	3.91	1.20	3.43
61	11.48	1.00	3.95	1.15	3.48
62	11.09	1.00	4.00	1.10	3.53
63	10.70	1.00	4.05	1.05	3.58
64	10.31	1.00	4.10	1.00	3.64

Table E2: Transfer value factors for active members entitled to immediate benefits

Females

Age last birthday at relevant date	Pension of £1 per annum	Lump sum of £1	Survivor's pension of £1 per annum		Saving factor for GMP of £1 per annum ¹
			With Partner	Without Partner	
55	15.27	1.00	1.13	0.32	4.06
56	14.93	1.00	1.13	0.27	4.18
57	14.57	1.00	1.13	0.22	4.30
58	14.21	1.00	1.12	0.18	4.42
59	13.86	1.00	1.10	0.14	4.55
60	13.49	1.00	1.09	0.13	4.80
61	13.14	1.00	1.08	0.12	4.60
62	12.79	1.00	1.07	0.11	4.40
63	12.44	1.00	1.05	0.10	4.20
64	12.09	1.00	1.04	0.09	4.00

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table F1: Pensioner cash equivalent factors for divorce purposes

Retirement *not* on grounds of ill health – Males

Age last birthday at relevant date	Pension of £1 per annum	Survivor's pension of £1 per annum	Saving factor for GMP of £1 per annum ¹
55	13.76	1.47	3.05
56	13.39	1.42	3.13
57	13.01	1.36	3.20
58	12.62	1.31	3.29
59	12.17	1.25	3.37
60	11.87	1.20	3.43
61	11.48	1.15	3.48
62	11.09	1.10	3.53
63	10.70	1.05	3.58
64	10.31	1.00	3.64
65	9.90	0.94	3.72
66	9.53	0.88	3.42
67	9.17	0.82	3.24
68	8.81	0.76	3.06
69	8.45	0.69	2.88
70	8.10	0.62	2.70
71	7.75	0.56	2.53
72	7.42	0.49	2.37
73	7.08	0.47	2.21
74	6.76	0.46	2.05
75	6.44	0.45	1.91
76	6.14	0.45	1.76
77	5.84	0.45	1.63
78	5.56	0.45	1.49
79	5.28	0.45	1.37
80	5.01	0.45	1.25
81	4.76	0.45	1.13
82	4.52	0.45	1.03
83	4.29	0.45	0.93
84	4.06	0.45	0.83
85	3.85	0.45	0.74

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table F2: Pensioner cash equivalent factors for divorce purposes

Retirement *not* on grounds of ill health – Females

Age last birthday at relevant date	Pension of £1 per annum	Survivor's pension of £1 per annum	Saving factor for GMP of £1 per annum ¹
55	15.27	0.32	4.06
56	14.93	0.27	4.18
57	14.57	0.22	4.30
58	14.21	0.18	4.42
59	13.86	0.14	4.55
60	13.49	0.13	4.80
61	13.14	0.12	4.60
62	12.79	0.11	4.40
63	12.44	0.10	4.20
64	12.09	0.09	4.00
65	11.75	0.09	3.70
66	11.37	0.09	3.40
67	10.99	0.09	3.21
68	10.61	0.09	3.03
69	10.22	0.09	2.85
70	9.84	0.09	2.67
71	9.45	0.09	2.50
72	9.06	0.09	2.33
73	8.68	0.09	2.17
74	8.31	0.09	2.01
75	7.94	0.09	1.86
76	7.57	0.09	1.72
77	7.22	0.09	1.58
78	6.88	0.09	1.46
79	6.56	0.09	1.34
80	6.24	0.09	1.22
81	5.94	0.09	1.12
82	5.66	0.09	1.02
83	5.38	0.09	0.93
84	5.13	0.09	0.85
85	4.89	0.09	0.77

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table G1: Ill health pensioner cash equivalent factors for divorce purposes

Retirement on grounds of ill health – Males

Age last birthday at relevant date	Pension of £1 per annum	Survivor's pension of £1 per annum	Saving factor for GMP of £1 per annum ¹
18	17.43	5.62	1.08
19	17.37	5.63	1.10
20	17.32	5.64	1.13
21	17.27	5.65	1.16
22	17.21	5.66	1.19
23	17.16	5.67	1.22
24	17.09	5.68	1.24
25	17.03	5.69	1.27
26	16.96	5.70	1.30
27	16.88	5.71	1.34
28	16.81	5.72	1.37
29	16.72	5.74	1.40
30	16.64	5.75	1.43
31	16.55	5.75	1.47
32	16.45	5.72	1.50
33	16.35	5.71	1.54
34	16.25	5.69	1.58
35	16.14	5.64	1.61
36	16.02	5.59	1.65
37	15.90	5.52	1.69
38	15.78	5.44	1.73
39	15.65	5.35	1.77
40	15.51	5.03	1.81
41	15.37	4.69	1.85
42	15.23	4.30	1.89
43	15.07	3.93	1.93
44	14.92	3.56	1.98
45	14.76	3.21	2.02
46	14.59	2.88	2.06
47	14.42	2.57	2.11
48	14.24	2.27	2.16
49	14.06	2.04	2.20
50	13.83	1.90	2.25
51	13.57	1.79	2.30
52	13.30	1.71	2.35
53	13.02	1.65	2.41
54	12.73	1.58	2.46

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

**Table G1: Ill health pensioner cash equivalent factors for divorce purposes
*continued***

Retirement on grounds of ill health – Males

Age last birthday at relevant date	Pension of £1 per annum	Survivor's pension of £1 per annum	Saving factor for GMP of £1 per annum ¹
55	12.39	1.52	2.52
56	12.12	1.45	2.57
57	11.84	1.38	2.64
58	11.55	1.31	2.70
59	11.19	1.25	2.77
60	10.98	1.20	2.84
61	10.68	1.15	2.92
62	10.37	1.10	2.99
63	10.06	1.05	3.07
64	9.74	1.00	3.14
65	9.40	0.94	3.22
66	9.10	0.88	2.92
67	8.80	0.82	2.76
68	8.50	0.76	2.61
69	8.20	0.69	2.45
70	7.90	0.62	2.30
71	7.60	0.56	2.15
72	7.30	0.49	2.01
73	7.01	0.47	1.87
74	6.73	0.46	1.74
75	6.44	0.45	1.61
76	6.14	0.45	1.48
77	5.84	0.45	1.37
78	5.56	0.45	1.25
79	5.28	0.45	1.14
80	5.01	0.45	1.04
81	4.76	0.45	0.94
82	4.52	0.45	0.85
83	4.29	0.45	0.76
84	4.06	0.45	0.68
85	3.85	0.45	0.60

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table G2: Ill health pensioner cash equivalent factors for divorce purposes

Retirement on grounds of ill health – Females

Age last birthday at relevant date	Pension of £1 per annum	Survivor's pension of £1 per annum	Saving factor for GMP of £1 per annum ¹
18	18.47	4.17	1.07
19	18.41	4.17	1.10
20	18.35	4.17	1.12
21	18.30	4.17	1.15
22	18.24	4.18	1.18
23	18.18	4.18	1.21
24	18.11	4.18	1.24
25	18.04	4.18	1.27
26	17.97	4.19	1.30
27	17.90	4.19	1.33
28	17.82	4.19	1.37
29	17.74	4.19	1.40
30	17.65	4.19	1.44
31	17.56	4.19	1.47
32	17.47	4.13	1.51
33	17.37	4.07	1.55
34	17.27	4.03	1.59
35	17.16	3.99	1.63
36	17.05	3.94	1.67
37	16.94	3.84	1.71
38	16.82	3.74	1.75
39	16.69	3.70	1.80
40	16.56	3.52	1.84
41	16.43	3.26	1.89
42	16.29	3.01	1.94
43	16.14	2.73	1.99
44	15.99	2.45	2.04
45	15.83	2.17	2.09
46	15.67	1.92	2.14
47	15.50	1.66	2.20
48	15.33	1.41	2.25
49	15.15	1.20	2.31
50	14.93	1.00	2.37
51	14.68	0.82	2.43
52	14.41	0.66	2.50
53	14.14	0.51	2.57
54	13.86	0.44	2.64

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

**Table G2: Ill health pensioner cash equivalent factors for divorce purposes
*continued***

Retirement on grounds of ill health – Females

Age last birthday at relevant date	Pension of £1 per annum	Survivor's pension of £1 per annum	Saving factor for GMP of £1 per annum ¹
55	13.64	0.37	2.71
56	13.42	0.30	2.79
57	13.18	0.24	2.87
58	12.93	0.19	2.95
59	12.68	0.14	3.04
60	12.42	0.13	3.15
61	12.17	0.12	2.86
62	11.91	0.11	2.71
63	11.66	0.10	2.57
64	11.40	0.09	2.42
65	11.14	0.09	2.28
66	10.84	0.09	2.13
67	10.54	0.09	2.00
68	10.23	0.09	1.86
69	9.92	0.09	1.73
70	9.60	0.09	1.60
71	9.27	0.09	1.48
72	8.94	0.09	1.36
73	8.61	0.09	1.26
74	8.29	0.09	1.15
75	7.96	0.09	1.06
76	7.57	0.09	0.97
77	7.22	0.09	0.89
78	6.88	0.09	0.81
79	6.56	0.09	0.74
80	6.24	0.09	0.67
81	5.94	0.09	0.61
82	5.66	0.09	0.56
83	5.38	0.09	0.51
84	5.13	0.09	0.47
85	4.89	0.09	0.42

¹ When calculating the saving for GMP, the factor given should be applied to the sum of the GMP amount in respect of service up to 5.4.1988 and 45% of the GMP amount in respect of service after that date.

Table H: Adjustment for market conditions for use with Tables E, F and G
Males and Females

Age last birthday at relevant date	Yield on index-linked stocks ¹ at relevant date			
	2%	3%	4%	5%
18	1.48	1.20	1.00	0.86
19	1.47	1.20	1.00	0.86
20	1.46	1.19	1.00	0.86
21	1.45	1.19	1.00	0.86
22	1.45	1.19	1.00	0.86
23	1.44	1.18	1.00	0.86
24	1.43	1.18	1.00	0.86
25	1.42	1.18	1.00	0.87
26	1.41	1.17	1.00	0.87
27	1.40	1.17	1.00	0.87
28	1.39	1.16	1.00	0.87
29	1.39	1.16	1.00	0.87
30	1.38	1.16	1.00	0.87
31	1.37	1.15	1.00	0.87
32	1.36	1.15	1.00	0.87
33	1.35	1.15	1.00	0.88
34	1.34	1.14	1.00	0.88
35	1.33	1.14	1.00	0.88
36	1.32	1.14	1.00	0.88
37	1.32	1.13	1.00	0.88
38	1.31	1.13	1.00	0.88
39	1.30	1.13	1.00	0.89
40	1.29	1.12	1.00	0.89
41	1.28	1.12	1.00	0.89
42	1.27	1.12	1.00	0.89
43	1.27	1.11	1.00	0.89
44	1.26	1.11	1.00	0.89
45	1.25	1.11	1.00	0.90
46	1.24	1.10	1.00	0.90
47	1.24	1.10	1.00	0.90
48	1.23	1.10	1.00	0.90
49	1.22	1.10	1.00	0.90
50	1.22	1.09	1.00	0.90
51	1.21	1.09	1.00	0.91
52	1.20	1.09	1.00	0.91
53	1.19	1.08	1.00	0.91
54	1.19	1.08	1.00	0.91

¹ Yield on the FT-Actuaries index of index-linked stocks for redemption periods of over 5 years with 0% inflation assumption

Table H: Adjustment for market conditions for use with Tables E, F and G
continued

Males and Females

Age last birthday at relevant date	Yield on index-linked stocks ¹ at relevant date			
	2%	3%	4%	5%
55	1.18	1.08	1.00	0.91
56	1.17	1.08	1.00	0.92
57	1.17	1.07	1.00	0.92
58	1.16	1.07	1.00	0.92
59	1.15	1.07	1.00	0.92
60	1.15	1.07	1.00	0.92
61	1.14	1.06	1.00	0.93
62	1.14	1.06	1.00	0.93
63	1.13	1.06	1.00	0.93
64	1.13	1.06	1.00	0.93
65	1.12	1.05	1.00	0.94
66	1.12	1.05	1.00	0.94
67	1.11	1.05	1.00	0.94
68	1.11	1.05	1.00	0.94
69	1.10	1.05	1.00	0.94
70	1.10	1.04	1.00	0.95
71	1.09	1.04	1.00	0.95
72	1.09	1.04	1.00	0.95
73	1.08	1.04	1.00	0.95
74	1.08	1.04	1.00	0.96
75	1.08	1.04	1.00	0.96
76	1.07	1.03	1.00	0.96
77	1.07	1.03	1.00	0.96
78	1.07	1.03	1.00	0.96
79	1.07	1.03	1.00	0.97
80	1.06	1.03	1.00	0.97
81	1.06	1.03	1.00	0.97
82	1.06	1.03	1.00	0.97
83	1.06	1.03	1.00	0.97
84	1.06	1.03	1.00	0.97
85	1.06	1.03	1.00	0.98

¹ Yield on the FT-Actuaries index of index-linked stocks for redemption periods of over 5 years with 0% inflation assumption

Table J: Factors for calculating the pension credit

Age last birthday at relevant date ¹	Males ²		Females ²	
	Pension of £1 per annum	Lump sum of £1	Pension of £1 per annum	Lump sum of £1
16	1.65	0.18	2.03	0.18
17	1.65	0.18	2.03	0.18
18	1.65	0.18	2.03	0.18
19	1.65	0.18	2.03	0.18
20	1.65	0.18	2.03	0.18
21	1.72	0.19	2.11	0.18
22	1.79	0.20	2.20	0.19
23	1.86	0.20	2.28	0.20
24	1.93	0.21	2.38	0.20
25	2.01	0.22	2.47	0.21
26	2.08	0.23	2.57	0.22
27	2.17	0.24	2.67	0.23
28	2.26	0.25	2.78	0.24
29	2.35	0.25	2.88	0.25
30	2.44	0.26	3.00	0.26
31	2.54	0.28	3.13	0.27
32	2.64	0.29	3.25	0.28
33	2.75	0.30	3.38	0.29
34	2.86	0.31	3.52	0.30
35	2.98	0.32	3.67	0.32
36	3.10	0.33	3.81	0.33
37	3.23	0.35	3.97	0.34
38	3.36	0.36	4.14	0.35
39	3.50	0.38	4.31	0.37
40	3.64	0.39	4.48	0.38
41	3.79	0.41	4.66	0.40
42	3.94	0.42	4.85	0.41
43	4.10	0.44	5.05	0.43
44	4.27	0.45	5.25	0.45
45	4.44	0.47	5.47	0.46
46	4.62	0.49	5.69	0.48
47	4.81	0.51	5.92	0.50
48	5.01	0.53	6.17	0.52
49	5.22	0.55	6.42	0.54
50	5.44	0.57	6.69	0.56
51	5.68	0.59	6.97	0.58
52	5.93	0.61	7.26	0.60
53	6.19	0.63	7.57	0.63
54	6.46	0.66	7.90	0.65

¹ Use the age of the ex-spouse or ex-civil partner, not the age of the member

² Use the gender of the ex spouse or ex-civil partner, not the gender of the member

Table J: Factors for calculating the pension credit *continued*

Age last birthday at relevant date ¹	Males ²		Females ²	
	Pension of £1 per annum	Lump sum of £1	Pension of £1 per annum	Lump sum of £1
55	6.73	0.68	8.22	0.68
56	7.00	0.71	8.52	0.71
57	7.28	0.74	8.85	0.73
58	7.58	0.76	9.19	0.76
59	7.89	0.80	9.55	0.79
60	8.23	0.83	9.92	0.82
61	8.60	0.86	10.32	0.85
62	8.99	0.89	10.75	0.89
63	9.41	0.92	11.19	0.92
64	9.88	0.96	11.67	0.96
65	9.90	1.00	11.75	1.00
66	9.53	1.00	11.37	1.00
67	9.17	1.00	10.99	1.00
68	8.81	1.00	10.61	1.00
69	8.45	1.00	10.22	1.00
70	8.10	1.00	9.84	1.00
71	7.75	1.00	9.45	1.00
72	7.42	1.00	9.06	1.00
73	7.08	1.00	8.68	1.00
74	6.76	1.00	8.31	1.00
75	6.44	1.00	7.94	1.00
76	6.14	1.00	7.57	1.00
77	5.84	1.00	7.22	1.00
78	5.56	1.00	6.88	1.00
79	5.28	1.00	6.56	1.00
80	5.01	1.00	6.24	1.00
81	4.76	1.00	5.94	1.00
82	4.52	1.00	5.66	1.00
83	4.29	1.00	5.38	1.00
84	4.06	1.00	5.13	1.00
85	3.85	1.00	4.89	1.00

¹ Use the age of the ex-spouse or the ex-civil partner, not the age of the member

² Use the gender of the ex-spouse or ex-civil partner, not the gender of the member

Table K: Adjustment for market conditions for use with Table J

Males and Females

Age last birthday at relevant date ¹	Yield on index-linked stocks ² at relevant date			
	2%	3%	4%	5%
16 – 25	1.60	1.23	1.00	0.84
26 – 28	1.57	1.22	1.00	0.85
29 – 31	1.54	1.21	1.00	0.85
32 – 33	1.51	1.20	1.00	0.86
34 – 35	1.50	1.19	1.00	0.86
36 – 37	1.46	1.18	1.00	0.87
38	1.45	1.18	1.00	0.87
39	1.44	1.17	1.00	0.88
40	1.43	1.17	1.00	0.88
41	1.42	1.17	1.00	0.88
42	1.40	1.16	1.00	0.88
43	1.39	1.16	1.00	0.88
44	1.38	1.15	1.00	0.89
45	1.37	1.15	1.00	0.89
46	1.36	1.15	1.00	0.89
47	1.35	1.14	1.00	0.89
48	1.33	1.14	1.00	0.90
49	1.32	1.13	1.00	0.90
50	1.31	1.13	1.00	0.90
51	1.30	1.13	1.00	0.90
52	1.29	1.12	1.00	0.91
53	1.28	1.12	1.00	0.91
54	1.25	1.11	1.00	0.91
55	1.23	1.11	1.00	0.91
56	1.20	1.10	1.00	0.92
57	1.17	1.08	1.00	0.92
58	1.15	1.06	1.00	0.92
59	1.12	1.04	1.00	0.92
60	1.12	1.04	1.00	0.92
61	1.12	1.04	1.00	0.92
62	1.12	1.04	1.00	0.92
63	1.12	1.04	1.00	0.92
64	1.12	1.04	1.00	0.92

¹ Use the age of the ex-spouse or the ex-civil partner, not the age of the member

² Yield on the FT-Actuaries index of index-linked stocks for redemption periods of over 5 years with 0% inflation assumption

Table K: Adjustment for market conditions for use with Table J *continued*

Males and Females

Age last birthday at relevant date ¹	Yield on index-linked stocks ² at relevant date			
	2%	3%	4%	5%
65	1.12	1.05	1.00	0.94
66	1.12	1.05	1.00	0.94
67	1.11	1.05	1.00	0.94
68	1.11	1.05	1.00	0.94
69	1.10	1.05	1.00	0.94
70	1.10	1.04	1.00	0.95
71	1.09	1.04	1.00	0.95
72	1.09	1.04	1.00	0.95
73	1.08	1.04	1.00	0.95
74	1.08	1.04	1.00	0.96
75	1.08	1.04	1.00	0.96
76	1.07	1.03	1.00	0.96
77	1.07	1.03	1.00	0.96
78	1.07	1.03	1.00	0.96
79	1.07	1.03	1.00	0.97
80	1.06	1.03	1.00	0.97
81	1.06	1.03	1.00	0.97
82	1.06	1.03	1.00	0.97
83	1.06	1.03	1.00	0.97
84	1.06	1.03	1.00	0.97
85	1.06	1.03	1.00	0.98

¹ Use the age of the ex-spouse or the ex-civil partner, not the age of the member

² Yield on the FT-Actuaries index of index-linked stocks for redemption periods of over 5 years with 0% inflation assumption

Table L1: Reduction to pension debit on retirement before age 65

Adjustment to pension – Males and Females

Age of the member when benefits come into payment ¹										
months	55	56	57	58	59	60	61	62	63	64
0	0.554	0.584	0.617	0.653	0.691	0.733	0.778	0.827	0.880	0.939
1	0.556	0.587	0.620	0.656	0.694	0.736	0.782	0.831	0.885	0.944
2	0.559	0.590	0.623	0.659	0.698	0.740	0.786	0.835	0.890	0.949
3	0.561	0.593	0.626	0.662	0.701	0.744	0.790	0.840	0.895	0.955
4	0.564	0.595	0.629	0.665	0.705	0.747	0.794	0.844	0.900	0.960
5	0.566	0.598	0.632	0.669	0.708	0.751	0.798	0.849	0.904	0.965
6	0.569	0.601	0.635	0.672	0.712	0.755	0.802	0.853	0.909	0.971
7	0.572	0.603	0.638	0.675	0.715	0.759	0.806	0.858	0.914	0.976
8	0.574	0.606	0.641	0.678	0.719	0.762	0.810	0.862	0.919	0.981
9	0.577	0.609	0.644	0.681	0.722	0.766	0.814	0.867	0.924	0.987
10	0.579	0.612	0.647	0.685	0.725	0.770	0.818	0.871	0.929	0.992
11	0.582	0.614	0.650	0.688	0.729	0.774	0.822	0.875	0.934	0.997

Table L2: Reduction to pension debit on retirement before age 65

Adjustment to lump sum – Males and Females

Age of the member when benefits come into payment ¹										
months	55	56	57	58	59	60	61	62	63	64
0	0.712	0.736	0.762	0.788	0.816	0.844	0.873	0.904	0.935	0.968
1	0.714	0.739	0.764	0.791	0.818	0.846	0.876	0.906	0.938	0.970
2	0.716	0.741	0.766	0.793	0.820	0.849	0.878	0.909	0.940	0.973
3	0.718	0.743	0.769	0.795	0.823	0.851	0.881	0.911	0.943	0.976
4	0.720	0.745	0.771	0.797	0.825	0.854	0.883	0.914	0.946	0.979
5	0.722	0.747	0.773	0.800	0.827	0.856	0.886	0.917	0.949	0.982
6	0.724	0.749	0.775	0.802	0.830	0.859	0.888	0.919	0.951	0.985
7	0.726	0.751	0.777	0.804	0.832	0.861	0.891	0.922	0.954	0.987
8	0.728	0.753	0.780	0.807	0.835	0.864	0.893	0.925	0.957	0.990
9	0.730	0.756	0.782	0.809	0.837	0.866	0.896	0.927	0.959	0.993
10	0.732	0.758	0.784	0.811	0.839	0.868	0.899	0.930	0.962	0.996
11	0.734	0.760	0.786	0.813	0.842	0.871	0.901	0.932	0.965	0.999

¹ Calculate the member's age in years and complete months

Table M1: Reduction to pension debit on ill health retirement

Adjustment to pension – Males and Females

Age of the member when benefits come into payment ¹							
months	18	19	20	21	22	23	24
0	0.088	0.091	0.095	0.099	0.104	0.108	0.113
1	0.088	0.092	0.096	0.100	0.104	0.109	0.114
2	0.088	0.092	0.096	0.100	0.105	0.109	0.114
3	0.088	0.092	0.096	0.101	0.105	0.110	0.114
4	0.089	0.093	0.097	0.101	0.105	0.110	0.115
5	0.089	0.093	0.097	0.101	0.106	0.110	0.115
6	0.089	0.093	0.097	0.102	0.106	0.111	0.116
7	0.090	0.094	0.098	0.102	0.107	0.111	0.116
8	0.090	0.094	0.098	0.102	0.107	0.112	0.117
9	0.090	0.094	0.098	0.103	0.107	0.112	0.117
10	0.091	0.095	0.099	0.103	0.108	0.112	0.117
11	0.091	0.095	0.099	0.103	0.108	0.113	0.118

Age of the member when benefits come into payment ¹										
months	25	26	27	28	29	30	31	32	33	34
0	0.118	0.124	0.129	0.135	0.141	0.148	0.154	0.162	0.169	0.177
1	0.119	0.124	0.130	0.136	0.142	0.148	0.155	0.162	0.170	0.178
2	0.119	0.125	0.130	0.136	0.142	0.149	0.156	0.163	0.170	0.179
3	0.120	0.125	0.131	0.137	0.143	0.149	0.156	0.163	0.171	0.179
4	0.120	0.125	0.131	0.137	0.143	0.150	0.157	0.164	0.172	0.180
5	0.120	0.126	0.132	0.138	0.144	0.150	0.157	0.165	0.172	0.181
6	0.121	0.126	0.132	0.138	0.144	0.151	0.158	0.165	0.173	0.181
7	0.121	0.127	0.133	0.139	0.145	0.152	0.159	0.166	0.174	0.182
8	0.122	0.127	0.133	0.139	0.145	0.152	0.159	0.167	0.174	0.183
9	0.122	0.128	0.134	0.140	0.146	0.153	0.160	0.167	0.175	0.183
10	0.123	0.128	0.134	0.140	0.147	0.153	0.160	0.168	0.176	0.184
11	0.123	0.129	0.135	0.141	0.147	0.154	0.161	0.169	0.176	0.185

Age of the member when benefits come into payment ¹										
months	35	36	37	38	39	40	41	42	43	44
0	0.186	0.194	0.204	0.214	0.224	0.235	0.247	0.259	0.272	0.286
1	0.186	0.195	0.205	0.214	0.225	0.236	0.248	0.260	0.274	0.288
2	0.187	0.196	0.205	0.215	0.226	0.237	0.249	0.261	0.275	0.289
3	0.188	0.197	0.206	0.216	0.227	0.238	0.250	0.262	0.276	0.290
4	0.188	0.197	0.207	0.217	0.228	0.239	0.251	0.264	0.277	0.291
5	0.189	0.198	0.208	0.218	0.229	0.240	0.252	0.265	0.278	0.293
6	0.190	0.199	0.209	0.219	0.230	0.241	0.253	0.266	0.279	0.294
7	0.191	0.200	0.209	0.220	0.230	0.242	0.254	0.267	0.280	0.295
8	0.191	0.201	0.210	0.221	0.231	0.243	0.255	0.268	0.282	0.296
9	0.192	0.201	0.211	0.221	0.232	0.244	0.256	0.269	0.283	0.297
10	0.193	0.202	0.212	0.222	0.233	0.245	0.257	0.270	0.284	0.299
11	0.194	0.203	0.213	0.223	0.234	0.246	0.258	0.271	0.285	0.300

¹ Calculate the member's age in years and complete months

Table M1: Reduction to pension debit on ill health retirement *continued*
Adjustment to pension – Males and Females

Age of the member when benefits come into payment ¹										
months	45	46	47	48	49	50	51	52	53	54
0	0.301	0.317	0.334	0.352	0.371	0.391	0.413	0.437	0.462	0.489
1	0.303	0.318	0.335	0.353	0.373	0.393	0.415	0.439	0.464	0.492
2	0.304	0.320	0.337	0.355	0.374	0.395	0.417	0.441	0.467	0.494
3	0.305	0.321	0.338	0.357	0.376	0.397	0.419	0.443	0.469	0.497
4	0.306	0.323	0.340	0.358	0.378	0.399	0.421	0.445	0.471	0.499
5	0.308	0.324	0.341	0.360	0.379	0.401	0.423	0.447	0.473	0.501
6	0.309	0.325	0.343	0.361	0.381	0.402	0.425	0.449	0.476	0.504
7	0.310	0.327	0.344	0.363	0.383	0.404	0.427	0.452	0.478	0.506
8	0.312	0.328	0.346	0.364	0.385	0.406	0.429	0.454	0.480	0.509
9	0.313	0.330	0.347	0.366	0.386	0.408	0.431	0.456	0.482	0.511
10	0.314	0.331	0.349	0.368	0.388	0.410	0.433	0.458	0.485	0.514
11	0.316	0.332	0.350	0.369	0.390	0.411	0.435	0.460	0.487	0.516

Age of the member when benefits come into payment ¹										
months	55	56	57	58	59	60	61	62	63	64
0	0.519	0.550	0.585	0.622	0.662	0.706	0.755	0.808	0.866	0.931
1	0.521	0.553	0.588	0.625	0.666	0.710	0.759	0.813	0.872	0.937
2	0.524	0.556	0.591	0.628	0.670	0.714	0.764	0.817	0.877	0.943
3	0.526	0.559	0.594	0.632	0.673	0.718	0.768	0.822	0.882	0.949
4	0.529	0.562	0.597	0.635	0.677	0.722	0.772	0.827	0.888	0.955
5	0.532	0.564	0.600	0.639	0.681	0.726	0.777	0.832	0.893	0.961
6	0.534	0.567	0.603	0.642	0.684	0.730	0.781	0.837	0.898	0.967
7	0.537	0.570	0.606	0.645	0.688	0.734	0.786	0.842	0.904	0.973
8	0.540	0.573	0.609	0.649	0.692	0.738	0.790	0.847	0.909	0.979
9	0.542	0.576	0.612	0.652	0.695	0.742	0.794	0.851	0.915	0.985
10	0.545	0.579	0.615	0.655	0.699	0.746	0.799	0.856	0.920	0.991
11	0.548	0.582	0.618	0.659	0.703	0.751	0.803	0.861	0.925	0.997

¹ Calculate the member's age in years and complete months

Table M2: Reduction to pension debit on ill health retirement
Adjustment to lump sum – Males and Females

Age of the member when benefits come into payment ¹							
months	18	19	20	21	22	23	24
0	0.154	0.160	0.166	0.173	0.180	0.187	0.194
1	0.155	0.161	0.167	0.174	0.180	0.187	0.195
2	0.155	0.161	0.168	0.174	0.181	0.188	0.195
3	0.156	0.162	0.168	0.175	0.182	0.189	0.196
4	0.156	0.162	0.169	0.175	0.182	0.189	0.197
5	0.157	0.163	0.169	0.176	0.183	0.190	0.197
6	0.157	0.163	0.170	0.176	0.183	0.190	0.198
7	0.158	0.164	0.170	0.177	0.184	0.191	0.199
8	0.158	0.164	0.171	0.177	0.184	0.192	0.199
9	0.159	0.165	0.171	0.178	0.185	0.192	0.200
10	0.159	0.165	0.172	0.179	0.186	0.193	0.200
11	0.160	0.166	0.172	0.179	0.186	0.194	0.201

Age of the member when benefits come into payment ¹										
months	25	26	27	28	29	30	31	32	33	34
0	0.202	0.210	0.218	0.227	0.236	0.245	0.255	0.265	0.275	0.286
1	0.202	0.210	0.219	0.227	0.236	0.246	0.255	0.266	0.276	0.287
2	0.203	0.211	0.219	0.228	0.237	0.247	0.256	0.267	0.277	0.288
3	0.204	0.212	0.220	0.229	0.238	0.247	0.257	0.267	0.278	0.289
4	0.204	0.212	0.221	0.230	0.239	0.248	0.258	0.268	0.279	0.290
5	0.205	0.213	0.222	0.230	0.239	0.249	0.259	0.269	0.280	0.291
6	0.206	0.214	0.222	0.231	0.240	0.250	0.260	0.270	0.281	0.292
7	0.206	0.215	0.223	0.232	0.241	0.251	0.261	0.271	0.282	0.293
8	0.207	0.215	0.224	0.233	0.242	0.251	0.261	0.272	0.283	0.294
9	0.208	0.216	0.224	0.233	0.243	0.252	0.262	0.273	0.284	0.295
10	0.208	0.217	0.225	0.234	0.243	0.253	0.263	0.274	0.284	0.296
11	0.209	0.217	0.226	0.235	0.244	0.254	0.264	0.274	0.285	0.297

Age of the member when benefits come into payment ¹										
months	35	36	37	38	39	40	41	42	43	44
0	0.298	0.310	0.322	0.335	0.348	0.362	0.377	0.392	0.408	0.424
1	0.299	0.311	0.323	0.336	0.349	0.363	0.378	0.393	0.409	0.426
2	0.300	0.312	0.324	0.337	0.351	0.365	0.379	0.395	0.411	0.427
3	0.301	0.313	0.325	0.338	0.352	0.366	0.381	0.396	0.412	0.429
4	0.302	0.314	0.326	0.339	0.353	0.367	0.382	0.397	0.413	0.430
5	0.303	0.315	0.327	0.340	0.354	0.368	0.383	0.399	0.415	0.431
6	0.304	0.316	0.328	0.342	0.355	0.370	0.384	0.400	0.416	0.433
7	0.305	0.317	0.329	0.343	0.356	0.371	0.386	0.401	0.417	0.434
8	0.306	0.318	0.331	0.344	0.358	0.372	0.387	0.403	0.419	0.436
9	0.307	0.319	0.332	0.345	0.359	0.373	0.388	0.404	0.420	0.437
10	0.308	0.320	0.333	0.346	0.360	0.374	0.389	0.405	0.421	0.439
11	0.309	0.321	0.334	0.347	0.361	0.376	0.391	0.406	0.423	0.440

¹ Calculate the member's age in years and complete months

Table M2: Reduction to pension debit on ill health retirement *continued*
Adjustment to lump sum – Males and Females

Age of the member when benefits come into payment ¹										
months	45	46	47	48	49	50	51	52	53	54
0	0.441	0.459	0.478	0.497	0.517	0.538	0.560	0.583	0.607	0.632
1	0.443	0.461	0.479	0.499	0.519	0.540	0.562	0.585	0.609	0.634
2	0.444	0.462	0.481	0.501	0.521	0.542	0.564	0.587	0.611	0.636
3	0.446	0.464	0.483	0.502	0.523	0.544	0.566	0.589	0.613	0.638
4	0.447	0.465	0.484	0.504	0.524	0.546	0.568	0.591	0.615	0.641
5	0.449	0.467	0.486	0.506	0.526	0.548	0.570	0.593	0.617	0.643
6	0.450	0.469	0.488	0.507	0.528	0.549	0.572	0.595	0.619	0.645
7	0.452	0.470	0.489	0.509	0.530	0.551	0.574	0.597	0.622	0.647
8	0.453	0.472	0.491	0.511	0.531	0.553	0.576	0.599	0.624	0.649
9	0.455	0.473	0.492	0.512	0.533	0.555	0.578	0.601	0.626	0.651
10	0.456	0.475	0.494	0.514	0.535	0.557	0.579	0.603	0.628	0.653
11	0.458	0.476	0.496	0.516	0.537	0.559	0.581	0.605	0.630	0.656

Age of the member when benefits come into payment ¹										
months	55	56	57	58	59	60	61	62	63	64
0	0.658	0.685	0.713	0.742	0.773	0.804	0.837	0.871	0.907	0.945
1	0.660	0.687	0.715	0.745	0.775	0.807	0.840	0.874	0.910	0.950
2	0.662	0.689	0.718	0.747	0.778	0.810	0.843	0.877	0.913	0.955
3	0.664	0.692	0.720	0.750	0.781	0.813	0.846	0.880	0.916	0.960
4	0.667	0.694	0.723	0.752	0.783	0.815	0.849	0.883	0.920	0.964
5	0.669	0.696	0.725	0.755	0.786	0.818	0.851	0.886	0.923	0.969
6	0.671	0.699	0.727	0.757	0.789	0.821	0.854	0.889	0.926	0.974
7	0.673	0.701	0.730	0.760	0.791	0.824	0.857	0.892	0.929	0.979
8	0.676	0.703	0.732	0.762	0.794	0.826	0.860	0.895	0.932	0.983
9	0.678	0.706	0.735	0.765	0.796	0.829	0.863	0.898	0.935	0.988
10	0.680	0.708	0.737	0.768	0.799	0.832	0.866	0.901	0.938	0.993
11	0.682	0.710	0.740	0.770	0.802	0.834	0.868	0.904	0.941	0.998

¹ Calculate the member's age in years and complete months