



Government Actuary's Department

Civil Service and Others Pension Scheme (CSOPS)

Factors for transfers in for alpha members

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Contents

1	Introduction	1
2	Instructions	2
3	Example	4
	Example 1: Female member with GMP	4
4	Limitations of this guidance	5
	Appendix A: Factor tables	6
	List of Tables	6
	Table 1: P2TVIN65 - Non-club alpha transfers in factors for NPA of 65	7
	Table 2: P2TVIN66 - Non-club alpha transfers in factors for NPA of 66	9
	Table 3: P2TVIN67 - Non-club alpha transfers in factors for NPA of 67	11
	Table 4: P2TVIN68 - Non-club alpha transfers in factors for NPA of 68	13
	Table 5: P2TVINREVAL - Non-club alpha revaluation factors	15



1 Introduction

- 1.1 This note is addressed to The Pension Scheme Executive (TPSE) of the Cabinet Office as scheme manager of the Civil Service and Others Pension Scheme ('CSOPS' or **alpha** scheme). The **alpha** scheme was established by The Public Service (Civil Servants and Others) Pensions Regulations 2014 (SI 2014/1964) ("the Regulations") and came into force on 1 April 2015.
- 1.2 The purpose of this note is to provide tables to calculate the amount of extra pension ('transferred pension') to be awarded when a member transfers into the **alpha** pension scheme with a non-Club transfer payment. These tables do not apply to Club transfers or to non-Club transfers into the **classic**, **classic plus**, **premium** or **nuvos** sections of the Principal Civil Service Pension Scheme.
- 1.3 A cash equivalent may be received by the alpha scheme from another pension scheme and used to provide additional benefits for a member in accordance with Regulations 148 to 152. We understand the transfer in factors are the responsibility of the scheme manager.
- 1.4 The factors provided in this note have been prepared in accordance with our note *CSOPS: Advice on actuarial calculation factors* dated 19 September 2014, as subsequently amended.
- 1.5 Regulation 152 (3) provides for a restriction on the maximum amount of transferred pension that can be purchased by a non-club transfer. This test must be made before the transfer is accepted.
- 1.6 If the transfer value includes the member's entitlement to a guaranteed minimum pension (GMP), then a separate calculation to test the sufficiency of the transfer value should be conducted before the transfer is accepted. Our advice on GMP tests will be provided separately.
- 1.7 TPSE has determined that these factors come into effect from inception of the **alpha** scheme on 1 April 2015.
- 1.8 We do not envisage any special cases not covered by this note. However, if any do occur they should be referred to GAD.
- 1.9 Please contact Nick Horne (020 7211 2679) or Cody Shek (020 7211 2684) for further information on this note.



2 Instructions

- 2.1 The formula for calculating the additional benefit (transferred pension) to be awarded in respect of a transfer value received by the scheme from a pension scheme that is a non-Club transfer is set out in paragraph 2.5.
- 2.2 Transferred pension awarded in respect of a transfer value is payable on the same terms as pension accrued as a member of the scheme, from the member's normal pension age (NPA¹) and includes attaching benefits such as 37.5% partner's pension. We have assumed that any transferred in pension is not affected by the purchase of an EEPA/EPA option and the transferred in pension retains the original NPA.
- 2.3 The factors should be selected according to the member's age last birthday, sex, NPA and for the revaluation factor the number of 1 Aprils falling between the calculation date and NPA. If a member has a non-integer NPA then more than one factor is required and these factors are interpolated to obtain the actual factor to use (see example 1 in chapter 3).
- 2.4 To calculate the amount of transferred pension, the amount of the transfer payment is required and also the amount of any accrued pre 88 and post 88 GMP entitlement that is included in respect of the transfer, including revaluation to the calculation date.
- 2.5 If a member wishes to transfer in with a non-Club transfer payment, the transferred pension to be awarded to the member should be calculated as:

$$\text{transferred pension} = \frac{[CETV + (G^{pre} \times F_x^{Gpre} + G^{post} \times F_x^{Gpost})]}{[F_x^P + F_x^S] \times F_y^{Reval}}$$

where

$CETV$ = the member's incoming transfer value

G^{pre} = amount of pre-88 GMP (pa) revalued to the calculation date

G^{post} = amount of post-88 GMP (pa) revalued to the calculation date

F_x^P = relevant member's pension factor for a member aged x, taken from the appropriate table of Tables 1 to 4

F_x^S = relevant partner's pension factor for a member aged x, taken from the appropriate table of Tables 1 to 4

¹ Normal pension age is defined as a member's state pension age (or 65, if that is higher) in the alpha section. For the purpose of this note, a member's expected NPA in the alpha section is the same as their state pension age as set out in The Public Service Pensions (Valuations and Employer Cost Cap) Directions 2014, as subsequently amended –

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/411287/HMT_Directions_9_Mar_2015.pdf



F_x^{Gpre} = relevant onset/offset factor for pre-88 GMP for a member aged x, taken from the appropriate table of Tables 1 to 4

F_x^{Gpost} = relevant onset/offset factor for post-88 GMP for a member aged x, taken from the appropriate table of Tables 1 to 4

F_y^{Reval} = relevant revaluation factor for a member with y number of 1 Aprils between the calculation date and NPA, taken from Table 5.

- 2.6 After calculating the amount of transferred pension that the transfer payment is sufficient to purchase, the result should be tested as set out in Regulation 152 (3) to ensure that it does not exceed the maximum amount permitted.



3 Example

Example 1: Female member with GMP

> Sex	Female
> Normal Pension Age (NPA)	67 years 1 month
> Amount of CETV	£50,000
> Amount of pre 88 GMP (G^{pre}) at calculation date	£ 150
> Amount of post 88 GMP (G^{post}) at calculation date	£ 350
> Calculation date	15/04/2016
> Age last birthday at calculation date	38
> Number of 1 ApriIs between calculation date and NPA	28
> Member's pension factor (F_x^P)	4.3350 (interpolated)
> Partner's pension factor (F_x^S)	0.1492 (interpolated)
> Revaluation factor (F_y^{Reval})	1.74
> Pre-88 GMP deduction factor (F_x^{Gpre})	-2.9425 (interpolated)
> Post-88 GMP deduction factor (F_x^{Gpost})	-5.0992 (interpolated)
> Transferred pension =	$\frac{£50,000 + (£150 \times -2.9425 + £350 \times -5.0992)}{(4.3350 + 0.1492) \times 1.74}$
	= £6,122.89 pa

The factors used above were interpolated for non-integer NPA as shown below:

Factor at NPA 67 years 1 month

$$= \left(\frac{11}{12}\right) * \text{Factor at NPA 67} + \left(\frac{1}{12}\right) * \text{Factor at NPA 68}$$

e.g. for the Pension factor (F_x^P);

$$= \left(\frac{11}{12}\right) * 4.36 + \left(\frac{1}{12}\right) * 4.06 = 4.34$$



4 Limitations of this guidance

- 4.1 This note is intended for the use of the Cabinet Office and the scheme administrators for the purposes of demonstrating the application of the factors covered by this guidance only. The information and advice in this note should not be relied upon, or assumed to be appropriate, for any other purpose or by any other person. GAD does not accept any liability to third parties, whether or not GAD has agreed to the disclosure of its advice to the third party.
- 4.2 The factors contained in this note are subject to regular review. Administrators need to ensure that they are using the latest factors, as relevant, when processing cases.
- 4.3 Advice provided by GAD must be taken in context and is intended to be read and used as a whole, not in parts. GAD does not accept responsibility for advice that is altered or used selectively. Clarification should be sought if there is any doubt about the intention or scope of advice provided by GAD.
- 4.4 This note only covers the actuarial principles around the factors covered in this note. Any legal advice in this area should be sought from an appropriately qualified person or source. In no circumstances should this guidance take precedence over the scheme regulations. If users of this guidance believe it to contain any inconsistencies with the scheme regulations, they should bring this to the attention of Cabinet Office and GAD.



Appendix A: Factor tables

List of Tables

- > Table 1: P2TVIN65 - Non-club **alpha** transfers in factors for NPA of 65.
- > Table 2: P2TVIN66 - Non-club **alpha** transfers in factors for NPA of 66.
- > Table 3: P2TVIN67 - Non-club **alpha** transfers in factors for NPA of 67.
- > Table 4: P2TVIN68 - Non-club **alpha** transfers in factors for NPA of 68.
- > Table 5: P2TVINREVAL - Non-club **alpha** revaluation factors



Table 1: P2TVIN65 - Non-club alpha transfers in factors for NPA of 65

Age	Male				Female			
	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor
17	1.73	0.16	3.66	0.55	1.84	0.06	-0.71	-3.30
18	1.81	0.16	3.66	0.55	1.93	0.06	-0.72	-3.31
19	1.90	0.17	3.65	0.55	2.02	0.06	-0.74	-3.32
20	2.00	0.18	3.65	0.55	2.12	0.07	-0.75	-3.33
21	2.10	0.19	3.64	0.55	2.23	0.07	-0.77	-3.35
22	2.20	0.20	3.63	0.54	2.34	0.07	-0.78	-3.36
23	2.31	0.21	3.63	0.54	2.45	0.08	-0.80	-3.37
24	2.42	0.22	3.62	0.54	2.57	0.08	-0.81	-3.38
25	2.54	0.23	3.62	0.54	2.70	0.08	-0.83	-3.39
26	2.66	0.24	3.61	0.54	2.84	0.09	-0.85	-3.40
27	2.79	0.25	3.60	0.54	2.97	0.09	-0.86	-3.42
28	2.93	0.26	3.60	0.54	3.12	0.10	-0.88	-3.43
29	3.07	0.27	3.59	0.54	3.27	0.10	-0.89	-3.44
30	3.22	0.28	3.59	0.54	3.43	0.11	-0.91	-3.45
31	3.38	0.30	3.58	0.53	3.60	0.11	-0.93	-3.46
32	3.54	0.31	3.58	0.53	3.78	0.12	-0.94	-3.48
33	3.71	0.33	3.57	0.53	3.96	0.12	-0.96	-3.49
34	3.89	0.34	3.56	0.53	4.15	0.13	-0.98	-3.50
35	4.08	0.36	3.56	0.53	4.35	0.13	-0.99	-3.51
36	4.28	0.37	3.55	0.53	4.56	0.14	-1.01	-3.53
37	4.48	0.39	3.55	0.53	4.78	0.14	-1.03	-3.54
38	4.70	0.41	3.55	0.53	5.01	0.15	-1.04	-3.55
39	4.92	0.43	3.54	0.53	5.25	0.16	-1.06	-3.57
40	5.15	0.45	3.54	0.53	5.51	0.16	-1.08	-3.58
41	5.40	0.47	3.53	0.52	5.77	0.17	-1.10	-3.60
42	5.66	0.49	3.53	0.52	6.04	0.18	-1.11	-3.61
43	5.93	0.51	3.52	0.52	6.33	0.18	-1.13	-3.62
44	6.21	0.53	3.52	0.52	6.64	0.19	-1.15	-3.64



Table 1: P2TVIN65 - Non-club alpha transfers in factors for NPA of 65 (continued)

Age	Male				Female			
	Member's pension factor	Partner's pension factor	Pre 88GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Partner's pension factor	Pre 88GMP onset/offset factor	Post88 GMP onset/offset factor
45	6.50	0.55	3.52	0.52	6.95	0.20	-1.17	-3.66
46	6.81	0.58	3.51	0.52	7.29	0.21	-1.19	-3.67
47	7.14	0.60	3.51	0.52	7.63	0.21	-1.20	-3.69
48	7.48	0.63	3.51	0.52	8.00	0.22	-1.22	-3.70
49	7.83	0.65	3.50	0.52	8.38	0.23	-1.24	-3.72
50	8.21	0.68	3.50	0.52	8.78	0.24	-1.26	-3.74
51	8.60	0.71	3.50	0.52	9.20	0.25	-1.28	-3.76
52	9.01	0.74	3.49	0.52	9.64	0.25	-1.30	-3.78
53	9.44	0.77	3.49	0.52	10.10	0.26	-1.32	-3.80
54	9.89	0.80	3.49	0.52	10.58	0.27	-1.34	-3.82
55	10.37	0.83	3.49	0.52	11.09	0.28	-1.37	-3.84
56	10.87	0.86	3.49	0.52	11.62	0.29	-1.39	-3.86
57	11.40	0.89	3.49	0.52	12.18	0.30	-1.41	-3.89
58	11.97	0.92	3.49	0.52	12.78	0.30	-1.44	-3.91
59	12.56	0.96	3.50	0.52	13.40	0.31	-1.49	-4.03
60	13.19	0.99	3.50	0.52	14.07	0.32	-1.07	-3.70
61	13.86	1.02	3.51	0.52	14.76	0.33	-0.10	-2.81
62	14.57	1.06	3.52	0.52	15.50	0.34	0.89	-1.89
63	15.34	1.09	3.53	0.52	16.30	0.34	1.93	-0.94
64	16.15	1.13	3.62	0.53	17.14	0.35	2.99	0.04
65	16.34	1.15	3.63	0.53	17.36	0.35	3.45	0.52
66	15.89	1.17	3.47	0.51	16.91	0.35	3.28	0.50
67	15.42	1.18	3.31	0.48	16.46	0.35	3.12	0.47
68	14.95	1.20	3.15	0.46	16.00	0.35	2.95	0.45
69	14.47	1.21	2.99	0.44	15.53	0.35	2.79	0.42
70	13.99	1.22	2.84	0.41	15.06	0.35	2.63	0.40
71	13.50	1.24	2.69	0.39	14.58	0.35	2.47	0.37
72	13.01	1.25	2.55	0.37	14.09	0.35	2.32	0.35
73	12.52	1.25	2.41	0.35	13.60	0.34	2.17	0.33
74	12.04	1.26	2.27	0.33	13.11	0.34	2.02	0.30
75	11.56	1.26	2.14	0.31	12.63	0.34	1.88	0.28



Table 2: P2TVIN66 - Non-club alpha transfers in factors for NPA of 66

Age	Male				Female			
	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor
17	1.61	0.15	2.66	-0.27	1.71	0.06	-1.59	-4.02
18	1.69	0.16	2.65	-0.27	1.80	0.06	-1.61	-4.03
19	1.77	0.17	2.64	-0.27	1.89	0.06	-1.63	-4.04
20	1.86	0.18	2.64	-0.27	1.98	0.07	-1.65	-4.06
21	1.95	0.19	2.63	-0.28	2.08	0.07	-1.66	-4.07
22	2.05	0.19	2.62	-0.28	2.18	0.07	-1.68	-4.08
23	2.15	0.20	2.61	-0.28	2.29	0.08	-1.70	-4.10
24	2.25	0.21	2.60	-0.29	2.40	0.08	-1.72	-4.11
25	2.36	0.22	2.60	-0.29	2.52	0.08	-1.73	-4.12
26	2.48	0.23	2.59	-0.29	2.65	0.09	-1.75	-4.14
27	2.60	0.25	2.58	-0.30	2.78	0.09	-1.77	-4.15
28	2.73	0.26	2.57	-0.30	2.91	0.10	-1.79	-4.16
29	2.86	0.27	2.56	-0.30	3.06	0.10	-1.81	-4.18
30	3.00	0.28	2.56	-0.31	3.21	0.10	-1.82	-4.19
31	3.14	0.29	2.55	-0.31	3.36	0.11	-1.84	-4.21
32	3.30	0.31	2.54	-0.31	3.53	0.11	-1.86	-4.22
33	3.46	0.32	2.53	-0.32	3.70	0.12	-1.88	-4.24
34	3.62	0.34	2.52	-0.32	3.88	0.12	-1.90	-4.25
35	3.80	0.35	2.52	-0.32	4.06	0.13	-1.92	-4.26
36	3.98	0.37	2.51	-0.33	4.26	0.14	-1.94	-4.28
37	4.17	0.39	2.50	-0.33	4.46	0.14	-1.96	-4.30
38	4.37	0.40	2.49	-0.33	4.68	0.15	-1.98	-4.31
39	4.57	0.42	2.49	-0.34	4.90	0.15	-2.00	-4.33
40	4.79	0.44	2.48	-0.34	5.14	0.16	-2.02	-4.34
41	5.02	0.46	2.47	-0.35	5.38	0.17	-2.04	-4.36
42	5.26	0.48	2.46	-0.35	5.64	0.17	-2.06	-4.38
43	5.51	0.50	2.46	-0.35	5.91	0.18	-2.08	-4.39
44	5.77	0.52	2.45	-0.36	6.19	0.19	-2.10	-4.41



Table 2: P2TVIN66 - Non-club alpha transfers in factors for NPA of 66 (continued)

Age	Male				Female			
	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor
45	6.04	0.55	2.44	-0.36	6.48	0.19	-2.12	-4.43
46	6.33	0.57	2.44	-0.36	6.79	0.20	-2.14	-4.45
47	6.63	0.59	2.43	-0.37	7.11	0.21	-2.16	-4.47
48	6.94	0.62	2.42	-0.37	7.45	0.22	-2.18	-4.49
49	7.27	0.64	2.41	-0.38	7.81	0.23	-2.21	-4.51
50	7.61	0.67	2.41	-0.38	8.18	0.23	-2.23	-4.53
51	7.98	0.70	2.40	-0.38	8.57	0.24	-2.25	-4.55
52	8.36	0.73	2.39	-0.39	8.97	0.25	-2.28	-4.57
53	8.75	0.76	2.39	-0.39	9.40	0.26	-2.30	-4.60
54	9.17	0.79	2.38	-0.40	9.85	0.27	-2.33	-4.62
55	9.61	0.82	2.38	-0.40	10.32	0.28	-2.35	-4.65
56	10.07	0.85	2.37	-0.40	10.81	0.28	-2.38	-4.67
57	10.56	0.88	2.37	-0.41	11.33	0.29	-2.41	-4.70
58	11.08	0.91	2.37	-0.41	11.88	0.30	-2.44	-4.73
59	11.63	0.94	2.36	-0.42	12.46	0.31	-2.52	-4.88
60	12.20	0.98	2.36	-0.43	13.07	0.32	-2.14	-4.58
61	12.82	1.01	2.36	-0.43	13.71	0.32	-1.21	-3.72
62	13.47	1.04	2.36	-0.44	14.39	0.33	-0.25	-2.83
63	14.16	1.07	2.36	-0.44	15.11	0.34	0.74	-1.92
64	14.91	1.11	2.42	-0.46	15.89	0.34	1.76	-0.97
65	15.71	1.14	3.01	0.02	16.72	0.35	2.83	0.01
66	15.89	1.17	3.47	0.51	16.91	0.35	3.28	0.50
67	15.42	1.18	3.31	0.48	16.46	0.35	3.12	0.47
68	14.95	1.20	3.15	0.46	16.00	0.35	2.95	0.45
69	14.47	1.21	2.99	0.44	15.53	0.35	2.79	0.42
70	13.99	1.22	2.84	0.41	15.06	0.35	2.63	0.40
71	13.50	1.24	2.69	0.39	14.58	0.35	2.47	0.37
72	13.01	1.25	2.55	0.37	14.09	0.35	2.32	0.35
73	12.52	1.25	2.41	0.35	13.60	0.34	2.17	0.33
74	12.04	1.26	2.27	0.33	13.11	0.34	2.02	0.30
75	11.56	1.26	2.14	0.31	12.63	0.34	1.88	0.28



Table 3: P2TVIN67 - Non-club alpha transfers in factors for NPA of 67

Age	Male				Female			
	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor
17	1.49	0.15	1.69	-1.05	1.60	0.06	-2.45	-4.71
18	1.57	0.16	1.68	-1.06	1.68	0.06	-2.47	-4.73
19	1.64	0.17	1.67	-1.06	1.76	0.06	-2.49	-4.74
20	1.73	0.18	1.66	-1.07	1.85	0.07	-2.51	-4.76
21	1.81	0.18	1.65	-1.07	1.94	0.07	-2.53	-4.77
22	1.90	0.19	1.64	-1.08	2.03	0.07	-2.55	-4.79
23	1.99	0.20	1.63	-1.08	2.13	0.08	-2.57	-4.80
24	2.09	0.21	1.62	-1.09	2.24	0.08	-2.59	-4.82
25	2.20	0.22	1.61	-1.09	2.35	0.08	-2.60	-4.83
26	2.30	0.23	1.60	-1.10	2.47	0.09	-2.62	-4.85
27	2.42	0.24	1.59	-1.10	2.59	0.09	-2.64	-4.86
28	2.53	0.25	1.58	-1.11	2.72	0.09	-2.66	-4.88
29	2.66	0.27	1.57	-1.12	2.85	0.10	-2.68	-4.89
30	2.79	0.28	1.56	-1.12	2.99	0.10	-2.70	-4.91
31	2.92	0.29	1.55	-1.13	3.14	0.11	-2.73	-4.92
32	3.06	0.30	1.54	-1.13	3.29	0.11	-2.75	-4.94
33	3.21	0.32	1.53	-1.14	3.45	0.12	-2.77	-4.96
34	3.37	0.33	1.52	-1.14	3.61	0.12	-2.79	-4.97
35	3.53	0.35	1.51	-1.15	3.79	0.13	-2.81	-4.99
36	3.70	0.36	1.50	-1.15	3.97	0.13	-2.83	-5.01
37	3.87	0.38	1.49	-1.16	4.16	0.14	-2.85	-5.03
38	4.06	0.40	1.48	-1.17	4.36	0.15	-2.87	-5.04
39	4.25	0.42	1.47	-1.17	4.57	0.15	-2.90	-5.06
40	4.45	0.43	1.46	-1.18	4.79	0.16	-2.92	-5.08
41	4.66	0.45	1.45	-1.19	5.01	0.16	-2.94	-5.10
42	4.88	0.47	1.44	-1.19	5.25	0.17	-2.96	-5.12
43	5.11	0.49	1.43	-1.20	5.50	0.18	-2.99	-5.14
44	5.35	0.52	1.42	-1.20	5.76	0.19	-3.01	-5.16



Table 3: P2TVIN67 - Non-club alpha transfers in factors for NPA of 67 (continued)

Age	Male				Female			
	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor
45	5.61	0.54	1.41	-1.21	6.04	0.19	-3.03	-5.18
46	5.87	0.56	1.40	-1.22	6.32	0.20	-3.06	-5.20
47	6.15	0.59	1.39	-1.22	6.63	0.21	-3.08	-5.22
48	6.44	0.61	1.38	-1.23	6.94	0.22	-3.11	-5.24
49	6.74	0.64	1.37	-1.24	7.27	0.22	-3.13	-5.27
50	7.06	0.66	1.36	-1.25	7.61	0.23	-3.16	-5.29
51	7.39	0.69	1.35	-1.25	7.97	0.24	-3.19	-5.31
52	7.74	0.72	1.34	-1.26	8.35	0.25	-3.21	-5.34
53	8.11	0.75	1.33	-1.27	8.74	0.26	-3.24	-5.37
54	8.49	0.77	1.32	-1.28	9.16	0.26	-3.27	-5.40
55	8.90	0.80	1.31	-1.28	9.59	0.27	-3.30	-5.43
56	9.32	0.83	1.30	-1.29	10.05	0.28	-3.33	-5.46
57	9.77	0.87	1.29	-1.30	10.53	0.29	-3.37	-5.49
58	10.25	0.90	1.28	-1.31	11.03	0.30	-3.40	-5.52
59	10.75	0.93	1.27	-1.32	11.57	0.30	-3.52	-5.69
60	11.28	0.96	1.27	-1.33	12.13	0.31	-3.18	-5.43
61	11.84	0.99	1.26	-1.34	12.72	0.32	-2.28	-4.60
62	12.43	1.03	1.25	-1.36	13.34	0.33	-1.36	-3.74
63	13.07	1.06	1.24	-1.37	14.01	0.33	-0.40	-2.86
64	13.75	1.09	1.27	-1.42	14.71	0.34	0.58	-1.94
65	14.48	1.12	1.81	-0.98	15.47	0.35	1.61	-0.99
66	15.26	1.16	2.85	0.00	16.28	0.35	2.66	-0.01
67	15.42	1.18	3.31	0.48	16.46	0.35	3.12	0.47
68	14.95	1.20	3.15	0.46	16.00	0.35	2.95	0.45
69	14.47	1.21	2.99	0.44	15.53	0.35	2.79	0.42
70	13.99	1.22	2.84	0.41	15.06	0.35	2.63	0.40
71	13.50	1.24	2.69	0.39	14.58	0.35	2.47	0.37
72	13.01	1.25	2.55	0.37	14.09	0.35	2.32	0.35
73	12.52	1.25	2.41	0.35	13.60	0.34	2.17	0.33
74	12.04	1.26	2.27	0.33	13.11	0.34	2.02	0.30
75	11.56	1.26	2.14	0.31	12.63	0.34	1.88	0.28



Table 4: P2TVIN68 - Non-club alpha transfers in factors for NPA of 68

Age	Male				Female			
	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor
17	1.38	0.15	0.76	-1.81	1.49	0.06	-3.28	-5.38
18	1.45	0.16	0.75	-1.82	1.56	0.06	-3.30	-5.40
19	1.53	0.17	0.74	-1.83	1.64	0.06	-3.32	-5.42
20	1.60	0.17	0.73	-1.84	1.72	0.06	-3.34	-5.43
21	1.68	0.18	0.72	-1.84	1.80	0.07	-3.36	-5.45
22	1.76	0.19	0.70	-1.85	1.89	0.07	-3.38	-5.46
23	1.85	0.20	0.69	-1.86	1.99	0.07	-3.40	-5.48
24	1.94	0.21	0.68	-1.86	2.09	0.08	-3.42	-5.50
25	2.04	0.22	0.67	-1.87	2.19	0.08	-3.44	-5.52
26	2.14	0.23	0.65	-1.88	2.30	0.09	-3.47	-5.53
27	2.24	0.24	0.64	-1.88	2.41	0.09	-3.49	-5.55
28	2.35	0.25	0.63	-1.89	2.53	0.09	-3.51	-5.57
29	2.47	0.26	0.62	-1.90	2.65	0.10	-3.53	-5.58
30	2.59	0.27	0.60	-1.91	2.79	0.10	-3.55	-5.60
31	2.71	0.29	0.59	-1.91	2.92	0.11	-3.58	-5.62
32	2.84	0.30	0.58	-1.92	3.06	0.11	-3.60	-5.64
33	2.98	0.31	0.57	-1.93	3.21	0.12	-3.62	-5.66
34	3.12	0.33	0.55	-1.94	3.37	0.12	-3.64	-5.67
35	3.27	0.34	0.54	-1.95	3.53	0.13	-3.67	-5.69
36	3.43	0.36	0.53	-1.95	3.70	0.13	-3.69	-5.71
37	3.59	0.38	0.52	-1.96	3.88	0.14	-3.72	-5.73
38	3.76	0.39	0.50	-1.97	4.06	0.14	-3.74	-5.75
39	3.94	0.41	0.49	-1.98	4.26	0.15	-3.76	-5.77
40	4.13	0.43	0.48	-1.99	4.46	0.16	-3.79	-5.79
41	4.33	0.45	0.47	-2.00	4.67	0.16	-3.81	-5.81
42	4.53	0.47	0.45	-2.01	4.89	0.17	-3.84	-5.84
43	4.74	0.49	0.44	-2.01	5.12	0.18	-3.86	-5.86
44	4.96	0.51	0.43	-2.02	5.37	0.18	-3.89	-5.88



Table 4: P2TVIN68 - Non-club alpha transfers in factors for NPA of 68 (continued)

Age	Male				Female			
	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Partner's pension factor	Pre88 GMP onset/offset factor	Post88 GMP onset/offset factor
45	5.20	0.53	0.41	-2.03	5.62	0.19	-3.92	-5.90
46	5.44	0.55	0.40	-2.04	5.89	0.20	-3.94	-5.93
47	5.70	0.58	0.39	-2.05	6.17	0.20	-3.97	-5.95
48	5.96	0.60	0.38	-2.06	6.46	0.21	-4.00	-5.97
49	6.24	0.63	0.36	-2.07	6.76	0.22	-4.03	-6.00
50	6.54	0.65	0.35	-2.08	7.08	0.23	-4.06	-6.03
51	6.85	0.68	0.34	-2.09	7.42	0.24	-4.09	-6.05
52	7.17	0.71	0.32	-2.10	7.76	0.24	-4.12	-6.08
53	7.51	0.73	0.31	-2.11	8.13	0.25	-4.15	-6.11
54	7.86	0.76	0.30	-2.12	8.51	0.26	-4.18	-6.14
55	8.23	0.79	0.28	-2.14	8.91	0.27	-4.22	-6.18
56	8.62	0.82	0.27	-2.15	9.34	0.28	-4.25	-6.21
57	9.03	0.85	0.25	-2.16	9.78	0.28	-4.29	-6.25
58	9.47	0.88	0.24	-2.18	10.24	0.29	-4.33	-6.29
59	9.93	0.92	0.23	-2.19	10.74	0.30	-4.47	-6.48
60	10.42	0.95	0.21	-2.21	11.25	0.31	-4.17	-6.25
61	10.93	0.98	0.20	-2.22	11.79	0.32	-3.31	-5.45
62	11.47	1.01	0.19	-2.24	12.37	0.32	-2.42	-4.62
63	12.05	1.04	0.17	-2.26	12.97	0.33	-1.50	-3.76
64	12.67	1.08	0.16	-2.34	13.62	0.34	-0.55	-2.88
65	13.33	1.11	0.65	-1.94	14.30	0.34	0.43	-1.96
66	14.04	1.14	1.66	-1.00	15.04	0.35	1.45	-1.02
67	14.80	1.17	2.70	-0.03	15.83	0.35	2.50	-0.04
68	14.95	1.20	3.15	0.46	16.00	0.35	2.95	0.45
69	14.47	1.21	2.99	0.44	15.53	0.35	2.79	0.42
70	13.99	1.22	2.84	0.41	15.06	0.35	2.63	0.40
71	13.50	1.24	2.69	0.39	14.58	0.35	2.47	0.37
72	13.01	1.25	2.55	0.37	14.09	0.35	2.32	0.35
73	12.52	1.25	2.41	0.35	13.60	0.34	2.17	0.33
74	12.04	1.26	2.27	0.33	13.11	0.34	2.02	0.30
75	11.56	1.26	2.14	0.31	12.63	0.34	1.88	0.28



Table 5: P2TVINREVAL - Non-club alpha revaluation factors

Number of 1 Aprils	Factor	Number of 1 Aprils	Factor	Number of 1 Aprils	Factor
0	1.00	17	1.40	34	1.96
1	1.02	18	1.43	35	2.00
2	1.04	19	1.46	36	2.04
3	1.06	20	1.49	37	2.08
4	1.08	21	1.52	38	2.12
5	1.10	22	1.55	39	2.16
6	1.13	23	1.58	40	2.21
7	1.15	24	1.61	41	2.25
8	1.17	25	1.64	42	2.30
9	1.20	26	1.67	43	2.34
10	1.22	27	1.71	44	2.39
11	1.24	28	1.74	45	2.44
12	1.27	29	1.78	46	2.49
13	1.29	30	1.81	47	2.54
14	1.32	31	1.85	48	2.59
15	1.35	32	1.88	49	2.64
16	1.37	33	1.92	50	2.69

Government Actuary's Department