



# Government Actuary's Department

## **Principal Civil Service Pension Scheme (Northern Ireland)**

Factors for transfers in for classic, classic plus, premium and nuvos members

Date: 9 October 2015

Author: John Bayliss FIA  
James Pepler FIA



## Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Instructions: classic</b>	<b>3</b>
<b>3</b>	<b>Instructions: premium and classic plus</b>	<b>4</b>
<b>4</b>	<b>Instructions: nuvos</b>	<b>5</b>
<b>5</b>	<b>Example: classic section</b>	<b>6</b>
	Example 1: Male member with GMP	6
<b>6</b>	<b>Example: nuvos section</b>	<b>7</b>
	Example 1: Female member with GMP	7
<b>7</b>	<b>Limitations of this guidance</b>	<b>8</b>
	<b>Appendix A: Factor tables</b>	<b>9</b>
	List of Tables	9
	Table 1: P1TVIN60: Non-club transfers in factors for normal pension age of 60: classic, classic plus and premium	10
	Table 2: P1TVIN65: Non-club transfers in factors for normal pension age of 65: classic, classic plus and premium	12
	Table 3: P1TVINN: Non-club transfers in factors for normal pension age of 65: nuvos	14
	Table 4: P1TVINREVAL: Non-club revaluation factors	16



## 1 Introduction

- 1.1 This note is addressed to the Department of Finance and Personnel (DFP) as scheme manager of the Principal Civil Service Pension Scheme (Northern Ireland) (PCSPS (NI)).
- 1.2 These tables should be used to calculate the amount of service credit or added pension to be awarded when a member transfers into PCSPS (NI) relating to a transfer value that is **not** a Public Sector Transfer Club (the 'Club') transfer value **nor** a bulk transfer value.
- 1.3 A cash equivalent may be received by the Scheme from another pension scheme and used to provide additional benefits for a member calculated in accordance with the following scheme rules:
- Section II: 6.22 to 6.28 for classic members;
  - Section I: F.7 to F.10 for premium and classic plus members; and
  - Section III: G.7 to G.10 for nuvos members.
- 1.4 This guidance only relates to benefits credited in the PCSPS (NI) – ie, classic, classic plus, premium and nuvos. Separate guidance applies to the alpha scheme. These tables should not be used to calculate the service credit in respect of a Club transfer value or a bulk transfer value.
- 1.5 The factors provided in this note have been prepared in light of our advice to DFP dated 3 October 2014 and subsequent correspondence following that advice.
- 1.6 The factors contained in this note, are taken from the report "Principal Civil Service Pension Scheme Factors for transfers in for classic, classic plus, premium and nuvos members" issued on 26 June 2015 by Sandra Bell and Nick Horne to Cabinet Office in respect of the GB PCSPS.
- 1.7 Transfer in factors are the responsibility of the DFP under rule 6.22 (iii) of the 1972 section F.9 of the 2002 section and G.10 of the 2007 section of the rules.
- 1.8 Members under the **classic**, **premium** and **classic plus** sections are offered service credits by providing additional reckonable service in the form of years and days. The same features of benefits apply to this additional service as to scheme service.
- 1.9 Members under the **nuvos** section with a transfer in are offered an amount of added pension of the same form as pension accruing in respect of scheme service.
- 1.10 This guidance does not describe the test for the maximum amount of service credit or added pension that can be purchased by a non-club transfer. This must be determined separately before the transfer is accepted.
- 1.11 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.



- 1.12 We do not envisage any special cases not covered by this note. However, if any do occur they should be referred to GAD.

Please contact Jack Errington (020 7211 2697) or Cody Shek (020 7211 2684) for further information on this draft note.



## 2 Instructions: classic

- 2.1 The formula for calculating the additional reckonable service to be awarded in respect of a transfer value received in respect of a member accruing benefits under the **classic** section that is a non-Club transfer is set out in paragraph 2.4.
- 2.2 The factors should be selected according to the member's age last birthday, sex and normal pension age (NPA).
- 2.3 To calculate the amount of service credit, the amount of the transfer payment is required, together with the amount of any accrued pre 88 and post 88 guaranteed minimum pension (GMP) entitlement that is included in respect of the transfer and the pensionable earnings in the appropriate section of the scheme at the calculation date. Pensionable earnings should be determined in exactly the same way as when calculating a retirement or deferred pension.
- 2.4 The service credit to be awarded to the member should be calculated as:

$$service\_credit = \frac{[CETV + (G^{pre} \times F_x^{Gpre} + G^{post} \times F_x^{Gpost})]}{\left[ \frac{1}{80} \times S \times F_x^P + \frac{3}{80} \times S \times F_x^{LS} + \frac{1}{160} \times S \times F_x^S \right]}$$

where

$CETV$  = the member's incoming transfer value

$S$  = the member's pensionable earnings at the relevant date

$G^{pre}$  = pre-88 GMP (pa) accrued by member at the relevant date

$G^{post}$  = post-88 GMP (pa) accrued by member at the relevant date

$F_x^P$  = relevant gross pension factor for a member aged x last birthday at the relevant date, derived from Table P1TVIN60 or P1TVIN65

$F_x^{LS}$  = relevant lump sum factor for a member aged x last birthday at the relevant date, derived from Table P1TVIN60 or P1TVIN65

$F_x^S$  = relevant survivor's pension factor for a member aged x last birthday at the relevant date, derived from Table P1TVIN60 or P1TVIN65

$F_x^{Gpre}$  = relevant GMP factor for pre-88 GMP for a member aged x last birthday at the relevant date, derived from Table P1TVIN60 or P1TVIN65

$F_x^{Gpost}$  = relevant GMP factor for post-88 GMP for a member aged x last birthday at the relevant date, derived from Table P1TVIN60 or P1TVIN65



### 3 Instructions: premium and classic plus

- 3.1 The formula for calculating the additional reckonable service to be awarded in respect of a transfer value received in respect of a member accruing benefits under the **classic plus** and **premium** sections that is a non-Club transfer is set out in paragraph 3.5.
- 3.2 The factors should be selected according to the member's age last birthday, sex and normal pension age (NPA).
- 3.3 For members in the classic plus section, the service credit is treated as premium service.
- 3.4 To calculate the amount of service credit, the amount of the transfer payment is required, together with the amount of any accrued pre 88 and post 88 guaranteed minimum pension (GMP) entitlement that is included in respect of the transfer and the pensionable earnings in the appropriate section of the scheme at the calculation date. Pensionable earnings should be determined in exactly the same way as when calculating a retirement or deferred pension.
- 3.5 The service credit to be awarded to the member should be calculated as:

$$service\_credit = \frac{[CETV + (G^{pre} \times F_x^{Gpre} + G^{post} \times F_x^{Gpost})]}{\left[ \frac{1}{60} \times S \times F_x^P + \frac{1}{160} \times S \times F_x^S \right]}$$

where

$CETV$  = the member's incoming transfer value

$S$  = the member's pensionable earnings at the relevant date

$G^{pre}$  = pre-88 GMP (pa) accrued by member at the relevant date

$G^{post}$  = post-88 GMP (pa) accrued by member at the relevant date

$F_x^P$  = relevant gross pension factor for a member aged x last birthday at the relevant date, derived from Table P1TVIN60 or P1TVIN65

$F_x^S$  = relevant survivor's pension factor for a member aged x last birthday at the relevant date, derived from Table P1TVIN60 or P1TVIN65

$F_x^{Gpre}$  = relevant GMP factor for pre-88 GMP for a member aged x last birthday at the relevant date, derived from Table P1TVIN60 or P1TVIN65

$F_x^{Gpost}$  = relevant GMP factor for post-88 GMP for a member aged x last birthday at the relevant date, derived from Table P1TVIN60 or P1TVIN65



## 4 Instructions: nuvos

- 4.1 The formula for calculating the amount of transferred pension to be awarded in respect of a transfer value received in respect of a member accruing benefits under the **nuvos** section that is a non-Club transfer is set out in paragraph 4.4.
- 4.2 The factors should be selected according to the member's age last birthday, sex, normal pension age (NPA) and for the revaluation factor the number of 1 Aprils falling between the calculation date and Normal Pension Age (NPA).
- 4.3 To calculate the amount of added pension, the amount of the transfer payment is required and also the amount of any accrued pre 88 and post 88 guaranteed minimum pension (GMP) entitlement that is included in respect of the transfer.
- 4.4 The added pension to be awarded to the member should be calculated as:

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

where

$CETV$  = the member's incoming transfer value

$G^{pre}$  = pre-88 GMP (pa) accrued by member at the relevant date

$G^{post}$  = post-88 GMP (pa) accrued by member at the relevant date

$F_x^P$  = relevant gross pension factor for a member aged x last birthday at the relevant date, from Table P1TV1INN

$F_x^S$  = relevant survivor's pension factor for a member aged x last birthday at the relevant date, from Table P1TV1INN

$F_x^{Gpre}$  = relevant GMP factor for pre-88 GMP for a member aged x last birthday at the relevant date, from Table P1TV1INN

$F_x^{Gpost}$  = relevant GMP factor for post-88 GMP for a member aged x last birthday at the relevant date, from Table P1TV1INN

$F_y^{Reval}$  = relevant revaluation factor for a member with y 1 Aprils before NPA, from Table P1TVINREVAL



## 5 Example: classic section

### Example 1: Male member with GMP

> Date of birth	20/05/1964
> Sex	Male
> Normal Pension age	60
> Amount of CETV	£50,000
> Amount of pensionable earnings	£30,000
> Amount of pre 88 GMP	£150
> Amount of post 88 GMP	£350
> Calculation date	01/12/2014
> Relevant table	P1TVIN60
> Age last birthday	50
> Pension factor	18.20
> Lump sum factor	0.95
> Survivor's pension factor	2.98
> pre-88 GMP deduction factor	3.50
> post-88 GMP deduction factor	0.52

$$\text{service credit} = \frac{£50,000 + (£150 \times 3.5 + £350 \times 0.52)}{\left(\frac{1}{80} \times £30,000 \times 18.20 + \frac{3}{80} \times £30,000 \times 0.95 + \frac{1}{160} \times £30,000 \times 2.98\right)}$$

= 6 years 0 days





## 6 Example: nuvos section

### Example 1: Female member with GMP

> Date of birth	20/05/1965
> Sex	Female
> Normal Pension age	65
> Amount of CETV	£50,000
> Amount of pre 88 GMP	£150
> Amount of post 88 GMP	£350
> Calculation date	12/12/2014

> Relevant table	P1TVINN
> Age last birthday	49
> Number of 1 Aprils to NPA	16
> Pension factor	8.38
> Survivor's pension factor	0.23
> pre-88 GMP deduction factor	-1.24
> post-88 GMP deduction factor	-3.72
> revaluation factor	1.37

$$\begin{aligned}
 > \text{Added Pension} &= \frac{£50,000 + (£150 \times -1.24 + £350 \times -3.72)}{(8.38 + 0.23) \times 1.37} \\
 &= £4,112.69
 \end{aligned}$$



## 7 Limitations of this guidance

- 7.1 This note is intended for the use of the DFP 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.
- 7.2 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.
- 7.3 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.
- 7.4 This note only covers the actuarial principles around the factors covered in this note. Administrators should satisfy themselves that any added pension complies with all legislative requirements including, but not limited to, tax and contracting-out requirements. 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 rules. If users of this guidance believe it to contain any inconsistencies with the scheme rules, they should bring this to the attention of DFP and GAD.



## Appendix A: Factor tables

### List of Tables

- > Table 1: P1TVIN60: Non-club transfers in factors for normal pension age of 60: classic, classic plus and premium
- > Table 2: P1TVIN65: Non-club transfers in factors for normal pension age of 65: classic, classic plus and premium
- > Table 3: P1TVINN: Non-club transfers in factors for normal pension age of 65: nuvos
- > Table 4: P1TVINREVAL: Non-club revaluation factors



**Table 1: P1TVIN60: Non-club transfer in factors for normal pension age of 60: classic, classic plus and premium**

Age	Male					Female				
	Member's pension factor	Lump Sum	Partner's pension factor	Pre 88 GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Lump Sum	Partner's pension factor	Pre 88 GMP onset/offset factor	Post88 GMP onset/offset factor
17	22.61	1.10	3.76	3.66	0.55	21.50	1.00	1.30	3.07	0.47
18	22.99	1.12	3.83	3.66	0.55	21.12	0.99	1.27	3.06	0.47
19	23.34	1.14	3.89	3.65	0.55	20.88	0.98	1.26	3.06	0.47
20	23.65	1.16	3.94	3.65	0.55	20.67	0.97	1.24	3.05	0.47
21	23.82	1.17	3.97	3.64	0.55	20.40	0.96	1.22	3.05	0.47
22	24.01	1.18	4.00	3.63	0.54	20.07	0.95	1.20	3.04	0.47
23	24.06	1.18	4.01	3.63	0.54	19.76	0.93	1.18	3.04	0.47
24	23.88	1.18	3.99	3.62	0.54	19.47	0.92	1.16	3.03	0.47
25	23.58	1.16	3.94	3.62	0.54	19.18	0.91	1.15	3.03	0.47
26	23.09	1.14	3.86	3.61	0.54	18.89	0.90	1.13	3.02	0.47
27	22.53	1.12	3.77	3.60	0.54	18.70	0.89	1.11	3.02	0.46
28	22.00	1.09	3.69	3.60	0.54	18.74	0.89	1.11	3.01	0.46
29	21.48	1.07	3.60	3.59	0.54	18.76	0.90	1.11	3.01	0.46
30	20.98	1.05	3.52	3.59	0.54	18.75	0.90	1.11	3.00	0.46
31	20.54	1.03	3.45	3.58	0.53	18.72	0.90	1.11	3.00	0.46
32	20.28	1.02	3.41	3.58	0.53	18.71	0.90	1.11	2.99	0.46
33	20.02	1.01	3.36	3.57	0.53	18.80	0.91	1.11	2.99	0.46
34	19.71	0.99	3.31	3.56	0.53	18.86	0.91	1.11	2.98	0.46
35	19.40	0.98	3.26	3.56	0.53	18.90	0.91	1.11	2.98	0.46
36	19.13	0.97	3.21	3.55	0.53	18.92	0.92	1.11	2.97	0.46
37	18.96	0.96	3.18	3.55	0.53	18.92	0.92	1.11	2.97	0.46
38	18.86	0.96	3.17	3.55	0.53	18.89	0.92	1.10	2.96	0.45
39	18.75	0.95	3.15	3.54	0.53	18.86	0.92	1.10	2.96	0.45
40	18.59	0.95	3.12	3.54	0.53	18.81	0.92	1.09	2.96	0.45
41	18.43	0.94	3.09	3.53	0.52	18.76	0.92	1.08	2.95	0.45
42	18.34	0.94	3.07	3.53	0.52	18.70	0.92	1.08	2.95	0.45
43	18.32	0.94	3.06	3.52	0.52	18.65	0.92	1.07	2.94	0.45
44	18.29	0.94	3.05	3.52	0.52	18.62	0.92	1.06	2.94	0.45



**Table1: P1TVIN60: Non-club transfer in factors for normal pension age of 60: classic, classic plus and premium (continued)**

Age	Male					Female				
	Member's pension factor	Lump Sum	Partner's pension factor	Pre 88 GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Lump Sum	Partner's pension factor	Pre 88 GMP onset/offset factor	Post88 GMP onset/offset factor
45	18.26	0.94	3.04	3.52	0.52	18.60	0.92	1.05	2.94	0.45
46	18.22	0.94	3.02	3.51	0.52	18.61	0.92	1.05	2.93	0.45
47	18.19	0.94	3.01	3.51	0.52	18.65	0.93	1.04	2.93	0.45
48	18.19	0.95	3.00	3.51	0.52	18.70	0.93	1.04	2.93	0.45
49	18.19	0.95	2.99	3.50	0.52	18.76	0.94	1.03	2.92	0.45
50	18.20	0.95	2.98	3.50	0.52	18.82	0.94	1.03	2.92	0.45
51	18.21	0.95	2.96	3.50	0.52	18.88	0.95	1.02	2.92	0.45
52	18.22	0.96	2.95	3.49	0.52	18.94	0.95	1.01	2.92	0.45
53	18.27	0.96	2.94	3.49	0.52	19.00	0.96	1.00	2.92	0.45
54	18.32	0.97	2.93	3.49	0.52	19.08	0.96	0.99	2.92	0.44
55	18.37	0.97	2.91	3.49	0.52	19.16	0.97	0.98	2.92	0.44
56	18.42	0.98	2.89	3.49	0.52	19.25	0.98	0.97	2.92	0.44
57	18.49	0.98	2.87	3.49	0.52	19.35	0.98	0.96	2.92	0.44
58	18.57	0.99	2.85	3.49	0.52	19.44	0.99	0.95	2.92	0.44
59	18.64	1.00	2.82	3.50	0.52	19.54	1.00	0.93	2.99	0.46
60	18.47	1.00	2.83	3.50	0.52	19.39	1.00	0.93	3.11	0.47
61	18.04	1.00	2.88	3.51	0.52	18.99	1.00	0.93	3.20	0.49
62	17.61	1.00	2.93	3.52	0.52	18.58	1.00	0.93	3.29	0.50
63	17.17	1.00	2.98	3.53	0.52	18.17	1.00	0.94	3.38	0.51
64	16.72	1.00	3.02	3.62	0.53	17.74	1.00	0.94	3.48	0.53
65	16.27	1.00	3.06	3.63	0.53	17.30	1.00	0.94	3.45	0.52
66	15.81	1.00	3.11	3.47	0.51	16.85	1.00	0.94	3.28	0.50
67	15.33	1.00	3.15	3.31	0.48	16.39	1.00	0.94	3.12	0.47
68	14.85	1.00	3.19	3.15	0.46	15.92	1.00	0.94	2.95	0.45
69	14.36	1.00	3.23	2.99	0.44	15.45	1.00	0.94	2.79	0.42
70	13.86	1.00	3.26	2.84	0.41	14.96	1.00	0.93	2.63	0.40
71	13.36	1.00	3.30	2.69	0.39	14.47	1.00	0.93	2.47	0.37
72	12.85	1.00	3.32	2.55	0.37	13.97	1.00	0.92	2.32	0.35
73	12.34	1.00	3.35	2.41	0.35	13.47	1.00	0.91	2.17	0.33
74	11.83	1.00	3.36	2.27	0.33	12.96	1.00	0.91	2.02	0.30
75	11.33	1.00	3.36	2.14	0.31	12.45	1.00	0.90	1.88	0.28



**Table 2: P1TVIN65: Non-club transfer in factors for normal pension age of 65: classic, classic plus and premium**

Age	Male						Female			
	Member's pension factor	Lump Sum	Partner's pension factor	Pre 88 GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Lump Sum	Partner's pension factor	Pre 88 GMP onset/offset factor	Post88 GMP onset/offset factor
17	18.84	1.00	4.13	3.66	0.55	17.92	0.91	1.41	-0.71	-3.30
18	19.18	1.02	4.20	3.66	0.55	17.61	0.89	1.39	-0.72	-3.31
19	19.48	1.04	4.27	3.65	0.55	17.43	0.89	1.37	-0.74	-3.32
20	19.76	1.06	4.33	3.65	0.55	17.27	0.88	1.35	-0.75	-3.33
21	19.91	1.07	4.36	3.64	0.55	17.05	0.87	1.33	-0.77	-3.35
22	20.09	1.08	4.40	3.63	0.54	16.79	0.86	1.31	-0.78	-3.36
23	20.14	1.08	4.42	3.63	0.54	16.55	0.85	1.29	-0.80	-3.37
24	20.00	1.08	4.39	3.62	0.54	16.32	0.84	1.27	-0.81	-3.38
25	19.75	1.07	4.34	3.62	0.54	16.09	0.83	1.25	-0.83	-3.39
26	19.36	1.05	4.25	3.61	0.54	15.86	0.82	1.23	-0.85	-3.40
27	18.90	1.03	4.16	3.60	0.54	15.72	0.81	1.21	-0.86	-3.42
28	18.46	1.01	4.06	3.60	0.54	15.77	0.82	1.22	-0.88	-3.43
29	18.03	0.98	3.97	3.59	0.54	15.80	0.82	1.21	-0.89	-3.44
30	17.61	0.96	3.88	3.59	0.54	15.80	0.82	1.21	-0.91	-3.45
31	17.26	0.95	3.80	3.58	0.53	15.79	0.82	1.21	-0.93	-3.46
32	17.05	0.94	3.76	3.58	0.53	15.79	0.83	1.21	-0.94	-3.48
33	16.83	0.93	3.71	3.57	0.53	15.88	0.83	1.21	-0.96	-3.49
34	16.58	0.92	3.66	3.56	0.53	15.94	0.84	1.21	-0.98	-3.50
35	16.32	0.91	3.60	3.56	0.53	15.98	0.84	1.21	-0.99	-3.51
36	16.11	0.90	3.55	3.55	0.53	16.00	0.84	1.21	-1.01	-3.53
37	15.96	0.89	3.52	3.55	0.53	16.01	0.85	1.21	-1.03	-3.54
38	15.89	0.89	3.50	3.55	0.53	15.99	0.85	1.20	-1.04	-3.55
39	15.80	0.89	3.48	3.54	0.53	15.97	0.85	1.20	-1.06	-3.57
40	15.67	0.88	3.45	3.54	0.53	15.94	0.85	1.19	-1.08	-3.58
41	15.54	0.88	3.42	3.53	0.52	15.90	0.85	1.18	-1.10	-3.60
42	15.47	0.88	3.40	3.53	0.52	15.85	0.85	1.17	-1.11	-3.61
43	15.46	0.88	3.40	3.52	0.52	15.82	0.85	1.17	-1.13	-3.62
44	15.44	0.88	3.39	3.52	0.52	15.79	0.85	1.16	-1.15	-3.64



**Table 2: P1TVIN65: Non-club transfer in factors for normal pension age of 65: classic, classic plus and premium (continued)**

Age	Male					Female				
	Member's pension factor	Lump Sum	Partner's pension factor	Pre 88 GMP onset/offset factor	Post88 GMP onset/offset factor	Member's pension factor	Lump Sum	Partner's pension factor	Pre 88 GMP onset/offset factor	Post88 GMP onset/offset factor
45	15.41	0.88	3.38	3.52	0.52	15.78	0.85	1.15	-1.17	-3.66
46	15.39	0.88	3.36	3.51	0.52	15.80	0.86	1.15	-1.19	-3.67
47	15.36	0.88	3.35	3.51	0.52	15.84	0.86	1.14	-1.20	-3.69
48	15.37	0.89	3.34	3.51	0.52	15.90	0.87	1.14	-1.22	-3.70
49	15.38	0.89	3.34	3.50	0.52	15.97	0.87	1.13	-1.24	-3.72
50	15.40	0.89	3.33	3.50	0.52	16.04	0.88	1.13	-1.26	-3.74
51	15.42	0.90	3.32	3.50	0.52	16.10	0.88	1.12	-1.28	-3.76
52	15.45	0.90	3.31	3.49	0.52	16.17	0.89	1.11	-1.30	-3.78
53	15.51	0.91	3.30	3.49	0.52	16.25	0.90	1.11	-1.32	-3.80
54	15.58	0.92	3.30	3.49	0.52	16.34	0.91	1.10	-1.34	-3.82
55	15.65	0.92	3.29	3.49	0.52	16.44	0.91	1.09	-1.37	-3.84
56	15.73	0.93	3.28	3.49	0.52	16.56	0.92	1.08	-1.39	-3.86
57	15.83	0.94	3.27	3.49	0.52	16.69	0.93	1.07	-1.41	-3.89
58	15.95	0.95	3.26	3.49	0.52	16.83	0.94	1.06	-1.44	-3.91
59	16.08	0.96	3.25	3.50	0.52	16.99	0.96	1.05	-1.49	-4.03
60	16.18	0.97	3.23	3.50	0.52	17.12	0.97	1.04	-1.07	-3.70
61	16.25	0.98	3.20	3.51	0.52	17.21	0.97	1.02	-0.10	-2.81
62	16.31	0.98	3.16	3.52	0.52	17.30	0.98	1.00	0.89	-1.89
63	16.39	0.99	3.12	3.53	0.52	17.39	0.99	0.98	1.93	-0.94
64	16.46	1.00	3.07	3.62	0.53	17.48	1.00	0.95	2.99	0.04
65	16.27	1.00	3.06	3.63	0.53	17.30	1.00	0.94	3.45	0.52
66	15.81	1.00	3.11	3.47	0.51	16.85	1.00	0.94	3.28	0.50
67	15.33	1.00	3.15	3.31	0.48	16.39	1.00	0.94	3.12	0.47
68	14.85	1.00	3.19	3.15	0.46	15.92	1.00	0.94	2.95	0.45
69	14.36	1.00	3.23	2.99	0.44	15.45	1.00	0.94	2.79	0.42
70	13.86	1.00	3.26	2.84	0.41	14.96	1.00	0.93	2.63	0.40
71	13.36	1.00	3.30	2.69	0.39	14.47	1.00	0.93	2.47	0.37
72	12.85	1.00	3.32	2.55	0.37	13.97	1.00	0.92	2.32	0.35
73	12.34	1.00	3.35	2.41	0.35	13.47	1.00	0.91	2.17	0.33
74	11.83	1.00	3.36	2.27	0.33	12.96	1.00	0.91	2.02	0.30
75	11.33	1.00	3.36	2.14	0.31	12.45	1.00	0.90	1.88	0.28



**Table 3: P1TVINN: Non-club transfer in factors for normal pension age of 65: nuvos**

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 3: P1TVINN: Non-club transfer in factors for normal pension age of 65: nuvos (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 4: P1TVINREVAL: Non-club revaluation factors**

Number of 1 Aprils	Factor
0	1.00
1	1.02
2	1.04
3	1.06
4	1.08
5	1.10
6	1.13
7	1.15
8	1.17
9	1.20
10	1.22
11	1.24
12	1.27
13	1.29
14	1.32
15	1.35
16	1.37

Number of 1 Aprils	Factor
17	1.40
18	1.43
19	1.46
20	1.49
21	1.52
22	1.55
23	1.58
24	1.61
25	1.64
26	1.67
27	1.71
28	1.74
29	1.78
30	1.81
31	1.85
32	1.88
33	1.92

Number of 1 Aprils	Factor
34	1.96
35	2.00
36	2.04
37	2.08
38	2.12
39	2.16
40	2.21
41	2.25
42	2.30
43	2.34
44	2.39
45	2.44
46	2.49
47	2.54
48	2.59
49	2.64
50	2.69