| Need for Correction <br> As published, the frial regulations contain errors that are mislanding and in need of correction. |
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| Accordingly, the publication of the ?: final regulations which aro the subject $-\frac{1}{2}$ of FR Doc 94-12294. is corrected as reit follows: <br> 525.2523 (a)-1 $\rightarrow$ (Соाтerted). |
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Friday
June 10, 1994

## Part II

## Department of the Treasury

Internal Revenue Service
26 CFR Parts 1, 20, 25, and 602
Valuation Tables and Actuarial Tables Exceptions; Final Rule and Proposed Rule

## DEPARTMENT OF THE TREASUFY

## Internal Revenue Service

26 CFR Parts 1,20,25, and 602
[TO 8540]
RIN 1545-AM81

## Valuation Tables

agengr: Intemal Revenue Service \{RS\}, Treasury.
ACTON: Final regulations.
Summary: This document contains final regulations relating to the valuation of annuities, interests for lifo or terms of years, and remainder or reversionaty interests. Changes to the applicable tax law were made by section 5031 of the Technical and Miscellanoous Revenue Act of 1988 . These regulations will provide the public with the guidance needed to cornply with the Act.
DAFES: These ragulations are effective May 1. 1989. For dates of applicability of these regulations, see the EFFECTNE DATES POTLIOD UDder SUPPLEMENTARY INFORMATION.
FOR FURTHER INFORMATION CONTACT:
William L. Blodgett, (202) 622-3090
(not a toll-free number).

## SUPPLEMENTARY IAFORMATION:

## Paperwork Reduction Act

The collection of intomation comalned in these final regulations has been reviewed and approved by the Otfice of Management and Budger in accordance with the Paperwork Reduction Act (44 U.S.C. 3504 (h)) under control number 1545-1343. The estimated annual burden per respondent varies from 30 minutes to one hour. depending on individual cincurnstances, with an estimated average of 45 minutes.

Comments concerning the aceuracy of this burden estimate and suggestions for reducine this burden should be sent to the Intermal Revenue Service, Attr: IRS Reports Clearance Orficet. PCFP. Wistington, DC 20224, and to the Office of Mandyement and Budget. Attn: Desk Officer for the Department of the Treasury, Office of Information and Regulatory Aftairs, Washiagton, DC 20503.

## 3ackground

On November 2, 1992, the IRS mblished in the Federal Regisler roposed emendments to the income tax egulations (26 CFR part 1) under ections 170,642. 664, and 7520 of the aternal Revenue Code (Code), and to te estate and gift tex regulations (26 FR part 20 and part 25) under sections
2031. 2512, and 7520 of the Code. Conforming claanges were proposed for regulations under other sections of the Code. On February 3.1993, the IRS published in the Federal Register cortain corrections to the proposed regulations. This project frualizes those amendments. Writter comments responding to the Notice of Proposed. Rulemaking were received. No puthic hearing waş roquested, and none was theld. After consideralion of all of the comments received regarding the proposed regulations, those amendments are adopted by this Treasury decision with revisions in response to those comments. A sunnmary of the principal comments received and revisions made in the final regulations in response to those comments is provided below.

## Explanation of Provisions

The notice of proposed rulemaking included estate tax regulations that described the inplementation of the new valuation standard, including an explanation of the general effectivo date of May 1. 1989 ( $520.7520-1$ ) an explanation of the special elections for charitable interests ( $\$ 20.7520-2$ ). a listing of Code provisions that are not subject to section 7520 ( $\$ 20.7520-3$ ). and a description of transitional rules for income. estate, and gift hax valuations ( $\$ 20.7520-4$ ) In the final regulations, the substance of $\$ 520.7520-1$ through $20.7520-4$ bas been incorporated into analogous provisions for the Income Tax Regulations 〔 $\$ \$ 1,7520-1$ through 1.7520-4) and lie Gta Tax Regulations ( $\$ \$ 25.7520-1$ through 25.7520-4).

In response to comments, several editorial changes were made to clarify certain of the formulas contained in the proposed tegulations. Thest clarifications principally involve the insertion of additional parentheses or brackets in order to make the formulas easier for the reader to understand and apply.
Also in response to comments. §1.170A-12(b) was updated in a cortection to the proposed regulations thet was published in the Federal Register on February 3, 1993. The update includes a formula for the computation of the special factor to value a remainder interest following one life where the property is subject to exhaustion, wear and tear, or obsolescenre. A similar formula in \& $1.170 \mathrm{~A}-1$ 分e), which is applicablo to the valuation ol a remainder interest following two lives, was also updated The change in formulas avolds the need to include lengthy commatation factor tables in the regulations.

Clarifying umendments have been made in the final rogulations conceming the meaning of "valuation date" for purposes of an election to value a transfer to a charitable remainder trust. In the case of an cloction under section 7520 to compute the present value of the charitable interest by use of the interest rate component for either of the 2 months praceding the month in which the Gransfer is made, the month so elected is the valuation date for purposes of determining the interest rate and mortality tables. Sections $1.664-2$ (c) and 1.664-4(e)(4] of the final regulatious have been revised accordingly.
Comments were received pertaining to the rule in the proposed regulations under section 7520 concerning the transfer of more than one partial interest in the same property at different limes. Li response to these comments, the regulations have been amended to make it clear that, generally, each separate transler is valued with the interest rate applicable in the month of the transfer.
The proposed regulations provide for making the election to use a prior month's interest rate in the case of a transfer to charity. Comments questioned the need for requiring the filing of detailed information as part of a prior-month election. This information is alfeady required to be filed with the tax return for certain situations involving chatitable interests that are subject to measuring tives. See, for example, $\$ 20.2055-2(1)(5)$ This requirement is now explained in the regulations under section 7520 . Comments also raised e question about the revocability of the clection and the time for making the election. The final regulations provide that the taxpayer makes the prior.month election by so stating on the return and idendifying the elected month. The failure to include with the return other information that is requited to describe the transfer, whether of not the eloction is made, will ordinarily nol invalidate the election. For eletions made on or belore June 10. 1094, a reasonable atternpt to make the election and submit the required information will be treated as a valid electiva. The final regulations also prowide that the election is generally made on a timely filed tax retura for the year of the transfer. However. the election may also be rade or changed on an amended or supplemented return that is made within 24 montlis after the original return is filed.
Comments were received conceming whethor the five percent de minimis test (i.e. a transfer to charity of at least five percent of the value of the interest set font in the proposed regulations should be applied in determining if the
taxpayer may elect to use an altemative prior month interest rate. The final regulations delete this de minimis test.
Comments were received concerning the application of these regulations in situations where an individual is expected to die prematurely or where two individuals die simultaneously. See, for example, Rev. Rul. 80-80, 1980-1 C.B. 194, which holds that, in cases where the individual's death is imminent, the standard actuarial tables prescribed by the regulations are not to be used. See, also, Carterv. United States, 291 F.2d 63 (51h Cir. 1991), where the court refused to ascribe value to an income interest for purposes of the section 2013 credit where the death of the transferee was simultaneous with the death of the transferor. Comments
were also received conceming the scope of these regulations in ligh of O'Reilly v. Commissioner, 973 F.2d 1403 (8th. Cir. 1992), rem'd, T.C.M. 1994-61. In O'Reilly, the Circuit Cour held that the standard actuarial tables were not applicable to a situation in which the application of those tables would have produced an unreasonable result. In that case, the property held in trust produced an extroordinarily low rate of return. A similar resuld was reached by the Tax Court in Froh v. Commissioner, 100 T.C. 1 (1993), dealing with depletable property. Consistent with these comments, the Service and Tressury are contemporancously proposing an amendment to these regulations that defines the circumstances in which the section

7520 tables would not apply in valuing a transferred interest. That Notice of Proposed Rulemaking is published elsewhere in this issue of the Federal Register.

Notice 89-60, 1989-1 C.B. 700. announced a method for deternining the deemed yearly rate ol return for new pooled income funds. This method delined the deemed rate as the highest annual average section 7520 interest rate for the preceding three years, reduced by one percentage point. The proposed regulations would have defined the deemed rate as the highest annual average section 7520 interest rate for the preceding three years, multiplied by 90 percent. Both methods produced the same result for each of the years after the enactment of section 7520 :

| First year of pooled income fund | 51/E9 to 1231/89 | 1990 | 1991 | 1992 | 1993 | 1997 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Notice 89-60 method ...................................................... | 9.4 | 9.8 | 9.8 | 9.8 | 9.4 | 8.4 |
| Proposed regulation method ............................................ | 9.4 | 9.8 | 9.8 | 9.8 | 9.4 | 8.4 |

Commentators have indicated a strong preference for the methad announced in Notice $89-60$, because they view the computation as simpler than that set forth in the proposed regulations. In response to these comments, the final regulations adopt the method described in Notice 89-60,for determining the deemed yearly rate of return for new pooled income funds.

Comments were received concerning whether, in valuing transfers to a new pooled income fund, the same deemed rate of return would be used throughout the entire three-year period. The final regulations provide that the deemed rate of return for transfers to a new pooled income fund is recomputed each colendar year using the monthly section 7520 rates for the three-year period immediately preceding the calendar year in which each transfer to the fund is made until the fund has been in existence for three laxable years and can compute its highest rate of return for the three taxable years immediately preceding the taxable year in which the transfer of property to the fund is made.
A commentator suggested that, with respect to the interpolation method for valuing transfers to pooled income funds and charitabie remainder unitrusts, a taxpayer be permitted to elect a more exact method of computing the appropriate interest rate. The method prescribed in the proposed regulations has been in use for many years and is prescribed by the Internal Revenue Service in Publication 1457, "Actuarial Values, Alpha Volume," (889) and Internal Revenue Service

Publication 1458, "Actuarial Values, Beta Volume," ( $8-89$ ). The 1RS and Treasury believe that any change from the method prescribed in these publications, which are in current use, would create undue confusion for taxpayers. Consequertly, the commentator's suggested change is not being adopted at this time.

Comments were received inquiring about the application of section 7520 to the valuation of annuities issued by certain organizations other than insurance companies. In response to these comments, the final regulations explain that the section 7520 tables are to be used in valuing these annuities. This is an application of the principle adopted in Rev. Rul. 84-162, 1984-2 C.B. 200, for transfers after November 23, 1984. A different method of valuation continues to apply for purposes of computing the exclusion ratio in reporting the annuity payments under section 72. These clarifications have been made by updating $\S 1.101-$ 2(e)(1)(iii) $(b)$ and Example $g$ of
§ 1.1011 - 2 (c).
Comments were received concerning the prestumption in the proposed regulations under setion 664 that, if a governing instrunent for a charitable remainder unitrust does not prescribe when the distribution is made during the period, the distribution is presumed to be made on the first day of the period. Unitrusts have traditionally been regarded as providing for distributions at the beginning of each period unless the governing instrument provides to the contrary. This presumption has been
reflected in unitrust factors prescribed in the regulations under section b 64 since the enactment of that section. Therefore, the presumption that distributions are made on the first day of the period, if not otherwise provided for in the instument, is continued in the final regulations.

## Effective Dates

These regulations are generally effective in the case of annuities, interests for life or terms of years, and remainder or reversionary interests created after April 30, 1989. The regulations provide certain transitional rules intended to alleviate any adverse consequences resulting from the statutory amendments. Several priscipel provisions of the regulations were announced in Notice 89-24, 1989-1 C.B. 660 (which announced the change from the 10 percent fixed rate of interest to the section 7520 Moating rate of interest), and Natice $89-60$ (which announced the change in mortality tables) (See $\$ 601.601(\mathrm{~d})(2)(\mathrm{ii})(\mathrm{b})$ of the Statement of Procedural Rules). A transitional rule in the final regulations provides that, for valuation dates of transfers after April 30, 1989, and before June 10, 1994, a transferor can rely on Notice 89-24 or Notice 89-60 in valuing the transferred interest. For gift tax purposes, a transitional rule in the final regulations provides that if, after December 31, 1988, but before May 1. 1989, a donor transferred an interest in property, retaining an isterest in the same property, and the donor later transferred the retained interest in the
property after April 30, 1989, and before January 1. 1990, the donor may elect to value the transfer of the retained interest under either the 10 percent tables or the section 7520 tables (whichever is more beneficial). For estate tax purposes, a transitional rule in the final regulations provides that the estate of a mentally incompetent decedent may elect to value the property interest included in the gross estate under the mortality table and interest sate in effect at the time the decedent became mentally incompetent or the mortality table and interest rate in effect on the decedent's date of death if the decedent was under a mental incapacity that existed on May 1, 1989, and continued uninterrupted until the decedent's death. For purposes of determining the value of the remainder interest in a testamentary charitable remainder unitrust or annuity trist, a transitional rule in the final regulations provides that the mortality table and 20 percent interest rate in effect before May 1, 1969, or the mortility table and interest rate under section 7520 may be used if the decedent was mentally incompetent on May 1. 1989, and (1) such incompetency continued
uninterrupted until death, or (2) the decedent died within 90 days of first regaining competency atter April 30. 1989.

## Special Analyses

It has been determined that this Treasury decision is not a significant regulatory action as defined in EO 12866. Thetefore, a regulatery assessment is not required. It also has been determined that section 553 (b) of the Administrative Procedure Act (5 U.S.C. chapter 5) and the Regulatory Flexibiity Act (5 U.S.C. chapter 6) do not apply to these regulations. and, therefore. a Regulatory Flexibility Analysis is nol required. Pursuant to section 7805(0) of the Intermal Revenue Code, the notice of proposed rulemaking preceding these regulations was submitled to the Small Business Administration for commedt on its impact on small business.

## Drafting Information

The principal author of these regulations is William L. Blodgett. Office of Chief Counsel $\mathbb{T P s s t h r o u g h s}$ and Special ladustries), IRS. However.
other personnel from the IRS and Treasury Department participated in their development.

## List of Subjects

## 26 CFF Port 1

Income taxes, Reporting and recordkeeping requirements.

## 26 CFA Port 20

Estate taxes, Reporting and recordkeeping requitements.

## 26 CFR Part 25

Gift taxes, Reporting and recordkeeping requirements.

## 26 CFR Part 602

Reporting and recordkeeping requirements.

## Adoption of Amendments to the Regulations

Accordingly, 26 CFR parts 1, 20, 25. and 602 are amended as follows:

Paragraph 1. In the list below, for each section indicated in the left column, remove the language in the middle column and add the language in: the right column:

| Section | Remove | Add |
| :---: | :---: | :---: |
| 1.5 | or 20.2031-10, whichever is appropriate ........ | 'or, for certaim prior periods. 20.2031-7A |
| 1.101-2 (e)(2) Example (1)(i) | paragraph (t) of .......................................... |  |
| 1.170A-4 (D) Example 9, unird sentence |  | 520.2031-7A (c) |
| :.170A-5(b) Exarrole 5, ifth senterse ............ | Table A(1) in §202031-10(0) ....................... | 5 20.2031-7A(c) |
| 1.170A-5(c)(3) 0 ) ........................................... | or $\S 20.2031-10$, whichever is appropriate ...... | or, for certain prior periods, 20.2031-7A |
| 1.170A-6(c)(3)(iii) Examole 1 second sentence | Table B in 5 20.2031-10(0) .......................... | \$20.2031-7A(c) |
| 1.170A-6(c)(3) (ait) Exanyle 2 second sentence | Table B in S202031-10(0) ............................ | G20.2031-7A(C) |
| 1.170A-S(c)(3)(苜) Example 3 third sentence .... | 520.2031-10(e) ......................................... | S20.2031-7A(c) |
| 1.170A-6(c)(3)(iii) Example 3 fourth sentence. | Table B in § $20.2031-10(7)$........................... | \$20.2031-7A(c) |
| 7.170A-6(c)(4) second sentence .................... | or $\$ 20.2031-10$, whichever is appropriate. |  |
| 1.170A-6(c)(5) Example 1 sixth sentence ....... | Tabde 8 in § 20.2031-10(f) .-.-........................ | 620.2031-7A(c) |
| 1.170A-6, c)(5) Example Zb) ........................ |  | 61.664-AA(c) |
| 1,170A-6(c)(5) Example 3(D) | § 202031-10(0 .-......-......-....................... | \$202031-7A(c) |
| 1.1704-7(c) third sentence | or $\$ 20.2031-10$, whichever is appropriate .... |  |
| 1.170A-12(a)(3) tourth sentence | paragraph (d) of $525.2512-5$ or 25.2512-9 whichever is appropriate. | §25-2512-5 (or, tor certain prior perioos. 525.2512-5A) |
| 1.170A-12(c) first and third sentences ............ | paragraph (d) in \$25.2512-5 or 252512-9 ... | § $252512-5$ (or, for certain prior periods. $\$ 25.2512-5 \mathrm{~A})$ |
| 1.170A-12(c) Example, fourth sentence | Table B of 625.2512-9(0) | 525.2512-5A(c) |
| 1.414(c)-2(b)(2)(ii) stand senterce .............. | of §202031-10 (Estate Tax Regulations). whichever is appropriate. | Or, for certain prior periods, §20.2031-7A (Estate Tax Regulations) |
| 1.414(c)-4 (b)(3)(i) tiast sentence ..................... | or $520.2031-10$ (Estate Tax Regulations), whichever is appropriate. | or. tor certain pritor periods, $\$ 20.2031-7 \mathrm{~A}$ (Estate Tax Regulations) |
| 1.642(c)-6(d)(2) Uhird and fith senternces ........ | paragraph \{d\}(2) .-..............---.................... | paragraph (d)/3) |
| 1.642(c)-6(d)(2) lourth sentence .................... | paragraph (a)(2) of this section ..................... | S; 642(c)-6(b) |
| 1.642(c)-7(d)(2) firsl and second sentences ... | paragraph (b)(2) of ...................................... |  |
| 1.664-1(a)(S) Example (6)(ii) second sentence | § i.65d-4(b)(2) .......................................... | S. $1.664-4 \mathrm{~A}$ (c) |
| 1.664-4(b)(2) second sentence ..................... | paragraph (a) (d) of this section ..................... | § 1.664-4 (a) |
| 1.664-4(0)(2) last senternce ........................... | paragraph (a)(3) of this section ...................... | \$ 1.654-4 b $^{\text {d }}$ |
| t.664-4(b)(3) first sentence | paragraph (b)(5) ......................................... | paragraph (0)(5) |
| \$.664-4(b) (3) third and sioth sentences .......... | paragraph (b)(3) .......................................... | paragraph (d)4 ${ }^{\text {a }}$ ) |
| 1.564-4(b)(3) Fith sertence | paragraph (a)(4) of this section .---................. | \$5.664-4(b) |
| 1.1014-5i(a)(3) firsi sentence ........................ | or 520.2031-10, whichever is applicable ...... | Of, lor certain prior periods, \$20.2031-1A |
| 1.1014-5 (c) Example (1) tourth sentence ........ | Table $A$ (2) in paragraph (f) of $\$ 20.203: 10$... | §20.2031-7A(c) |
| 1.1014-5(c) Example (2) second sentence ..... | Table $A(2)$ in paragraph (f) of $\leqslant 202031-10 \ldots$ | \$202031-7A(c) |
| 1.1014-5(c) Example (3) sixth sentence ......... | Table A(1) in paragraph (f) of \$20.2031-10 ..- | \$20.2031-7A(c) |
| 1.1014-5 (c) Example (4) trird sentence .......... | Table A(1) in paragraph ti) of S20.2031-10 ... | § 20.2031-7A(c) |
| 1.1014-5 (c) Example (5)(a) Efth senterce ....... | Table A(5) in paragraph () Of \$ 20.2031-10 ... | \$20.2031-7A(c) |
| t.1014-5 (c) Example (i) fourth sertence ........ | Table A(2) in paragraph (f) of S20.203i-10 ... | §20-2031-7. ${ }^{\text {(c) }}$ |
| 20.2031-7(a)(2) first and second sentences | paragraph (0) | paragraph (0)(6) |


| Section | Remove | Add |
| :---: | :---: | :---: |
| 20.2031-7(a)(2) | paragraph (e) | paragraph (d)(5) |
| 20.2031-7(b)(1) | paragraph (b)(1) ... | paragraph (0)(2)(i) |
| 20.2031-7(b) 2 ) | paragraph (b)(2) | paragraph (d)(2)(ii) |
| 20.2031-7(b)(2) in the Example). | paragraph (b)(1) | paragraph (d)(2)(i) |
| 20.2031-7(6)(3)(0) ............-...... | paragraphs (b)(1) or (2) | paragraphs (d)(2)(i) or (ii) |
| 202031-7(b)(3)(i) .................................. | paragraph (b)(3)(i) | paragraph (d)(2)(nii)(A) |
| 202031-7(b)(3) () (tn the Example) ................ | paragraph (b) (2) | paragraph (d)(2)(ii) |
| 20.2031-7(b)(3) di] $^{\text {a }}$................................... | paragraph (b)(3)(i) | paragraph (d)(2)(iii)(B) |
| 20.2031-7(c) ............................................ | paragraph (c) ............. | paragraph (d) (3) |
| 20.2031-7(d) ..--......................................... | paragraph (d) . | paragreph (d)(4) |
| 20.2031-7(e) | paragraph (9) | paragraph (d)(6) |
| 20.2032-1(0)(1) fourth sentence ..................... | §20.2031-7 | §20.2031-7A(0) |
| 20.2039-2(c)(1)(viii) .... | through 20.2031-10 | or, for certain prior periods, $\$ 202031-7 \mathrm{~A}$ |
| 20.2039-5 (c)(1) | through 20.2031-10 | or, for certain prior periods, 520,2031-7A |
| 20.2039-5 (c)(2) | trrough 20-2031-10 | or, 1 or certain prior periods, 5 20.2031-7A |
| 20.2055-2(0)(2)(iv) | or 20-2031-10, whichever is appropriate | or, for centain prior periods, \$20.2031-7A |
| 20.2056(b)-4(d) touth sentence ........-........... | paragraph (e) | paragraph (b) |
| 25.2511-1 (h)(6) ........................................ | paragraph (e) of \$25.2512-5 or paragraph (a) of $\$ 25$ 2512-9, whichever is applicable. | §25.2512-5 |
| 25.2511-1 (1)(7) .-........................................ | paragraph (e) of \$25.2512-5 or paragraph (e) of $\$ 25.2512-9$, whichever is applicable. | \$25.2512-5 |
| 25.2512-5(a)(2) first and second sentences . | paragraph (0) | paragraph (d)(6) |
| 25.2512-5(a)(2) third sentence | paragraph (e) | paragraph (d) (5) |
| 25-2512-5(b)(1) third sentence. | paragraph (b)(1) | paragraph (d)(2)(6) |
| 25.2512-5(b)(2) last sentence ...... | paragraph (b)(2) | paragraph (d)(2)(i) |
| 25.2512-5(0)(2) fin the Exarpple) .................. | paragraph (b)(1) | paragraph (d)(2)(i) |
| 26.2512-5 (b)(3)(f) .................-.-................ | paragraphs (0)(3) or (2) | parapraph (0)(2)(i) or (ii) |
| 25.25t2-5(b)(3)(i) tast sentence .................... | paragraph (b)(3)(0) | paragraph (d)(2)(ini)(A) |
| 25.2512-5 (b) (3)(ii) .-....... | рагеgraph (b)(3)(i) .................. | paragraph (d)(2)(iii)( B $^{\text {a }}$ |
| 25.2512-5(c) .-. | paragraph (c) | paragraph (d)(3) |
| 25,2512-5(d) | paragraph (d) | paragraph (d)(4) |
| 25.2518-3(a)(1)(iv)(A) | \$20:2031-10 | \$20.2031-7 |
| 25.2522(c)-3(d)(2)(iv) limst sentence ............... | or $25.2512-9$, whichever is appropriale .......... |  |
| $25.2522(c)-3(\mathrm{D})(2)(\mathrm{v})$ Example it second sent tence. | Table B in s5252512-900 .-......................... | §25.2512-5A(c) |
| $25.2522(\mathrm{c})-3(\mathrm{~d})(2)$ (in) Example 2 second sent tence. | Tabde B in §25.2512-9() | §̧25.2512-5A(c) |
| 25.2522 (c)-3(d)(2)(iv) Examole 3 third sen- terce. | \$25.2512-9(e) ........................................... | §252512-5A(c) |
| 25.2522 ( c -3(d)(2)(iv) Example 3 fourth sen- tence. | Table B in § 25.2512-9(0)............................ | § $25.2512-5 A(\mathrm{c})$ |
| 25.252.3(a)-1 (d) second sentence ................... | or 25.2512-9, whichever is appropriate | or, lor certain prior periods, $\$ 252512-5 \mathrm{~A}$. (d) of $52525+2-5$ |
| 25.2523(a)-1(d) third sentence ...................... | (f) of $525.2512-5$ or 25.2512-9, whichever is appropriate. | (d) of $525.2512-5$. |
| 252523 (a)-1(d) fourth sentence .................... | (see §25.2512-5(e) or 25.2512-9(e), whichever is appropriate). |  |
| 25.2523(3)-1(d) fith sentence | (e) $025.2512-9(\theta)$, whichever is appropriate . | (d) Or, for certain prior periods, §25.2512-5A. |
| $25.2523(\mathrm{c})$-1(c) Example, tenth sentence ........ | (70,000 $\times .708919$, as found in Tabke Il of § 25 2512-5). | as determined under 525.2512-5A(c) |

## PART 1-INCOME TAXES

Par. 2. The authority citation for part 1 is amended by adding an entry in numerical order to read as follows:
Authority: 26 U.S.C. 7005 . *
Section $1.170 \mathrm{~N}-12$ also issued under 26
U.S.C. $170(\mathrm{P}(4)$. .

Section $1.642(\mathrm{c}-6$ also issued under 26
U.5.C. 642(c)(5).

Section $1.642(\mathrm{c})-5 A$ also issued under 26
U.S.C. $6.42(\mathrm{c} /(5)$.

Section 1,604-1 also issued under 26 U.S.C. 664(a).

Section 1.66i-2 also issued under 26 U.SC 66*(a).

Section $1.66+-3$ also issued under 26 U.SC. 654(a).

Section 1.664-4 also issued under 26


Section 1.664-4A also issued under 26
U.S.C. 66 (a). * *

Section 1.7520-1 alsa issued under 26
U.SC $7520(\mathrm{c})(2)$.

Section $1.7520-2$ also issued under 26 U.S.C. 7520 (c) (2).

Section 1.7520-3 also issued under 26 U.S.C. 752 엉)(2).

Section $1.7520-4$ also issued under 26 U.S.C. $7520(\mathrm{c})(2)$.

Par, 3. Section 1.201-2 is amended as follows:

1. Paragraphs (c)(1)(iii)(b) (1) and (2) are revised.
2. Paragraph (e)(1)(iii)(b)(3) is removed.
3. The revised provisions read as follows:
51.101-2 Employees' death benetits.
(e) * * *
[1) * * *
(iii) * **
(b) * * *
(1) In the case of an annuity paid by an insurance company or by an organization (other than an insurance company) regularly engaged in issuing annuity contracts with an insurance company as the coinsurer or reinsurer of the obligations under the contract, by use of the discount interest rates and mortality tables used by the insurance company involved to determine the installment benefits; and
(2) In the cose of an annuity issued after November 23, 1984, to which paragraph (e) $(1)(i i i)(b)(0)$ of this section is not applicable, by use of the
appropriste tabies in $\S 20.2031-7$ of this Chapter (Estate Tax Regulatious).

Par. 4. Section 1.170A-12 is amended as follows:

1. In paragraph (a)\{3), a sentence is added between the fourti and Gifh sentences.
2. Paragraphs (b), and (e) (1) and (2) are reused.
3. Paragraph ( $\cap$ is removed.
4. The authority citation at the eńd of the section is removed.
5. The added and revised provisions read as follows:
§ 1.170A-12 Valuation of a remalnder interest in real property for contributions macte atter July 31, 1969.
(a) ***
(3) * * * Except as provided in § $1.7520-3(b)$ of this chapter, for transfers of remainder interests after April 30. 1989, the present value of the remainder interest is determined under $\S 25.2512-5$ of this chapter by use of the interest rate component on the date the interest is transferred unless an election is made under section 7520 and § 1.7520 - 2 of this chapler to compute the present value of the interest transferred by use of the interest rate component for either of the 2 months
preceding the month in which the interest is transferred. **
(b) Valuation of a remoinder interest following only one life-(1) General rule. The value of a remainder interest in real propenty following only one life is determined under the rules provided in § 20.2031-7 (or for certain prior periods. $\$ 20.2031-7 A$ ) of this chapler (Estate Tax Regulations), using the interest rate and life contingencies prescribed for the dale of the gin. See, however, 51.7520 $3(b)$ (relating to exceptions to the use of prestribed tables under certain circumstances). However, if any part of the real property is subject to exhaustion, wear and lear, or obsolescence, the special factor determined under paragraph (u)(2) of this section shall be used in valuing the remainder interest in that part. Further, if any part of the property is subject to depletion of its natural resources, such depletion is taken into account in determining the value of the remainder interest.

## (2) Computation of depreciation

 factor. If the valuation of the remainder interest in depreciable property is dependent upon the continustion of one iife, a special factor must be used. The Iactor determined under this paragrapin (0)(2) is caried to the flth decimalplace. The special factor is to be computed on the basis of the interest rato and life contingencies prescribed in $\$ 20.2031-7$ (or for certain prior periods, $\$ 20.2031-7 \mathrm{~A}$ ) of this chapler (Estate Tax Regulations) and on the assimption that the property depreciates on a straight-line basis over its estimated useful life. For transfers for which the valuation date is afer April 30. 1989. special factors for determining the present value of a remainder interest following one life and an example describing the computation are contained in Intermal Revenat Servic Publication 1459, "Actuarial Values. Garmma Volume." ( $8-8 \mathrm{~S}$ ). This publication is no longer available for purchase from the Superintendent of Documents. However, it may be obtained by requesting a copy from: CC:DOMCORP:T:R (IRS Pubiacation 1459), room 5228, Intermal Revenue Service, FOB 7604, Ben Franklin Station, Washington, DC 20044. See, however, $\$ 1.7520-3(\mathrm{~b})$ (relating to exceptions to the use of prescribed lables under certain circumsiances). Otherwise, in the case of the valuation of a remainder interest following one iffe. the special factor may be obtained through use of the following formula:

$$
\left(1+\frac{1}{2}\right) \sum_{i=0}^{n-1} w^{(i+1)}\left[\left(1-\frac{l_{n+1+9}}{l_{x}}\right)-\left(1-\frac{l_{x+i}}{l_{n}}\right)^{Y}\right]\left(1-\frac{1}{2 n}-\frac{t}{n}\right)
$$

Whero:
$n=$ the estmated number of years of useful life,
$i=$ the applicable interest rate under section 7520 of the Internal Revenue Code.

- 1 divided by the sum of 1 plus the applicable interest rate under section 7520 of the Internal Revenue Code,
$x=$ the age of tue life senant, and
$\mathrm{lx}=\mathrm{numbe}$ of persons living at age x as set forth in Table 80CNSMT of § 20.2031-7 (or, for prior periods, in § $20.2031-7 \mathrm{~A}$ ) of this chapter.
(3) The following example illustrates the provisions of this paragraph (b):
Example. In June 1902. A. who is e2, donates to Y Universily a remainder joterest in a personal residence, consisting of a house and laned. subject to a reserved life estate in A Al the time of the gith the land has a value of 530,000 asd the chouse has a value of 5700,000 with an estimated useful life of 45 yars, at the ond of whith the value of the house is expected to be $\$ 20,000$. The portion
of the property considered to be depreciable is $\$ 80.000$ (the value of the house ( $\$ 100,000$ ) less its expected value at the end of 45 years ( 520.000 )]. The portion of the property considerod to be nondepruciable is $\$ 50,000$ (the value of the hand at the time of the gift ( $\mathrm{S} 20,000$ ) plus the expectad volue of the house at the end of 45 years ( 520,000 ). The interest rate prescribed under section 7520 for Jupe 1992 is 8.4 percent. Based on an interest rate of 8.4 percent, the remainder foctor for 51.00 prescrited in $520.2031-7$ of tisis chapler for a person age 62 is 0.29567 . The value of the nondepreciable remainder interest is $\$ 14,783.50$ (0229567 times $\$ 50,0001$. The value of the deprociable remsinder interest is $\$ 17,387,20$ (0.21734, computed under the formula described in paragraph (b)(2) of this section. times 580.000). Therefore, the value of the zemaider interest is $532,170,70$.
(e) ***
(1) (i) If the valuation of the remainder interest in the real property is dependent upon the continuation or the termination of more than one life or upon a term certain concurrent with one
or more lives. a special factor must be used.
(ii) The special factor is to be computed on the basis of-
(A) Interest at the rate prescribed under §25.2512-5 (or, for certain priot periods, $£ 25.2512-5 A$ ) of this chapter, compounded annually:
(B) Life contingencies determined from the values that are set forth in the mortality table in $\S 20.2031-7$ (or, for certain prior periods, $520.2031-7 \mathrm{~A}$ ) ol this chapter; and
(C) If deprociation is involved, the assumption that the propery depreciates on a straight-line basis over its estimated useful tife.
(iii) If any part of the property is subject to depletion ofits natura! resources, such dopletion must be taken into account in determining the value of the remainder intercst.
(2) In the case of the valuation of a remainder interest following two lives, the special factor may be oblained through use of the following formula:

$$
\left(1+\frac{i}{2}\right) \sum_{i-0}^{m-1} V^{(1+1)}\left[\left(1-\frac{l_{x+1+1}}{l_{x}}\right)\left(1-\frac{l_{y+1+1}}{l_{y}}\right)-\left(1-\frac{l_{x+1}}{l_{x}}\right)\left(1-\frac{l_{y+1}}{l_{y}}\right)\right]\left(1-\frac{1}{2 n}-\frac{t}{n}\right)
$$

Where:
$n=$ the estimated number of years of usefullife.
$\mathrm{i}=$ the applicable interest rate under section 7520 of the Intemal Revenue Code,
$v=1$ divided by the sum of 1 plus the applicable interest rate under section 7520 of the Internal Revenue Code,
$x$ and $y=$ the ages of the life tenants, and Lx and ly $=$ the number of persons living at ages $x$ and $y$ as set forth in Table 80CNSMT in § 20.2031-7 (or, for prior periods, in $\$ 20.2031-7 \mathrm{~A}$ ) of this chapter.

## \$1.170A-13 [Amended]

Par. 5. Section 1.170A-13 is amended by removing the authority citation immediately following paragraph (d)(3).
Par. 6. Section 1.170A-14 is amended by:

1. Revising the third and fourth sentences of paragraph (h)(4), Example 2, as set forth below.
2. Removing the fifth sentence of paragraph (h)(4), Example 2.

## §1.170A-14 Cuallfied consenvation contributions.

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    (b):
    (4)***
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Example 2. * Under $\$ 1.170 \mathrm{~A}-12(\mathrm{~b})$. the vatue of a remainder interest in real property following one life is determined under 525.2512-5 of this chapter (Gift Tax Regulations). (See § 25.2512-5A of this chapter with respect to the valuation of anpuities, interesta for lifo or term of years. and remaindet or teversionary interests transferred before December 1. 1983.)

Par. 7. Immediately following § 1.643 (d) 2 , on undesignated center heading and $\$ 1.642$ (c)- 6 A are added to read as follows:
Pooled Income Fund Actuarial Tables Applicable Before May 1, 1969
$\$ 1.642(\mathrm{c})-6 \mathrm{~A}$ Valuation of charitable remainder interests for whlch the valuation date is before May 1, 1989.
(a) Voluation of charitable remainder interests for which the valualion date is before January 1, 1952. There was no provision for the qualification of pooled income funds under section 642 unti] 1969. See \$ 20.2031-7A(a) of this chapter (Estate Tax Regulations) for the determination of the present value of a charitable remainder interest created before January 1. 1952.
[b) Valuation of charilable remoinder interests for which the valuation date is after December 31, 1951, und before January 1, 1971. No charitable deduction is allowable for a transter to a pooled income fund for which the valuation date is after the effective dates of the Tax Reform Act of 1969 unless the pooled income fund meets the requirements of section 642 (c) (5). See $\$ 20.2031-7 \mathrm{~A}(\mathrm{~b})$ of this chapter (Estate Tax Regulations) for the determination of the present value of a charitable remainder interest for which the valuation date is after December 31. 1951, and before January 1, 1971.
(c) Present value of remainder interest in the case of transfers to pooled income funds for which the valuation date is after December 31, 1970, and before December 1. 1983. For the determination of the present value of a remainder interest in propery trensferred to a pooled income fund for which the valuation date is after December 31, 1970, and before December 1, 1983, see § 20.2031-7A(c). of this chapter (Estate Tax Regulations) and former $\$ 1.642$ (c)-6(e) (as contained in the 26 CFR part 1 edition revised as of April 1, 1994).
(d) Present value of remainder interest dependent on the terminotion of one life in the case of transfers to pooled income funds made after November 30, 1983. for which the valuation date is before May 1, 1989-(1) In general. For translers to pooled income funds made after November 30, 1983, for which the valuation date is before May 1. 1989, the present value of the remainder interest at the time of the transfer of property to the fund is determined by computing the present value fat the time of the trans Fet) of the lific income interest in the transferred property (as determined under paragraph (d)(2) of this section) and subtracting that value from the fair market value of the transferred property on the valuation date. The present value of a remainder interest that is dependent on the termination of the life of one individual is computed by use of Table $G$ in paragraph (d)(4) of this section. For purposes of the computation under this section, the age of an individual is to be taken as the age of the individual at the individual's nearest birthday.
(2) Present value of Ifie income interest. The present value of the life income interest in property transferred to a pooled incone fund shall be computed on the basis of:
(i) Life contingencies determined from the values of $l x$ that are sot forth in Table LN of § 20.2031-7A(d)(6) of this chapter (Estate Tax Regulations); and
(ii) Discount at a rate of interest. compounded anmually. equal to the highest yearly rate of return of the pooled income fund for the 3 taxable years immediately preceding its taxable year in which the transfer of property to the fund is made. For purposes of this paragraph (d)(2), the yearly rate of return of a pooled income fund is determined as provided in \$ 1.642 (c)$6(c)$ unless the highest yearly rate of return is deemed to be 9 percent. For purposes of this paragraph (d)(2), the first taxable year of a pooled income fund is considered a taxable year even though the taxable year consists of less than 12 months. However, appropriate adjustments must be made to annualize the rate of return earned by the fund for that period. Where it appears from the facts and circumstances that the highest yearly rate of return for the 3 taxable years immediately preceding the taxable year in which the transfer of property is made has been purposely manipulated to be substantially less than the rate of return that would otherwise be reasonably anticipated with the purpose of obtaining an excessive charitable deduction, that rate of return may not be used. In that case, the highest yearly rate of return of the fund is determined by treating the fund as a pooled income fund that has been in existence for less than 3 preceding taxable years. If a pooled income fund has been in existence less than 3 taxable years immediately preceding the taxable year in which the transfer of property to the fund is made, the highest yearly rate of return is deemed to be 9 percent.
Par. 8. Section 3.642 (c)-G is amended as follows:

1. The section heading is revised.
2. Paragraphs (a) and (b) are revised.
3. Paragraph (c)(1) is revised.
4. Paragraphs (d)(2) and (d) (3) are redesignated as $\$ 1.642(c)-5 \mathrm{~A}$. paragraphs (d)(3) and (d)(4). respectively.
5. Paragraph (d)(1) is redesignated as paragraph (d) and revised.
6. Paragraph (e) is revised.
7. The authority citation at the end of the section is removed.
8. Paragreph (f) is added.
9. The added and revised provisions read as follows:

5 $1.642(c)-4$ Valtation ol a remadnder Interest in property transferred to a pooled income fund atter Aprlt 30, 1989.
(a) In general. (1) For purposes of sections $170,2055,2106$, and 2522, the fair markel value of a remainder interest in property transferred to a pooled income fund is its present value determined under paragraph (d) of this section.
(2) The present value of a remainder interest at the time of the transfer of property to the pooled income furd is determined by connputing the present value (at the time of the transfer) of the life income interest and subtracting that value from the far market value of the transferred property on the valuation date. The tact that the income beneficiary may not receive the last income payment, as provided in paragraph (o)(7) of $\$ 1.642(\mathrm{c})-5$, is not taken into account for purposes of detemining the value of the life income interest. For purposes of this section, the valuation date is the date on which property is transferred to the fund by the donor except that, for purposes of section 2055 or 2106 , it is the alternate valuation date. if elected, under the provisions and limitations set forth in section 2032 and the regulations thereunder.
(3) Any claitu for a deduction on any return for the value of the remainder interest in property transferred to a pooled incorne fund must be supported by a statement altached to the return showing the computation of the present value of the interest.
(b) Actacrial computations by the Internal Revenue Service. The rogulations in this and in related sections provide tables of actuarial factors and examples thal illustrate the use of the tables in determining the value of remainder interests in property, Section $1.7520-1$ (c)(2) rejers to government publications that provide sdditional tables of factors and examples of computations for mone complex situations. If the compulation requires tho use of a factor that is not provided in this section, the Commissioner may supply the factor upon a request for a ruling. A request for a ruling must be accompanied by a recifation of the facts including the pooled income fund's bighest yearly Inte of return for the 3 taxable years jinnmediately preceding tho date of transfer, the date of birth of each measuring life, and copies of the relevant documents. A request for a ruling must comply with the instructions for requesting a ruling pubished periodically in the Entemal Revenue Bulietin (see 55601.202 and 601.601(d)(2)(ii)(b) of this chapter) and
include payment of the reguired user fee. If the Commissioner furmishes the factor. a copy of the letter supplying the factor should be attoched to the tax return in which the deduction is claimed. If the Commissioner does not furnish the factor, the taxpayer must furnish a factor computed in accordiance with the principles set lorth in this section.
(c) Computation of pooled income fund's yearly rate of return. (1) For purposes of determining the present walue of the life income interest, the yearly rate of return earned by a peoled income fund for a taxable year is the percentage obtained by dividing the amount of income eamed by the pooled income fund for the taxable year by an amount equal to-
(i) The average fair market value of the property in such fund for that taxable year less
(ii) The conrective term adjustment.
(d) Valuotion. The present value of the remainder interest in property transferred to a poolod income fird efter April 30, 1989, is determined under paragraph (e) of this section. The present value of the remainder interest in property transferred to a pooled incorne fund for which the valuation date is before May 1, 1989, is detormined under the following sections:

| Veluation dates |  | Applicable regulations |
| :---: | :---: | :---: |
| After | Before |  |
|  | 01-01-52 | 1.642(c)-6A(a) |
| 12-31-51 | 01-01-71 | 1.642(c)-6A(b) |
| 12-31-70 ...... | 12-01-83 | 1.642(c)-6A(c) |
| 11-30-83 ....... | 05-01-89 | 1.642(c)-6A(0) |

(e) Present value of the remainder interest in the case of transfers to pooled income funds for which the voluation dote is after Apill 30, 1989-(1) In general. In the case of transiers to pooled income funds for which the valuation date is after April 30, 1989. the present value of a remainder interest is determined under this section. See. however, $\$ 1.7520-3(\mathrm{~b})$ (relating to exceptions to the use of prescribed tables under certain circumstances). The present value of a remainder interest that is dependent on the termination of the life of ona individual is computed by the use of Table $S$ in paragraph (e)(5) of this section. For purposes of the computations under this section, the age of an individual is tbe age at the individual's nearest birthday. If the valuation date of a transfer to a pooled income fund is ofter April 30, 1S89, and before June 10, 1994, a transferor can
roly on Notice 89-24, 1989-1 C.B. 660, or Nolice 89-60, 1989-1 C.E. 700. in valuing the transferred interest. (See $\$ 601.601(\mathrm{~d})(2)(\mathrm{ii})(\mathrm{B})$ of this chapter.)
(2) Present value of a remainder interest. The present value of a remainder interest in property transferred to a pooled income fund is computed on the basis of-
(i) Life contingencies determined from the values of $i x$ that are sel forth in Table 80CNSMT in $\$ 20.2031-7$ (d) (6) of this chapter (Estate Tax Regulations); and
(ii) Discount at a rate of interest, compounded annually, equal to the highest yoarly rate of return of pooled income fund for the 3 taxable years immediately preceding its taxable year in which the transfer of property to the fund is made. For purposes of this paragraph (e), the yearly rate of return of a pooled income fund is determined as provided in $\$ 1.642(\mathrm{c})-6(\mathrm{c})$ unless the highest rate of return is deemed to be the rate described in paragraph (e) (3) of this section for funds in existence less than a taxable years. For purposes of this pargraph (e)(2)(ii), the first taxable year of a pooled income fund is considered a taxable year even though the taxable year consists of less than 12 months. However, appropriale adjustments must be made to annualize the rate of remurn eatmed by the fund for that period. Where it appears froin the facts and circumstances that the highest yearly rate of return of the fund for the 3 taxable years immediately preceding the taxable year in which the transler of property is made has been purposety manipulated to be substantially less than the rate of return that would otherwise be reasonably anticipated with the purpose of obtaining an excessive charitoble deduction, that rate of return may not be used. In that case, the highest yearly rale of return of the fund is delemined by treating the fund as a pooled income fund that has been in existence for less than a preceding taxable years.
(3) Pooled income funds in existence less than 3 taxable years. If e pooled income fund has been in existence less than 3 taxable years immediately preceding the taxable year in which the transfer is made to the fund and the transler to the fund is made after April 30,1989 , the highest rate of roturn is deemed to be the interest rate frounded to the nearest two-tenths of one percent) that is 1 percent less than the highest annual average of the monthly section 7520 rates for the 3 calendar years immediately preceding the calendar year in which the transter to the pooled inconve fund is made. The deemed rate of retum for transfers to new pooled
income funds is recomputed each calendar year using the monthly section 7520 rales for the 3 -year period immediately preceding the calendar year in which each transfer to the fund is made until the fund has been in existence for 3 taxable years and can compute its highest rate of retum for the. 3 taxable years immediately preceding the taxable year in which the transfer of property to the fund is made in accordance with the rules set forth in the first sentence of paragraph $\{\mathrm{e})(2)(\mathrm{ii}\}$ of this section.
(4) Computation of value of remainder interest. The factor that is used in determining the present value of a remainder interest that is dependent on the termination of the life of ona individual is the factor from Table Sin paragraph (e)(5) of this section under the appropriate yearly rate of return opposite the number that corresponds to the age of the individual upon whose life the value of the remainder interest is based. The tables in paragraph [e)( 5 ] of this section include factors for yearly rates of return from 4.2 to 14 percent. Many actuarial factors not contained in the tables in paragraph (e)(5) of this
section are contained in Table $S$ in Internal Revenue Service Publication 1457،"Actuarial Values, Alpha Volume." (8-89). A copy of this publication may be purchased from the Superintendent of Documents, United States Government Printing Office, Washington, DC 20402 . For other situations, see $\$ 1.642(\mathrm{c})-6(\mathrm{~b})$. If the yearly rate of return is a percentage that is between the yearly rates of return for which factors are provided, a linear interpolation must be made. The present value of the remainder interest is determined by multiplying the fair market value of the property on the valuation date by the appropriate remainder factor. This paragraph may be illustrated by the following example:
Example, A, who will be 55 years old on May 8, 1900, transfers $\$ 100,000$ to a pooled incone fund ou January 1. 1990, and retains a life income interest in the property. The highest yearly rate of retura earned by the fund for its 3 preceding taxable years is 9.47 porcent. In Table S. the remainder factor opposite 55 years under 9.4 percent is 18785 and under 9.6 percent is .18322 . The present value of the remainderjnterest is $\$ 78,623.00$. computed as follows:

| Factor at 9.4 percent for age 55 $\qquad$ | . 18785 |
| :---: | :---: |
| Fartor at 9.6 percent for age |  |
| 55 | . 18322 |
| Difference ............................ | . 0 9463 |
| Interpolation adjustment |  |
| 9.47\%-9.4\% $\quad x$ |  |
| 0.2\% . 00463 |  |
| $x=.00162$ |  |


| Factor at 9.4 percem tor age 55 $\qquad$ | . 18785 |
| :---: | :---: |
| Less: Interpolation adjustment | . 00162 |
| Interpolated factor | 3 ec23 |
| Present value of remainder interest: <br> (\$100.000×.38623) $\qquad$ | .623.00 |

(5) Actuarial tables. In the case of translers for which the valuation date is after April 30, 1989, the present value of a remainder interest dependent on the termination of one life in the case of a trausfer to a pooled income fund is determined by use of the following tables:

Table S.-Based on life Table 80CNSMT Single Life Remaindea Factors
[Applicable a*er Aprid 30. 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4.2\% | 4.4\% | 4.6\% | 4.8\% | 5.0\% | 5.2\% | 5.4\% | 5.6\% | 5.8\% | 6.0\% |
| (1)...................... | . 07389 | . 06749 | . 06188 | . 05695 | .05261 | . 04878 | . 04541 | . 04243 | . 03978 | . 03744 |
| 1 | . 06494 | . 05833 | . 05250 | . 04738 | . 04287 | . 03888 | . 03537 | . 03226 | . 02950 | . 02705 |
| 2 | . 06678 | . 05999 | . 05401 | . 04874 | . 04410 | . 03939 | . 03636 | . 03314 | . 03028 | . 02773 |
| 3 ............-.......... | . 06897 | .06200 | 05587 | . 05045 | .04567 | .04143 | .03768 | . 03435 | . 03139 | . 02875 |
| 4. | . 07139 | . 06425 | . 05796 | .05239 | . 04746 | . 04310 | . 03922 | . 03578 | . 03271 | . 02998 |
| 5 | 07401 | . 06669 | . 06023 | . 05451 | . 04944 | .04494 | . 04094 | . 03738 | . 03421 | . 03137 |
| 5 | . 07677 | . 06928 | .06265 | . 05677 | . 05156 | . 04692 | . 04279 | . 03911 | 03583 | . 03289 |
| 7. | . 07958 | . 07201 | . 06521 | . 05918 | .05381 | . 04903 | . 04477 | . 04097 | . 03757 | . 03453 |
| 8. | nepra | 07489 | . 06792 | .06172 | . 05621 | . 05125 | . 046039 | . 04297 | . 03945 | .c3630 |
| 9 ...............--........ | .09597 | . 07794 | . 07079 | . 05443 | . 05876 | .05370 | .04917 | . 04511 | . 04148 | . 03821 |
| 10 | . 08936 | . 08115 | .07383 | . 06730 | . 06147 | 05625 | . 05159 | . 04741 | . 04365 | . 04027 |
| 11 | . 09293 | . 08453 | . 07704 | . 07035 | . 06436 | . 05900 | . 05419 | 04988 | . 04599 | . 04250 |
| $12 .$. | .09666 | . 08807 | . 08040 | . 07354 | . 06739 | . 06188 | . 05693 | .05248 | . 04847 | . 04486 |
| 13 | . 10049 | . 09172 | . 08387 | .07684 | .07053 | .06487 | . 05977 | 05518 | . 05104 | . 64731 |
| 14 | . 10437 | . 09541 | . 05738 | .08017 | . 07370 | .06788 | .06263 | . 05791 | . 05364 | . 04978 |
| 15 | .10827 | .09912 | . 09090 | .08352 | .07688 | . 07090 | . 06551 | . 06064 | .05623 | .05225 |
| 16 | . 11220 | .10285 | . 09445 | . 09689 | . 08008 | . 07394 | . 06839 | .06337 | . 05883 | . 05472 |
| 17 | . 11615 | . 10661 | . 09802 | . 09028 | . 08330 | . 07699 | . 07129 | . 06612 | . 06144 | . 05719 |
| 18 | . 12017 | .19043 | . 10165 | . 00373 | . 08655 | . 08009 | .07422 | .06e90 | . 06408 | . 05969 |
| 19 | . 22428 | 11434 | . 10537 | . 09725 | . 08992 | .08327 | . 07724 | . 07177 | . 06679 | . 06226 |
| 20 | . 12850 | . 11836 | . 10919 | . 10089 | . 09337 | 08654 | . 08035 | . 07471 | . 06959 | . 06492 |
| 21 | . 13282 | . 12248 | . 11311 | . 10462 | . 09692 | . 08997 | .08355 | .07775 | . 07247 | . 06765 |
| 22 | . 13728 | . 12673 | . 11717 | . 10848 | . 10059 | . 09331 | . 08686 | . 08090 | . 07546 | . 07049 |
| 23 | . 14188 | . 13113 | . 12136 | . 11248 | . 10440 | . 09703 | . 09032 | . 08418 | . 07858 | . 07345 |
| 24 | . 14667 | . 13572 | . 12575 | . 11667 | . 10839 | .10094 | . 09395 | . 09764 | . 08187 | . 07659 |
| 25 | . 15167 | . 14051 | . 13034 | . 12105 | . 11259 | . 10486 | . 09778 | . 09130 | . 08536 | . 07991 |
| 26 | . 15690 | . 14554 | .135:7 | . 12569 | . 11703 | . 10910 | . 10184 | . 09518 | .08907 | . 08346 |
| 27 | . 16237 | . 15081 | . 14024 | . 13056 | . 12171 | . 11359 | . 10614 | . 09930 | . 09302 | .06724 |
| 20 | . 18808 | . 15633 | .14555 | . 13567 | . 12662 | .17831 | .11068 | . 10366 | . 09720 | 09125 |
| 29 | . 17404 | . 16208 | . 15110 | . 14104 | . 13179 | . 12329 | . 11547 | . 10827 | . 10163 | .09551 |
| 30 | . 18025 | . 16808 | . 15692 | . 14665 | . 13721 | . 2852 | . 12051 | 11313 | . 10631 | . 10002 |
| 31 | . 18672 | . 17436 | . 16300 | . 15255 | . 9429 | . 13403 | .12584 | . 11627 | . 11127 | 10480 |
| 32 | 19344 | . 30090 | . 16935 | . 15870 | . 14888 | . 13980 | - 13142 | . 12367 | . 11650 | . 10985 |
| 33 | . 20044 | . 18772 | . 17598 | . 16514 | . 15513 | . 14587 | . 13730 | . 12936 | . 12201 | . 11519 |
| $34 . . . . . . . . . . . . . . . . . . . . . . . ~$ | . 20770 | . 19480 | . 18287 | . 17185 | . 16165 | . 15221 | . 14345 | . 13533 | . 12780 | . 12080 |

Table S.-Based on life Table 80CNSMT Single life Remainder Factors--Continued
[Ppplicable ater Aprí 30, 1989 )

| Age | inerest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | -4.2\% | 4.4\% | 4.5\% | . $4.8 \%$ | 5.0\% | 52\% | 5.4\% | 5.6\% | 5.6\% | 6.0\% |
| 35 :................ | 21522 | . 20215 | . 19005 | 17884 | . 16846 | . 15883 | . 14989 | . 14159 | . 13388 | .12670 |
| 36 | 22299 | 20974 | . 19747 | . 18009 | . 17552 | . 16571 | . 15660 | . 14812 | . 14022 | 13287 |
|  | .23707 | 21760 | . 20516 | . 19360 | 18286 | . 17288 | .16358 | . 15492 | . 14685 | . 13933 |
|  | . 23928 | . 22572 | . 21311 | . 20139 | 19048 | . 18032 | 17095 | . 86201 | . 15377 | . 14607 |
|  | 24180 | 23409 | .22133 | 20945 | 19937 | .18804 | .17840 | . 16539 | . 16097 | . 15310 |
| 40 | 25658 | . 24273 | 22982 | 21778 | 20654 | . 19605 | . 18674 | . 17706 | .16847 | . 16043 |
| 41 | -26560 | . 25163 | 23858 | 22639 | 21499 | . 20434 | .19436 | . 19502 | . 17627 | 16806 |
| 42 | 27486 | . 26076 | . 24758 | 23525 | 22370 | 21269 | 20276 | . 19326 | . 18434 | . 17597 |
| 43 | -28435 | . 27013 | 25603 | 24436 | 23288 | 22172 | . 21143 | 20177 | . 98270 | . 18416 |
|  | . 29407 | 27975 | 26633 | . 25373 | 24191 | .23091 | . 22038 | 21057 | 20134 | . 19265 |
| 45 | . 30402 | . 28961 | 27608 | . 26337 | . 25142 | 24019 | 28902 | . 21956 | . 21028 | . 20144 |
| 46 | . 31420 | 29970 | .28608 | . 27326 | 26120 | 24983 | 23913 | 22934 | 21951 | 21053 |
| 47 | . 32460 | 31004 | . 29632 | 28341 | 27123 | 25975 | . 24692 | 23870 | .29904 | . 21991 |
| 48 | 33524 | . 32058 | ,30679 | 29379 | . 28151 | 26992 | 25897 | . 24862 | 23883 | 22957 |
| 49 | . 34599 | . 33132 | . 31746 | . 30438 | . 29201 | 28032 | 26926 | . 25879 | . 24888 | 23949 |
| 50 | . 35695 | . 34224 | . 32833 | . 31518 | . 30273 | 29094 | .27978 | . 26921 | . 25916 | 24966 |
| 51 | . 36609 | . 35335 | . 33940 | . 37619 | . 31367 | . 30180 | . 29055 | 27987 | . 26973 | 26010 |
| 52 | . 37544 | \% 3468 | . 35070 | . 33744 | . 32486 | . 31292 | 330158 | 29001 | . 28057 | . 27083 |
| 53 | . 39098 | . 37622 | . 36272 | . 34892 | . 33629 | . 32429 | 31288 | . 30203 | . 29170 | 28185 |
| 54. | . 40269 | 38794 | . 37393 | . 36062 | . 34795 | . 33490 | . 32442 | 31349 | -30308 | . 29316 |
| 55 | . 41457 | . 39965 | . 38595 | . 37252 | . 35993 | . 34774 | . 33621 | 32522 | . 31474 | . 30473 |
| 56 | . 42662 | 41194 | . 39796 | . 38464 | . 37193 | . 35981 | . 34824 | . 33720 | . 32665 | . 31658 |
| 57 | .43884 | . 42422 | . 41023 | . 39697 | . 38426 | . 37213 | 36053 | . 34945 | . 33885 | . 32872 |
| 58 | . 45123 | . 43668 | . 42279 | . 40951 | .39682 | .38468 | . 37307 | . 36196 | . 35132 | . 34114 |
| 69 | . 46377 | . 44931 | . 43547 | $\therefore .42224$ | . 40958 | . 39745 | .38584 | .37474 | 36405 | . 36363 |
| 60 | . 47643 | . 46206 | . 44830 | 43513 | . 42250 | . 41040 | 39880 | . 38767 | . 37699 | . 36674 |
| 61 | . 48916 | . 47491 | . 46124 | . 44814 | . 43556 | . 42350 | . 41192 | . 40080 | . 39012 | . 37985 |
| 62 | . 50196 | . 48783 | 47427 | 46124 | . 44874 | 43672 | . 42516 | . 41408 | . 40340 | . 39314 |
| 63. | .51480 | . 50081 | . 48736 | . 47444 | .40201 | 45006 | . 43856 | -. 42749 | . 41684 | . 40658 |
| 64 | . 52770 | 51386 | . 50054 | .4B773 | . 47540 | . 46352 | 45208 | 44105 | . 43043 | . 42019 |
| 65 | . 54069 | 52701 | .51384 | . 50115 | . 48892 | . 47713 | . 46577 | . 45480 | . 44422 | . 43401 |
| 65 | . 55378 | . 54029 | . 62727 | . 51472 | . 50762 | . 49093 | . 47965 | 46876 | csiend | .41808 |
| 67 | . 56697 | 55368 | . 54084 | . 52345 | .51648 | . 50491 | . 49373 | . 48293 | . 47248 | . 46238 |
|  | . 58026. | .56717 | . 55453 | . 54231 | . 53049 | . 51005 | . 50800 | .49729 | . 48694 | . 47681 |
| 69 | . 59358 | . 58072 | . 56828 | . 55634 | . 54459 | . 53330 | . 52338 | . 51179 | . 50154 | . 49160 |
| 70 | . 60689 | . 59427 | . 58205 | . 57021 | . 55874 | . 54762 | . 53683 | . 52638 | . 51624 | . 50641 |
| 71 | 62014 | . 60778 | . 59578 | . 58415 | . 57287 | 56193 | 55131 | . 54100 | .53099 | . $52+26$ |
| 72 | . 63334 | . 62123 | .6094a | . 59808 | .68700 | .57624 | 56579 | .55563 | .54577 | . 53677 |
| 73 | . 64643 | . 63465 | . 62315 | . 61198 | . 60112 | . 59056 | . 58029 | . 57030 | . 56059 | . 55113 |
| 74 | . 65961 | . 64806 | . 63682 | 62590 | . 61527 | .60492 | . 59485 | . 58504 | . 57550 | . 56520 |
| 75 | 67274 | . 66149 | . 65054 | . 63987 | .62948 | . 61936 | . 60950 | . 59990 | . 59053 | . 58140 |
| 76 | 68599 | . 67485 | . 66429 | . 65390 | . 64377 | . 63390 | . 62427 | . 61487 | . 60570 | . 59676 |
| 77 | .89903 | .63841 | . 67806 | .66796 | .65814 | . 64849 | .63910 | . 62993 | .62097 | . 6123 |
| 78 | 71209 | . 70182 | . 69179 | . 68199 | .67242 | . 66307 | . 65393 | .64501 | 63628 | . 62775 |
| 79 | . 72500 | 71507 | . 70537 | . 69588 | . 68560 | .67754 | .66867 | . 65999 | .65:51 | . 64321 |
| 80 | - 73768 | . 72809 | . 71872 | . 70955 | .70058 | . 65180 | . 63320 | . 67479 | . 56055 | . 65849 |
| 81. | 75001 | . 74077 | . 73173 | . 72288 | . 71422 | . 70573 | .6074 | .c8920 | .83t28 | . 67345 |
| 82 | . 76195 | .75306 | . 74435 | . 73582 | . 72746 | . 71926 | . 71123 | . 70335 | . 89562 | . 68804 |
| 83 | . 77346 | . 76491 | . 75654 | . 74832 | . 74026 | . 73236 | . 72460 | . 71699 | . 70952 | .70219 |
| 84 | .78456 | . 77636 | . 76839 | 76041 | . 75265 | . 74503 | . 73756 | . 73029 | . 72300 | .71592 |
| 85 | 79530 | 78743 | . 77971 | .77212 | . 76466 | . 75733 | .75014 | . 74305 | . 73511 | .72928 |
| 86 | 80560 | -. 79806 | . 79065 | .78337 | . 77621 | . 76917 | . 76225 | . 75544 | . 74875 | . 74216 |
| 87 | . 31535 | . 80813 | .00103 | . 39404 | .78717 | . 78041 | . 77375 | . 75720 | . 76076 | . 75442 |
| 28 | . 82462 | . 81771. | . 81090 | . 80420 | . 79760 | . 79111 | 78472 | . 77842 | .77223 | . 76612 |
| 89 | . 23356 | B2694 | .82943 | . 81401 | . 80769 | . 80147 | . 79533 | . 78929 | . 78334 | . 77747 |
| 90 | . 84225 | . 83593 | . 82971 | . 82357 | . 81753 | . 81157 | . 80570 | . 79991 | . 79420 | .78857 |
| 91 | . 850558 | . 54455 | . 83861 | .83276 | . 82698 | . 82129 | . 81567 | . 81013 | . 80465 | . 79927 |
| 92 | . 85838 | . 85263 | . 84696 | . 84137 | . 83595 | . 83040 | .82503 | . 81973 | . 81449 | . 80933 |
| 93 | . 86557 | .86009 | . 85467 | .84932 | . 04405 | . 03084 | . 83370 | . 82888 | . 82360 | . 81865 |
| 94 | .87212 | . 26687 | .88169 | .85657 | . 85152 | . 84653 | . 84160 | . 83673 | . 83192 | . 22717 |
| 95 | .87807 | .87298 | . 86801 | . 86310 | . 85825 | . 65345 | . 48872 | . 84404 | . 83941 | . 83484 |
| 96 | .80328 | 8783a | .87360 | . 86088 | . 86420 | . 85959 | . 85502 | . 85051 | . 86605 | . 64165 |
| 97 | .88795 | . 88338 | . 87867 | . 87411 | . 86961 | . 86515 | . 868074 | . 85639 | .85208 | .847e2 |
| 98 | . 99220 | . 88769 | .83323 | . 87883 | . 87447 | . 87016 | . 86589 | . 86167 | .85750 | .85337 |
| 99 | . 89612 | . 89176 | .88745 | .88318 | .87895 | .87478 | .87064 | . 86656 | . 85251 | . 85850 |
| 100 | . 89977 | . 89555 | . 89136 | . 88722 | .883:3 | . 67900 | . 87506 | . 87109 | . 86716 | . 85327 |
| 101 | . 90326 | . 89917 | . 89511 | . 89710 | .88712 | . 88318 | . 87829 | . 87543 | . 8761 | . 89783 |
| 102. | . 90690 | . 50294 | .89901 | . 83513 | . 89128 | . 88746 | 89369 | . 87995 | . 07624 | .87257 |
| 103 ...-.... | . 91076 | . 90684 | .90315 | . 89940 | . 89569 | . 69200 | . 88835 | . 88474 | .88116 | .87703 |

Table S.-Based on life Table bocnsmt Singie Lfe Remainder factors-Continued
[Applicatse atior April 30, 198s]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4.2\% | 4.4\% | 4.6\% | 4.8\% | 5.0\% | 5.2\% | 5.4\% | 5.6\% | 5.8\% | 6.0\% |
| 104 .-................. | . 91504 | .91138 | . 90775 | .90415 | .90058 | . 89704 | . 89354 | . 89000 | .89661 | .88319 |
| $105 . . . . . . . . . . . . . . . . . . . . ~$ | . 92027 | . 91681 | .91337 | . 90996 | .90658 | .90332 | . 89969 | . 89659 | . 89331 | . 890005 |
| 106 ..................... | . 92763 | . 92445 | . 92130 | . 91816 | . 91506 | . 91197 | . 90890 | . 90586 | . 90284 | . 89983 |
| 107 ..................... | . 93799 | .93523 | . 93249 | . 92977 | . 92707 | . 92438 | . 92170 | . 91905 | . 91841 | . 91378 |
| 108 : | 95429 | 95223 | . 95018 | . 94814 | . 94671 | . 94409 | . 94208 | . 94008 | . 83809 | . 93615 |
| 109 ..................... | . 97985 | . 97893 | .97807 | . 97710 | . 97619 | . 97529 | . 97438 | . 97348 | . 97259 | . 97170 |

Table S.-Báseo on life table 80Cnsmt Single life Remainder Factors
[Apolicable ather April 30, 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6.2\% | 6.4\% | 6.6\% | 6.8\% | 7.0\% | 7.2\% | 7.4\% | 7.6\% | 7.8\% | 80\% |
| 0 | .03535 | .03349 | . 03163 | . 03035 | . 02902 | . 02783 | . 02676 | . 02579 | 02492 | . 02413 |
| 1. | . 02486 | . 02292 | .02119 | . 01963 | .01824 | . 01699 | . 01587 | . 01486 | . 01395 | . 01312 |
| 2 | . 02547 | . 023345 | . 02164 | . 02002 | . 01257 | .01727 | .01689 | . 01504 | . 01408 | . 01321 |
| 3 | . 22640 | . 02429 | . 02241 | . 02073 | . 01924 | .01785 | . 01662 | . 01552 | . 01451 | . 01361 |
| 4. | . 02753 | . 02535 | . 02339 | . 02163 | . 02005 | . 01863 | . 01735 | . 01639 | 01514 | . 01418 |
| 5 ........................ | . 02683 | . 02655 | . 02453 | . 02269 | . 02105 | . 01956 | . 01822 | . 01700 | . 01590 | . 01490 |
| 6 | . 03026 | . 02790 | . 02578 | . 02387 | . 02215 | . 02060 | .01919 | . 01792 | .01677 | $\cdot .01572$ |
| 7 | . 03180 | . 02935 | . 02714 | . 025215 | . 02336 | . 02174 | . 02027 | . 01894 | 01773 | . 01664 |
| 8 .-................... | . 03347 | .03692 | . 02863 | . 02656 | . 02469 | . 02300 | .02145 | . 02007 | 01831 | . 01766 |
|  | .03528 | . 03263 | . 03025 | . 02810 | . 02615 | .02438 | . 02278 | . 02133 | . 02000 | . 01880 |
| 10 | . 03723 | . 03449 | . 03201 | .02977 | . 02774 | . 02590 | . 02423 | . 02271 | . 2123 | .02006 |
| 11 | . 03835 | . 03650 | . 03393 | . 03160 | . 02949 | .02757 | .02593 | . 02424 | . 02279 | . 02147 |
| 12 | . 04150 | .03865 | . 03598 | . 03356 | .03136 | .02936 | . 02755 | . 02589 | .02430 | .02299 |
| 13 | . 04394 | . 04088 | . 03817 | .03560 | .03331 | . 03123 | . 02934 | . 02761 | . 02603 | .02458 |
| 14 | . 04629 | . 04312 | . 04025 | . 03764 | . 03527 | . 03311 | . 03113 | . 02933 | . 02758 | 02617 |
| 15. | . 048084 | . 04536 | . 04238 | . 03958 | . 03721 | . 03496 | . 03290 | . 03103 | . 02930 | . 02773 |
| 16 | . 05099 | .04759 | . 04451 | . 04170 | . 03913 | . 03679 | . 03486 | . 03270 | -. 03090 | .02926 |
| 17 | . 05333 | . 04982 | . 04652 | . 04370 | . 04104 | . 03361 | .03638 | . 03434 | . 03247 | . 03075 |
| 18 | . 055570 | . 05207 | . 04875 | . 04573 | . 04296 | . 04044 | . 03812 | . 03599 | . 03404 | . 03225 |
| 19 | OS814 | .05439 | . 05095 | .04781 | .04494 | . 04231 | . 03390 | . 03769 | . 03565 | . 03378 |
| 20. | . 06065 | 05677 | .05321 | . 04996 | .04698 | . 04424 | . 04173 | . 03943 | . 03731 | . 03535 |
| 21 | . 06325 | -05922 | . 05555 | . 05217 | . 04907 | . 04623 | . 04362 | . 04122 | . 03901 | . 03697 |
| 22 | . 065594 | . 06178 | 05797 | . 05447 | . 05126 | . 046331 | . 04559 | . 04309 | . 04078 | . 03865 |
| 23 | . 06876 | . 06446 | 06051 | .05683 | . 05355 | 05048 | . 04786 | . 04505 | . 04265 | .04042 |
| 24 | .07174 | . 06729 | . 06321 | . 05945 | . 05599 | . 05781 | . 04988 | .04725 | 04465 | 04233 |
| 25 | . 07491 | . 07031 | . 06609 | . 06219 | . 05861 | .05530 | . 05224 | . 04941 | . 04680 | .04438 |
| 26 | . 07830 | .07355 | 06918 | . 05515 | . 06142 | . 05799 | .05481 | . 05187 | . 04915 | -0662 |
| 27 | .08192 | . 07702 | . 07250 | .06632 | . 05448 | . 050990 | . 05759 | .05454 | 05170 | . 04906 |
| 28 | .08577 | . 03071 | . 07603 | .07171 | . 05772 | . 06402 | . 06059 | . 05740 | . 05445 | . 05170 |
| 29 | .08986 | .08454 | '.07981 | . 07534 | .07120 | .06736 | . 06350 | . 06649 | . 05742 | .05456 |
| 30 | . 09420 | .03882 | .08383 | . 07921 | . 07492 | . 67095 | . 06725 | . 05381 | .68061 | . 05763 |
| 31. | . 09881 | . 093327 | .08812 | .08335 | . 07891 | . 07479 | . 07095 | . 06738 | 06405 | .D6095 |
| 32 | . 10369 | . 09797 | . 09267 | . 08774 | .08315 | .07888 | . 07491 | . 07120 | . 06774 | .06451 |
| 33 | . 10885 | . 10297 | . 09750 | .09241 | .08767 | . 08325 | . 07913 | . 07529 | . 07170 | . 06834 |
| 34 | . 11430 | . 10824 | . 10261 | . 09736 | 08245 | .08790 | .09363 | . 07964 | . 07592 | . 07243 |
| 35 | . 12002 | .11380 | .10800 | . 10259 | .09754 | . 09282 | .0884 | . 03428 | .08041 | .07679 |
| 36 | . 12602 | . 11963 | . 11366 | .10809 | .10289 | . 09800 | . 09344 | . 08917 | . 08516 | . 08140 |
| 37 | . 13230 | . 12574 | . 11961 | . 11387 | .10850 | . 10347 | . 09876 | . 09633 | . 03018 | 08628 |
| 38 | . 13687 | .13214 | . 12584 | . 11994 | . 11441 | . 10922 | . 10435 | .09978 | . 09549 | 09145 |
| 39 | . 14573 | . 13883 | . 13237 | . 12630 | . 12061 | . 11527 | . 11025 | . 10553 | . 30109 | 09690 |
| 40 | . 15290 | . 14583 | . 13920 | . 13297 | . 12712 | . 12162 | . 11644 | . 11457 | . 12698 | 10265 |
| 41 | . 16036 | . 15312 | . 14633 | . 13994 | . 13393 | -12827 | . 12294 | . 31792 | . 11318 | . 10871 |
| 42 | . 16810 | . 16071 | . 15375 | . 14720 | . 14103 | . 13522 | . 12973 | . 12456 | . 11967 | . 11505 |
| 43 | . 17614 | . 16858 | .46146 | . 15475 | . 14842 | . 14245 | . 13682 | . 13149 | . 12645 | .12169 |
| 44 | . 19447 | . 17675 | . 16948 | . 16261 | . 15613 | . 15000 | .14421 | . 13873 | . 13355 | .12064 |
| 45 | . 19310 | . 18524 | . 17780 | . 17078 | . 16414 | . 15787 | . 15152 | . 14630 | . 14096 | . 13591 |
| 46 | 20204 | . 19452 | .18644 | $: 17926$ | . 17247 | . 16504 | . 15995 | . 15418 | . 14870 | . 14350 |
| 47 | 21128 | .20311 | . 19538 | . 18806 | . 18112 | . 17454 | . 16830 | . 16238 | . 15676 | .15141 |
| 48 | 22040 | 21249 | . 20462 | . 19716 | . 19007 | . 18335 | . 17696 | . 17090 | . 16513 | .15964 |
| 49 | 23059 | 32214 | .214i3 | 20653 | . 19930 | . 19244 | . 18591 | .17970 | . 17379 | .16816 |
| 50 | . 24063 | . 23206 | .2239\% | . 21617 | . 2088 r | . 20180 | . 19514 | . 18879 | . 18274 | .7697 |
| 51 | 25095 | . 24225 | 23398 | 22610 | . 21861 | 21147 | 30456 | . 19898 | . 19199 | .18609 |
| 52 | 26157 | 25275 | . 24436 | 23636 | . 22874 | 22147 | . 21453 | 20791 | . 20159 | .19556 |
| 53 | . 27249 | 26357 | 25505 | .24694 | . 23919 | . 23180 | .2247a | . 21799 | 2:154 | 20537 |

Table S.-Based on life Table bocnsmt single Lute Remainder Factors-Continued
[Apdicable aner Aptil 10, 1989]

| Age | Interest rate |  |  |  |  |  | 7.4\% |  |  | 8.0\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6.2\% | 6.4\% | 6.6\% | 6.8\% | 7.0\% | 72\% |  | 7.6\% | 7.8\% |  |
|  | 28369 | 274 ¢̈6 | 26604 | . 25782 | -24995 | 24244 | 23526 | 22839 | . 22181 | . 21552 |
| 55 | 29516 | 28605 | -27734 | 26900 | 26103 | 25341 | . 24611 | 23912 | . 23243 | 22601 |
| 56 | 30695 | 29774 | 28993 | 28050 | . 27242 | 26469 | . 25728 | 25019 | . 24338 | . 23645 |
|  | . 31902 | . 30973 | . 30064 | . 29732 | 28415 | . 27532 | . 26881 | 26161 | . 25469 | 24805 |
| 58 | . 31138 | . 32203 | 31306 | . 30446 | 20621 | . 288829 | 28069 | 27339 | -26637 | 25962 |
|  | . 34402 | 33461 | . 3258 | .3169 | . 30059 | . 30059 | . 29290 | 28550 | 27839 | 27155 |
|  | . 35690 | . 34745 | . 33836 | . 32963 | . 32124 | . 31317 | . 30540 | . 99792 | 29073 | 28379 |
| 61 | . 36999 | . 36050 | . 35137 | . 34259 | . 33414 | . 32501 | . 31817 | . 31062 | 30334 | 29633 |
| 62 | . 38325 | . 37374 | . 36458 | . 35576 | . 34726 | . 33907 | 33117 | . 32356 | 31621 | . 30912 |
| 63 | . 39669 | .38717 | . 37799 | . 36913 | . 36060 | . 35236 | . 34441 | 33674 | -32933 | . 32217 |
|  | 4:031 | . 40078 | 39159 | . 38272 | . 37415 | -36588 | . 35789 | . 35016 | . 34270 | . 33546 |
| 65 | .42416 | . 41464 | . 40545 | 39656 | . 38798 | . 37968 | . 37166 | . 36390 | . 35639 | . 34972 |
|  | . 43025 | . 42876 | . 41958 | . 41070 | . 40211 | . 39380 | . 38576 | . 37797 | 37043 | . 36312 |
| 67 | . 45260 | . 44315 | . 43399 | .425:3 | . 41655 | . 40324 | . 40019 | 39238 | . 39482 | . 37749 |
| 6B | . 45720 | 45779 | . 44868 | 43985 | 43129 | . 42299 | .41494 | . 40713 | . 39956 | . 39221 |
| 69 | 48197 | . 47263 | 46357 | .45479 | . 44625 | . 43798 | . 42995 | .42215 | . 41450 | 40722 |
| 70. | .49686 | .48760 | .47861 | 46988 | . 46849 | . 45316 | . 44516 | . 43738 | .42983 | . 42248 |
| 71 | . 51182 | 50265 | . 49374 | 48508 | .47666 | . 46847 | . 46051 | . 45276 | . 44523 | . 43790 |
| 72 | . 52685 | 51778 | .50896 | 50038 | .49203 | 48990 | . 47599 | 46829 | . 46079 | . 45349 |
| 73 | . 54194 | . 53298 | . 52426 | 51578 | . 50751 | . 49946 | 49161 | . 48397 | . 47652 | . 46926 |
| 74 | 55714 | . 541832 | . 53972 | .53134 | .52317 | . 51520 | . 50744 | 49966 | . 49247 | . 48627 |
| 75 | . 57250 | .56382 | . 55536 | 54710 | 53904 | . 53118 | . 52351 | .51601 | .50870 | . 50156 |
|  | . 58803 | . 57951 | . 57120 | 56308 | . 55515 | . 54740 | . 53394 | . 53245 | . 52522 | -51817 |
| 77 | .60369 | 59535 | . 59720 | . 57923 | . 57144 | . 563383 | . 55639 | . 54912 | . 54200 | .53504 |
| 78. | . 61942 | . 61126 | . 60329 | 59549 | . 58787 | . 58040 | . 57310 | .56596 | . 55896 | . 55212 |
| 79 | . 63508 | . 62713 | . 61935 | . B 1174 | .60428 | 59698 | .58309 | .58203 | . 57597 | . 56925 |
| 80 | . 65059 | . 64285 | . 63577 | . 62785 | . 62058 | . 61345 | . 60946 | . 59961 | . 59290 | . 59632 |
| B1 | . 66579 | 65827 | .65090 | . 64368 | . 63659 | . 62965 | . 62283 | 61615 | . 60959 | .60376 |
| 62 | .68061 | . 67332 | .68616 | .05914 | .65225 | .64550 | . 638986 | . 63235 | . 62595 | . 61968 |
| 83 | . 69499 | ,68793 | 68099 | . 67418 | .66749 | . 66092 | -65447 | . 64813 | . 64191 | . 63579 |
| 84 | . 70896 | . 70213 | .69541 | 69881 | .68233 | -67595 | . 66969 | . 66353 | . 65748 | 65153 |
| 85. | . 72256 | . 71596 | . 76947 | . 70308 | 69681 | .69063 | .68456 | . 67859 | . 67271 | 66693 |
| 86 | . 73569 | . 72931 | . 72305 | . 71688 | 71081 | .70484 | . 69896 | .69318 | .68748 | .58789 |
| 87 | . 74818 | .74204 | 73599 | . 73003 | .72417 | .71839 | . 71271 | . 70711 | 70159 | . 69616 |
| 88 | .76011 | . 75419 | . 74836 | . 74261 | . 73695 | . 73137 | . 72588 | . 72046 | . 71572 | . 70900 |
| 69 | . 77169 | . 76599 | . 76037 | . 75484 | 74938 | . 74400 | . 73870 | . 73347 | .72831 | . 72323 |
| cr | . 78302 | . 77755 | . 77215 | .766.83 | .76158 | . 75640 | . 75129 | . 74625 | .74128 | . 73638 |
| $\$ 1$ | . 79395 | . 78870 | . 78352 | .77847 | . 77337 | . 76840 | .76349 | .75864 | . 75385 | . 74913 |
| 5 | . 80423 | . 79920 | . 79423 | . 78933 | . 78449 | . 77971 | . 77499 | . 77033 | . 76572 | . 76118 |
| 93 | . 81377 | . 80894 | .80497 | . 79946 | . 79431 | . 79022 | . 78568 | .78120 | .77677 | . 77239 |
| 94 | . 02024 | .81784 | . 81325 | . 80873 | . 80425 | .79983 | . 79547 | . 79115 | .78688 | . 78266 |
| 95 | . 83033 | 82586 | . 82145 | . 81709 | . 81278 | .80852 | . 80431 | . 80014 | . 78602 | . 79195 |
| 95 | .83729 | . 33798 | . 82872 | . 82451 | . 82034 | . 81622 | 81215 | . 80812 | . 80414 | .80019 |
| 97. | . 84361 | 83944 | . 83532 | . 83124 | . 82721 | . 82322 | . 81927 | 81537 | . 81151 | . 80769 |
| 98. | . 84979 | . 45525 | . 84126 | . 83730 | . 83339 | . 82952 | .82569 | 82190 | . 81815 | 81443 |
| 99 | .85454 | 85052 | . 84674 | .84290 | . 83910 | .83534 | . 83161 | . 82792 | .82427 | . 82066 |
| 100 | . 85942 | B5551 | . 85184 | . 84610 | . 84440 | 84074 | .83711 | . 83352 | .83997 | . 82844 |
| 101 | -B6406 | . 86037 | . 85670 | . 85306 | . 64946 | 84589 | . 84236 | . 83886 | .23539 | . 83196 |
| 102 | . 86894 | .86534 | . 86177 | . 85823 | . 85473 | . 85126 | . 84782 | 84442 | . 84104 | . 83770 |
| 103. | . 87408 | . 87050 | .86714 | ,8637: | ,86032 | . 85695 | . 85362 | . 85031 | . 84703 | 84378 |
| 104 | . 87980 | 87644 | . 87311 | . 86580 | . 86653 | . 96328 | . 86005 | . 85586 | . 85369 | 85054 |
| 105. | .88684. | .88363 | .88046 | . 87731 | . 87418 | . 87108 | .86800 | . 86494 | . 88191 | . 85890 |
| 106 | . 89685 | . 89389 | .89095 | .68804 | .88514 | . 28226 | . 87940 | . 87656 | .87374 | .87094 |
| 107 | . 91117 | .90858 | . 90600 | . 90344 | .90089 | . 99836 | . 89594 | . 89334 | .89085 | . 88838 |
| 108 | . 93414 | 93217 | . 93022 | . 92828 | . 92634 | . 92442 | . 92250 | . 92060 | . 91870 | . 91681 |
| 109 ..................... | . 97081 | . 96992 | . 96904 | . 95816 | . 96729 | . 96642 | . 96555 | . 96468 | . 90382 | . 96.296 |

Table S.-Based on life Table bocnsmt Single life Remainder factors
|Applicable atter Aptil 30, 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8.2\% | 6.4\% | 8.6\% | E. $8 \%$ | 9.0\% | 9.2\% | 9.4\% | 9.6\% | 9.8\% | 10.0\% |
| 0. | . 02341 | .02276 | .02217 | . 02163 | . 02114 | . 02069 | . 02027 | . 01989 | .01954 | . 01922 |
| 1. | . 01237 | . 011170 | . 01108 | . 01052 | . 07000 | . 00953 | .00910 | . 00871 | . 00834 | . 00201 |
| 2 | .0.1243 | 01172 | .01107 | .01048 | .00994 | . 009944 | . 00899 | . 00857 | . 00819 | . 00784 |
| 3 .....un | .01278 | . 01203 | . 01135 | . 07073 | . 01016 | .00964 | . 00916 | . 00872 | .00832 | . 00795 |

Table S.-Based on Lfe Table 80CNSmT Single Ufe Remainoer Factors--Continued
[Applicabte atter Apri4 30, 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8.2\% | 8.4\% | 8.6\% | 8.8\% | 9.0\% | 9.2\% | 9.4\% | 9.6\% | 9.8\% | 10.0\% |
| 4 | . 01332 | . 01253 | . 01182 | . 01116 | . 01056 | . 01001 | . 00954 | . 00904 | . 00862 | . 00822 |
| 5 | . 01400 | . 01317 | - 0.01241 | . 01172 | . 01109 | . 01051 | . 00998 | . 00949 | . 00904 | 00862 |
| 6 | . 01477 | . 01390 | . 01310 | . 01238 | . 01171 | . 01110 | . 01054 | . 01002 | . 00954 | . 00910 |
| 7 | . 01563 | . 01472 | . 01389 | .07312 | . 01242 | . 01178 | . 01118 | . 01064 | . 01013 | . 00966 |
| 8 | . 01660 | . 01564 | . 01477 | . 01396 | . 01322 | . 01254 | . 01192 | . 01134 | . 01081 | 01031 |
| 9 | . 01770 | . 01669 | . 01577 | . 01492 | . 01414 | . 01342 | . 01276 | . 01216 | 04159 | . 01107 |
| 10 | . 01891 | . 01785 | . 01688 | . 01599 | . 01517 | . 01442 | . 01372 | . 01308 | . 01249 | . 0194 |
| 11 | . 02026 | . 01915 | . 01814 | . 01720 | . 01634 | . 01555 | . 01481 | . 01414 | . 01351 | 01293 |
| 12 | . 02173 | . 02056 | . 01950 | . 01852 | . 01761 | . 01678 | . 01601 | . 01529 | . 01463 | . 01402 |
| 13 | . 02326 | . 02204 | . 02092 | . 01989 | . 01895 | -01807 | . 01726 | . 01651 | . 01582 | . 01517 |
| 14 | . 02478 | . 02351 | . 02234 | . 02326 | . 02027 | . 01935 | . 01850 | . 01771 | . 01698 | . 01630 |
|  | . 02628 | . 02495 | . 02372 | . 02259 | . 02155 | . 02058 | . 01969 | . 01886 | . 01810 | . 01738 |
| 16 | . 02774 | . 02635 | . 02507 | . 02388 | . 02279 | . 02178 | . 02084 | . 01997 | . 01917 | 01842 |
| 17 | . 02917 | . 02772 | . 026337 | . 02513 | . 02399 | . 02293 | . 02194 | . 02103 | . 02018 | . 01940 |
| 18 | . 03059 | . 02907 | . 02767 | . 02637 | . 02517 | . 02406 | . 02302 | . 22207 | . 02118 | . 02035 |
| 19 | . 03205 | . 03046 | . 02899 | . 02763 | . 02637 | . 02521 | . 02412 | . 02312 | . 02218 | ". 02131 |
| 20 | . 03355 | . 03188 | . 03035 | . 2892 | . 02760 | . 026388 | . 02524 | ${ }^{2} .02419$ | . 02320 | .02229 |
| 21 | . 03509 | . 03334 | . 03173 | -03024 | . 02888 | . 02758 | . 02638 | . 02527 | . 22424 | . 02328 |
|  | . 03669 | . 03487 | . 03318 | . 03162 | . 03017 | . 02882 | . 02757 | . 026840 | . 02532 | . 02430 |
| 23 | . 03837 | - 03646 | . 03470 | . 03306 | . 03154 | . 03013 | . 02881 | . 02759 | :02644 | . 02538 |
| 24 | . 04018 | . 03819 | . 03634 | . 03463 | . 03303 | . 03155 | . 03016 | . 02888 | . 02767 | 2655 |
| 25 | . 04214 | . 04006 | . 03812 | . 03633 | . 03465 | . 03309 | . 03164 | . 03029 | . 02902 | . 02784 |
| 26 | . 04428 | . 04210 | . 04008 | . 03820 | . 03644 | . 03481 | . 03328 | . 03186 | . 03052 | - . 02928 |
| 27 | . 04662 | . 04434 | . 04223 | . 04025 | . 03841 | . 03670 | . 03509 | . 03360 | . 03219 | . 03088 |
| 28 .............-........ | . 04915 | . 04677 | . 04456 | . 04249 | . 04056 | . 03876 | . 03708 | . 03550 | . 03403 | . 03264 |
| 29 | . 05189 | . 04941 | .04709: | . 04493 | . 04291 | . 04102 | . 03925 | . 03760 | . 03604 | $\bigcirc .03458$ |
| 30 | . 05485 | . 05226 | . 04984 | . 04757 | . 04546 | . 04348 | . 04162 | . 03988 | . 03825 | . 03671 |
| 31 | . 05805 | .05535 | . 05282 | . 05045 | . 04824 | . 04616 | . 04421 | . 04238 | . 04067 | . 03905 |
| 32. | . 05149 | . 0586 | . 05603 | . 05336 | .05124 | . 04906 | . 04702 | . 04510 | . 04329 | 160 |
| 33 | . 06520 | . 06226 | . 05950 | . 05692 | . 05449 | . 05221 | . 05007 | . 04806 | . 04616 | . 04438 |
| 34 | . 06916 | . 06609 | . 06322 | . 06052 | . 05799 | . 05560 | . 05336 | . 05125 | . 04826 | . 04738 |
| 35 | . 07339 | . 07020 | . 06720 | . 06439 | . 066174 | 05925 | . 05690 | . 05469 | . 05260 | 05063 |
| 36 | . 07787 | . 07455 | . 07143 | . 06850 | . 06573 | . 06313 | . 06068 | . 05836 | . 05617 | . 05419 |
| 37 | . 08262 | . 07917 | . 07593 | . 07287 | .06999 | . 06727 | . 0647 | . 06228 | .05999 | . 05783 |
| 38 | . 08765 | . 08407 | . 08069 | . 07751 | . 07451 | . 07167 | . 06899 | . 06646 | . 06407 | . 06180 |
| 39 | . 09296 | . 08925 | . 08574 | . 08243 | . 07931 | . 07635 | . 07356 | . 07092 | . 06841 | . 06604 |
| 40 | . 09858 | . 09472 | . 09109 | . 08765 | . 08440 | . 08132 | . 07841 | . 07565 | . 07303 | . 07055 |
| 41 | . 10449 | . 10050 | . 09673 | . 09315 | . 08978 | . 08658 | . 08355 | . 08067 | . 07794 | . 07535 |
| 42 | . 11069 | . 10656 | . 10265 | . 09895 | . 09544 | . 09212 | . 08896 | . 08596 | . 08312 | . 08041 |
| 43. | . 11718 | . 11291 | . 10887 | . 10503 | . 10140 | . 09794 | . 09466 | . 09154 | . 08858 | . 08576 |
| 44 | . 12399 | . 11958 | . 11540 | . 11143 | . 10766 | . 10407 | . 10067 | . 09743 | . 09434 | . 09141 |
| 45 | . 13111 | . 12556 | . 12224 | . 11814 | . 11423 | . 11052 | . 10699 | . 10362 | . 10042 | . 09736 |
| 46 | . 13856 | .13387 | . 12941 | . 12516 | . 12113 | . 11728 | . 11362 | . 11013 | . 10680 | . 10363 |
| 47 | .14633 | . 14150 | . 13690 | . 13252 | . 12835 | . 12438 | . 12059 | . 11697 | . 11352 | . 11022 |
| 48 | . 15442 | . 14945 | . 14471 | -14020 | . 13589 | . 13179 | . 12787 | . 12412 | . 12055 | . 17713 |
| 49. | . 1628 | .15769 | . 15281 | . 14816 | . 1437 | . 13949 | . 13544 | . 13157 | . 12787 | . 72433 |
| 50 | . 17 | . 1662 | . 16121 | .15643 | . 15186 | . 14749 | . 14331 | . 13931 | . 13548 | . 13182 |
| 51 | . 18045 | . 17507 | . 16993 | . 16501 | . 16030 | . 15580 | . 15150 | . 14737 | . 14342 | . 13963 |
| 52 | . 18979 | . 18427 | . 17899 | . 17394 | . 15911 | . 16448 | . 16004 | . 15579 | . 15172 | . 14780 |
| 53 | . 19947 | . 19383 | . 18842 | . 18324 | . 17828 | . 17352 | . 16896 | . 16458 | . 16038 | . 15635 |
| 54 | . 20950 | 20372 | . 19819 | . 19288 | . 18779 | . 18291 | . 17822 | . 17372 | . 16940 | . 16524 |
| 55. | 21986 | . 21397 | . 20831 | . 20288 | . 19767 | . 19296 | . 18785 | . 18322 | . 17878 | . 17450 |
| 56. | 23058 | .22457 | 21879 | 21324 | . 20791 | . 20278 | . 19785 | . 19310 | . 18854 | . 18414 |
| 57 | 24167 | . 23554 | . 22965 | 22399 | 21854 | 21329 | . 20824 | 20338 | . 19870 | . 19419 |
| 58 | 25314 | . 24690 | 24090 | 23512 | 22956 | . 22420 | 21904 | 21407 | . 20927 | 20464 |
| 59 | 26497 | 25863 | 25252 | . 24664 | 24097 | . 23550 | . 23023 | 22515 | . 22024 | . 21551 |
| 60 | 27712 | 27068 | . 26448 | 25849 | . 25272 | 24716 | . 24178 | 23659 | . 23158 | 22674 |
| 61 | . 28956 | . 28304 | . 27674 | 27067 | 26480 | 25913 | 25366 | 24837 | 24325 | 23831 |
| 62 | . 30228 | 29567 | 28929 | . 28312 | -27717 | . 27141 | . 26584 | 26045 | 25524 | . 25020 |
| 63. | . 31525 | . 30857 | 30211 | . 29586 | . 28982 | . 28397 | . 27832 | 27284 | . 26754 | 26240 |
| 64 | . 32851 | . 32176 | . 31522 | . 30890 | . 30278 | 29685 | 29111 | . 28555 | . 28016 | . 27493 |
| 65 | . 34209 | . 33528 | . 32868 | . 32229 | 31610 | . 31010 | 30429 | . 29865 | . 29317 | 28787 |
| 66 | . 35604 | . 34978 | .34253 | . 33609 | .32983 | . 32377 | . 31788 | .31217 | . 30663 | . 30124 |
| 67. | . 37037 | . 36347 | . 35678 | . 35028 | . 34398 | . 33786 | . 33191 | . 32614 | .32053 | . 31508 |
| 68. | . 38508 | . 37815 | . 37142 | . 36489 | . 35854 | . 35237 | . 34638 | . 34055 | . 33488 | . 32937 |
| 69 | . 40008 | . 39313 | . 38638 | . 37982 | . 37344 | . 36724 | . 36120 | .35533 | . 34961 | . 34405 |
| 70 | . 41533 | . 40838 | . 40162 | . 39504 | . 38864 | . 38241 | . 37634 | . 37043 | . 36468 | . 35907 |
| 71 | . 43076 | . 42382 | . 47705 | . 41047 | . 40405 | . 39780 | . 39171 | . 38578 | . 38000 | . 37436 |
| 72 | . 44638 | . 43945 | . 43269 | . 42611 | . 41969 | . 41344 | . 40733 | . 40138 | . 39558 | . 38391 |

Table S.-Based on life Table bocnsmt Single life Remainder Factors-Continued
[Applicabte atier April 30, 1989).

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8.2\% | 8.4\% | 8.6\% | 8.8\% | 9.0\% | 9.2\% | 9.4\% | 9.6\% | 9.8\% | 10.0\% |
| 73 ...................... | .46218 | . 45527 | . 44854 | . 44197 | . 43556 | . 42931 | . 42321 | . 41725 | . 41143 | . 40575 |
| 74 | .47823 | . 47137 | . 46466 | . 45812 | .45173 | . 44549 | . 43940 | . 43345 | . 42763 | . 42195 |
| 75 | . 49459 | . 48777 | .48172 | . 47462 | . 46826 | . 46205 | . 45598 | . 45004 | . 44424 | . 43856 |
|  | . 51127 | . 50452 | . 49793 | .49148 | . 48517 | . 47900 | . 47297 | . 46706 | . 46129 | . 45563 |
|  | . 52823 | . 52157 | . 51505 | . 50867 | . 50243 | . 49632 | . 49033 | . 48447 | . 47873 | . 47311 |
| 78 | . 54541 | . 53885 | . 53242 | . 52613 | . 51996 | . 51392 | . 50800 | . 50220 | . 49652 | . 49094 |
|  | . 56267 | . 55621 | . 54989 | . 54369 | . 53762 | . 53166 | . 52582 | . 52009 | . 51448 | . 50897 |
| 80. | . 57987 | . 57354 | . 56733 | . 56125 | . 55527 | . 54941 | 54366 | . 53802 | . 53248 | . 52705 |
| 81 | . 59685 | . 59065 | . 58457 | . 57860 | . 57274 | . 56699 | . 56134 | . 55579 | . 55035 | . 54499 |
| $82 . . . . . . . . . . . . . . . . . . . . . . ~$ | . 61351 | . 60746 | . 60151 | . 59567 | . 58993 | . 58429 | . 57875 | . 57331 | . 56796 | -56270 |
| 83. | . 62978 | . 62387 | . 61806 | . 61236 | . 60675 | . 60123 | . 59581 | . 59047 | . 58523 | . 58007 |
| 84 | . 64567 | . 63992 | . 63426 | . 62869 | . 62321 | . 61783 | . 61253 | . 60731 | . 60218 | . 59713 |
| 85 | . 66125 | . 65565 | . 65014 | . 64472 | . 63938 | . 63413 | . 62896 | . 62387 | . 61886 | . 61392 |
| 66 | . 67636 | . 67092 | . 66557 | . 66030 | . 65511 | . 65000 | . 64496 | . 64000 | . 63511 | . 63030 |
| 17 | . 69081 | . 68554 | . 68034 | . 67522 | . 67018 | . 66520 | . 66031 | . 65548 | . 65071 | .64602 |
| 83. | .70468 | . 69957 | . 69453 | - 68959 | . 69466 | . 67983 | . 67507 | . 67037 | . 66574 | . 66117 |
| 63 | 71821 | . 71326 | . 70838 | . 70357 | . 69882 | . 69414 | . 68952 | . 68495 | . 68045 | . 67601 |
| c0 ....................... | . 73153 | . 72676 | . 72204 | . 71739 | . 71280 | .70827 | . 70379 | . 69938 | . 69502 | . 69071 |
| 91 | . 74447 | . 73986 | . 73532 | . 73083 | . 72640 | .72202 | . 77770 | . 71343 | . 70921 | . 70504 |
| S2 | . 75669 | . 75225 | . 74787 | . 74354 | . 73927 | 73504 | . 73087 | . 72674 | . 72267 | . 71864 |
| 53 | . 76807 | . 76379 | . 75957 | . 75540 | . 75127 | . 74719 | .74317 | . 73918 | . 73524 | .73135 |
| 94 | . 77849 | . 77437 | . 77030 | . 76627 | . 76229 | . 75835 | . 75446 | .75061 | . 74680 | . 74303 |
| 95. | .78792 | . 78394 | . 78001 | 77611 | .77226 | . 768845 | . 76468 | . 76096 | . 75727 | . 75362 |
| 96 | . 79630 | . 79244 | . 78863 | . 78485 | . 78112 | . 77742 | :77377 | . 77015 | . 76657 | . 76303 |
| 97 ........................ | . 80391 | -80016 | . 79646 | . 79280 | - . 78917 | . 78559 | . 78203 | . 77852 | . 77504 | . 77160 |
| 98 | . 81076 | . 80712 | . 80352 | . 79995 | . 79643 | .79294 | . 78948 | . 78606 | . 78267 | 77931 |
| 99 | . 81709 | . 81354 | . 81004 | . 80657 | . 80313 | . 79972 | . 79635 | . 79302 | . 78971 | 78644 |
| 100 | . 82296 | . 81950 | . 81609 | . 81270 | . 80934 | . 80602 | . 80273 | . 79947 | . 79634 | . 79304 |
| 101. | . 82885 | P2518 | . 82185 | . 81854 | . 81526 | 81201 | . 80880 | . 80561 | . 20245 | . 79932 |
| 102 ..................... | . 23438 | . 83110 | . 82785 | . 82452 | . 82142 | . 81826 | . $8: 512$ | . 81200 | . 80892 | . 80586 |
| 103 | . 84056 | . 83737 | 83420 | . 83106 | . 82795 | . 62487 | . 82181 | . 81878 | . 81577 | 81279 |
| 104 | . 84743 | . 84433 | . 84127 | .83822 | . 63521 | .83221 | . 82924 | . 82630 | .82338 | 82048 |
| 105 | . 85591 | . 85295 | . 85001 | . 84709 | . 84419 | . 84132 | . 83846 | . 83563 | . 83282 | 23003 |
| 106 | . 85816 | . 86540 | . 86266 | -25993 | . 85723 | . 85454 | . 85187 | . 84922 | . 84859 | . 84397 |
| 107 | . 88592 | . 88348 | . 88105 | . 87863 | . 87623 | 87384 | . 87147 | . 86911 | . 86676 | . 86443 |
| 108. ..................... | . 91493 | . 91306 | . 91119 | . 90934 | . 90749 | -90566 | . 90383 | . 90201 | . 900220 | . 89840 |
| 109 .................... | . 96211 | . 96125 | . 96041 | . 95956 | . 95872 | . 95788 | . 95704 | . 95620 | . 95537 | -95455 |

Table S--Based on life Table bocnsmt Single life Remainder factors
[Applicable atter April 30, 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10.2\% | 10.4\% | 10.6\% | 10.8\% | 11.0\% | 112\% | 11.4\% | 11.6\% | 11.8\% | 12.0\% |
| 0 | . 01891 | . 01864 | . 01838 | . 01814 | . 01791 | . 01770 | . 01750 | . 01732 | . 01715 | . 01698 |
| 1 | . 00770 | . 00741 | . 00715 | . 00690 | . 000667 | . 00646 | . 00526 | . 00608 | . 00590 | . 00574 |
| 2 | . 00751 | . 00721 | . 00659 | . 00657 | . 006643 | . 00620 | . 00600 | . 00580 | . 00562 | . 00544 |
| 3 | . 00760 | . 00728 | . 00699 | . 00671 | . 00646 | . 00622 | . 00660 | . 00579 | . 00560 | . 00541 |
| 4 | . 00786 | . 00752 | . 00721 | .00692 | . 00665 | .00639 | . 00616 | . 00594 | . 00573 | . 00554 |
| 5 | . 00824 | . 00788 | . 00755 | . 00724 | . 00695 | . 00668 | . 00643 | . 00620 | .00598 | . 00578 |
| 6...............- | . 00869 | . 00832 | . 00796 | . 00764 | . 00733 | . 00705 | . 00678 | . 00654 | . 006330 | .00608 |
| 7 | . 00923 | . 00883 | . 00846 | . 00811 | . 00779 | . 00749 | . 00720 | . 00694 | . 00669 | . 00644 |
| 8 | . 00985 | . 00943 | . 00904 | . 00867 | .00833 | . 00801 | .00771 | . 00743 | . 00716 | . 00692 |
|  | . 01059 | . 01014 | . 00972 | . 00933 | . 00897 | . 00863 | . 00831 | . 00801 | . 00773 | . 00747 |
| $10 . . . . . . . . . . . . . . . . . . . . . . ~$ | . 01142 | . 01095 | . 01051 | . 01009 | .00971 | . 00933 | . 00901 | . 00869 | . 00840 | . 00812 |
| 11 | . 01239 | . 01189 | . 01142 | . 01098 | . 01057 | . 01019 | . 00983 | . 00950 | . 00918 | .00889 |
| 12 | . 01345 | .01292 | .0\$243 | . 01197 | . 01154 | . 01113 | . 01075 | . 01040 | . 01007 | . 000975 |
| 13 | . 01457 | . 01401 | . 01349 | . 01300 | . 01255 | . 01212 | . 01172 | . 01135 | . 01100 | . 01067 |
| 14 | . 01567 | .04508 | . 01453 | . 01402 | . 01354 | . 01309 | . 01267 | . 01227 | . 01190 | . 01155 |
| 15 | . 01672 | . 01610 | . 01552 | . 01498 | . 01446 | . 01400 | . 01356 | . 01314 | . 01275 | .0.238 |
| 16 | . 01772 | . 01707 | . 01646 | . 01589 | . 01536 | . 01486 | . 01439 | . 01396 | . 01354 | .01515 |
| 17 | . 01866 | . 01798 | . 01734 | . 01674 | . 01618 | . 01566 | . 01516 | . 01470 | . 01427 | . 01386 |
| 18. | . 01958 | . 01886 | . 01818 | . 07755 | . 01697 | . 01641 | . 01590 | . 01541 | . 01495 | . 01452 |
| 19 | . 02050 | . 01974 | .01903 | . 01837 | . 01775 | . 01717 | . 01662 | . 01611 | . 01563 | . 01517 |
| 20 | . 02143 | . 02064 | . 01989 | . 01919 | . 01854 | . 01793 | . 01735 | . 01688 | . 01630 | . 01582 |
| 21. | . 02238 | . 02154 | . 02075 | . 02002 | . 01933 | . 018868 | . 01807 | . 01750 | . 01696 | .01646 |
| 22 .................. | . 02336 | . 02247 | . 02164 | . 02087 | . 02014 | . 01946 | . 01882 | . 01821 | . 01764 | . 01711 |

table S.-Based of life Table bocnsmt Single Life Remainder Factors-Continued
[Applicathe ather Aprl 30, 1989]

table S.-Based on life Table bocnsmt Single Life Remainoer factors-Continued
[Applicabte atier April 30, 1989]

| Age | interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10.2\% | 10.4\% | 10.6\% | 10.8\% | 11.0\% | 11.2\% | 11.4\% | 11.6\% | 11.8\% | 12.0\% |
| 92 | . 71466 | . 71073 | . 70684 | . 70300 | . 69920 | . 69545 | . 69173 | . 68806 | . 68444 | . 68085 |
| 93. | . 72750 | . 72370 | . 71994 | . 71622 | . 71254 | . 70890 | . 70530 | . 70174 | . 69822 | . 69474 |
| 94. | . 73931 | . 73562 | . 73198 | . 72833 | . 72481 | . 72129 | . 71780 | . 71434 | . 71093 | . 70755 |
| $95 . . . . . . . . . . . . . . . . . . . . . . ~$ | . 75001 | . 74644 | . 74291 | . 73941 | . 73595 | . 73253 | . 72914 | . 72579 | . 72247 | . 71919 |
| $96 . . . . . . . . . . . . . . . . . . . . . . ~$ | . 75953 | . 75606 | . 75262 | . 74823 | . 74586 | . 74253 | . 73924 | . 73598 | . 73275 | 72955 |
| 97 | . 76819 | . 76481 | . 76147 | . 75816 | .75489 | . 75165 | . 74844 | . 74526 | . 74211 | . 73899 |
| 98. | . 77599 | . 77270 | . 76944 | . 76621 | . 76302 | . 75986 | . 75672 | . 75362 | . 75054 | . 74750 |
| 99 | . 78319 | . 77998 | . 77680 | . 77365 | . 77053 | . 76744 | . 76437 | . 76134 | . 75833 | . 75535 |
| $100 . . . . . . . . . . . . . . . . . . . . . ~$ | . 78987 | . 78673 | . 78362 | . 78054 | . 77748 | .77446 | . 77146 | . 76849 | . 76555 | . 76263 |
| 101 | . 79622 | . 79315 | . 79010 | . 78708 | . 78409 | . 78113 | . 77819 | . 77528 | . 77239 | . 76953 |
| 102 | . 80283 | . 79983 | .79685 | . 79390 | . 79097 | . 78807 | . 78519 | .78234 | . 77951 | . 77671 |
| 103 | . 80983 | .80690 | . 80399 | . 80111 | . 79825 | . 79541 | . 79250 | . 78981 | . 78705 | . 78430 |
| 104 | . 81760 | .87475 | . 81192 | . 80912 | . 80633 | . 80357 | .80083 | . 79810 | . 79541 | .79273 |
| 105. | . 82726 | . 82451 | . 82178 | . 81907 | . 81638 | .8:371 | . 81106 | . 80843 | . 80582 | . 80322 |
| 106 | . 84137 | . 83879 | . 83623 | . 83368 | . 83115 | . 82863 | . 82614 | 82366 | . 82119 | . 81874 |
| 107 | . 86211 | . 85981 | . 85751 | . 85523 | .85297 | . 85071 | . 84847 | . 84624 | . 84403 | . 84182 |
| 108 ..................... | . 89660 | . 89481 | . 89304 | . 89127 | . 88950 | - 88775 | . 88601 | . 88427 | . 88254 | . 88081 |
| 109 ..................... | . 95372 | . 95290 | .95208 | . 95126 | . 95045 | . 94964 | . 94883 | . 94803 | . 94723 | . 94643 |

Table S.-Based on life Table 80cnsmt Single life Remainoer factors
[Applicable after April 30, 1989]


Table S.-Based on Life Table 80cnsmt Single life Remainder Factofs-Continued
[Applicable ather Apxr 30, 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12.2\% | 12.4\% | 12.6\% | 12.8\% | 13.0\% | 13.2\% | 13.4\% | 13.6\% | 13.8\% | 14.0\% |
| 42 | . 05791 | . 05633 | . 05491 | . 05350 | . 05216 | . 05086 | . 04962 | . 04844 | . 04729 | . 04620 |
| 43 | . 08219 | . 06057 | . 05902 | . 05754 | . 05612 | . 05475 | . 05344 | . 05218 | . 05098 | . 04981 |
| 44 | . 06673 | . 06503 | . 06340 | . 06144 | . 05034 | . 05890 | . 05752 | . 05619 | . 05491 | .05368 |
| 45 | . 07157 | . 06678 | . 06806 | . 06642 | . 06484 | . 06332 | . 06186 | . 06046 | . 05911 | . 05781 |
| 46 | . 07669 | . 07481 | . 07301 | . 07128 | . 06962 | . 068802 | . 06649 | . 06501 | . 06358 | . 06221 |
| 47 | . 08212 | . 08015 | . 07826 | . 07645 | . 07470 | . 07302 | . 07140 | . 06984 | . 06834 | . 06690 |
| 48 | . 08784 | . 08578 | . 08380 | -. 08190 | . 08006 | . 07830 | . 07660 | . 07495 | . 07338 | . 07186 |
| 49 -__........... | . 09384 | . 09169 | . 08961 | . 08762 | . 08570 | . 08384 | . 08206 | . 08034 | . 07868 | . 07708 |
| 50 | . 10013 | .09787 | . 09570 | . 09361 | 09160 | .08966 | . 08779 | . 08598 | . 08424 | . 08256 |
| 51 | . 10571 | . 10436 | . 10209 | . 09991 | . 09780 | . 09577 | . 09381 | . 09192 | . 09009 | . 088932 |
| 52 | . 11365 | .11:20 | . 10883 | . 10655 | . 10435 | -10222 | . 10017 | . 09819 | . 09628 | . 09442 |
| 53 | . 12095 | .11840 | . 11593 | . 11355 | . 11126 | . 10904 | . 10689 | . 10482 | . 10282 | . 10088 |
| 54 | . 12860 | . 12595 | . 12338 | . 12090 | . 11851 | . 11619 | .11396 | . 11179 | . 10970 | . 10767 |
| 55 | . 13663 | .13386 | . 13120 | . 12862 | . 12613 | . 12372 | . 12138 | .11912 | . 11694 | . 11482 |
| 56 | . 14503 | . 14217 | . 13940 | . 13672 | . 13413 | . 13162 | . 12919 | . 12683 | . 12456 | . 12235 |
| 57 | . 15385 | . 15089 | . 14801 | . 14523 | . 14254 | . 13994 | . 13741 | . 13496 | . 13259 | . 13029 |
| 58 | . 16311 | . 16004 | . 15706 | . 15418 | . 15139 | . 14858 | . 14606 | . 14352 | . 14105 | . 13856 |
| 59 | :17279 | . 16961 | . 16654 | . 16355 | . 16056 | . 15785 | . 15514 | . 15250 | . 14994 | . 14745 |
| 60 | . 18286 | . 17958 | . 17640 | . 17332 | .17033 | . 16743 | . 16462 | . 16188 | . 15922 | . 15664 |
| 61 | . 19330 | . 18992 | . 18665 | . 18347 | . 18038 | . 17738 | . 17447 | .17164 | . 16889 | -16622 |
| 62 | 20409 | . 20061 | . 19724 | . 19396 | . 19078 | . 18768 | . 18467 | . 38175 | . 17891 | . 17614 |
| 63 | . 21522 | 21165 | . 20818 | . 20480 | -20152 | . 19833 | . 19523 | . 19221 | -18928 | -18642 |
| 64 | 22672 | 22306 | 21949 | 21602 | . 21265 | . 20937 | 20617 | 20306 | -20003 | -19708 |
| 65 | 23867 | . 23491 | .23125 | . 22769 | . 22423 | . 22085 | . 21757 | 21437 | . 21125 | . 20821 |
| 66 | 25112 | 24727 | . 24353 | . 23988 | . 23632 | . 23286 | -22948 | . 22619 | .22399 | . 21986 |
| 67 | 26409 | .26016 | . 25633 | . 25250 | . 24896 | . 24541 | . 24195 | 23357 | . 23528 | .23206 |
| 68 | 27760 | . 27359 | . 26968 | . 26585 | . 26214 | . 25851 | . 25497 | . 25151 | 24814 | 24484 |
| 69 .....................- | . 29157 | 28748 | .28350 | . 27961 | 27581 | . 27211 | . 26849 | . 26495 | 26150 | . 25812 |
| 70 | . 30596 | .30181 | 29775 | 29379 | 28992 | . 28614 | . 28245 | 27884 | 27532 | . 27187 |
| 71 | . 32069 | . 31648 | .31236 | 30833 | . 30440 | . 30055 | 29679 | 29312 | . 28952 | 28600 |
| 72 | . 33578 | . 33151 | . 32733 | 32325 | . 31925 | . 31535 | . 31152 | . 30778 | . 30412 | . 30054 |
| 73 | .35123 | . 34691 | . 34269 | 33855 | 33450 | . 33054 | . 32666 | . 32285 | . 31914 | 21550 |
| 74 | . 36715 | . 36279 | . 35852 | 35434 | -. 35024 | -34623 | . 34230 | -33845 | . 33468 | . 33098 |
| 75 | . 38360 | . 37921 | . 37491 | 37069 | . 36556 | . 36250 | . 35853 | . 35454 | . 35082 | . 34708 |
| 76 | . 40064 | . 39623 | . 39190 | . 38765 | . 38349 | . 37941 | . 37540 | . 37148 | -36762 | . 36384 |
| 77 | . 41823 | . 41381 | . 40947 | . 40521 | . 40103 | . 39692 | . 39290 | . 38895 | . 38507 | . 38126 |
| 78 | . 43632 | . 43189 | . 42755 | . 42329 | . 41910 | . 41499 | . 41095 | . 40698 | . 40309 | . 39025 |
| 79 | . 45473 | . 45032 | . 44599 | . 44173 | . 43755 | . 43344 | . 42940 | . 42543 | . 42153 | . 41770 |
| 80 | . 47333 | . 46894 | . 46463 | . 46040 | . 45623 | . 45213 | . 44811 | . 44414 | . 44025 | - 43642 |
| 81 | $\cdot 49191$ | . 48755 | . 48328 | . 47907 | -47493 | . 47085 | . 46684 | . 46290 | . 45902 | .45520 |
| 82 | . 51034 | . 50603 | . 50179 | . 49762 | . 49351 | .48947 | . 48549 | . 48157 | . 47772 | . 47392 |
| 83 | . 52852 | . 52427 | . 52008 | . 51595 | . 51189 | . 50788 | . 50394 | . 50006 | . 49623 | . 49246 |
| 84 | 54648 | . 54228 | . 53815 | . 53407 | . 53006 | . 52610 | . 52221 | . 51836 | . 51458 | . 51084 |
| 85 | . 55426 | 56013 | . 55606 | . 55205 | . 54810 | . 54420 | . 54035 | . 53656 | . 53282 | . 52913 |
| 86 | 58169 | . 57764 | . 57364 | . 56970 | . 56581 | . 56197 | . 55818 | . 55445 | . 55076 | . 54713 |
| 87 | . 598850 | . 59452 | -59060 | .58673 | . 58291 | . 57913 | . 57541 | . 57174 | . 58811 | . 56453 |
| 88 | . 61476 | . 61086 | . 60702 | . 60322 | . 59947 | . 59577 | . 59212 | . 58851 | . 58494 | . 58142 |
| 89 | . 63078 | . 62697 | . 62321 | -61950 | . 61583 | . 61220 | . 60862 | . 60508 | . 60159 | . 59813 |
| 90 | . 64674 | 54302 | . 63935 | . 63573 | . 63215 | . 62861 | . 62511 | . 62165 | . 61823 | . 61485 |
| 91 | . 66238 | . 65877 | . 65520 | . 65167 | . 64819 | . 64474 | . 64133 | . 63795 | . 63462 | . 63132 |
| 92 | . 67730 | . 67379 | . 67032 | . 66689 | . 66350 | . 65014 | . 656882 | . 65354 | . 65029 | . 64708 |
| 93 | . 69130 | . 68789 | . 68452 | . 68119 | . 67789 | . 67463 | . 67140 | .66820 | . 65504 | . 65191 |
| 94 | . 70421 | 70090 | . 69762 | . 69438 | . 69118 | . 68300 | 58486 | . 68175 | . 67867 | . 67563 |
| 95 | . 71594 | . 71272 | . 70954 | .70639 | .70320 | . 70017 | . 69712 | . 63409 | . 69109 | . 68812 |
| 96 | .72638 | .72325 | . 72014 | . 71707 | . 71403 | . 71101 | .70803 | . 70507 | . 70215 | . 69925 |
| 97 | .73590 | . 73285 | . 72882 | . 72652 | . 72385 | . 72090 | .71799 | . 71510 | . 71224 | . 70941 |
| 98 | . 74448 | . 74149 | . 73853 | . 73560 | . 73269 | .72981 | . 72696 | . 72414 | . 72134 | . 71856 |
| 99 | . 75240 | . 74948 | . 74658 | . 74371 | . 74086 | .73805 | . 73525 | . 73248 | . 72974 | . 72702 |
| 100 | . 75974 | . 75687 | . 75403 | . 75121 | . 74842 | . 74566 | .74292 | . 74020 | . 73751 | . 73484 |
| 101 | . 76689 | . 76388 | . 76109 | . 75803 | . 75559 | . 75287 | . 75018 | . 74751 | . 74486 | . 74223 |
| 102 | .77393 | . 77117 | . 76844 | . 76573 | . 76304 | . 76037 | . 75773 | . 75511 | .75251 | . 74993 |
| 103 | . 78158 | .77888 | . 77620 | . 77355 | . 77091 | . 76830 | . 76571 | . 76313 | . 76058 | . 75805 |
| 104 | . 79007 | . 78743 | . 78482 | .78222 | . 77984 | 77709 | .77455 | . 77203 | . 76953 | . 76705 |
| 105 | . 80065 | . 79809 | . 79556 | . 79304 | . 79054 | .78805 | . 78559 | . 78314 | . 78071 | . 77829 |
| 106 | .8163t | . 81389 | . 81149 | . 80911 | . 80674 | . 80438 | . 80204 | . 79972 | . 79741 | .79511 |
| 107 | . 83963 | . 83745 | . 83529 | . 83313 | . 83099 | . 82886 | . 82674 | . 82463 | . 82254 | . 82045 |
| 108 ...--............. | -87910 | . 87739 | . 87559 | . 87400 | . 87232 | . 87064 | . 86897 | . 86731 | . 86566 | 86401 |
| 109 ........-.....-...... | . 94563 | . 94484 | . 94405 | . 94326 | . 94248 | . 94170 | . 94092 | . 94014 | . 93937 | . 93680 |

(f) Effective date. This section is effective as of May 1, 1989.
Par, 9. Section 1.642(c)-6A is further amended by revising the heading for Table $G$ in newly designated paragraph (d)(4) to read as follows:

## \$1.642(c)-6A Valuation of charitable remainder interests for which the valuation date is before May 1, 1989.

(d) Present value of remainder interest dependent on the termination of one life in the case of transfers to pooled income funds made after November 30, 1983, for which the valuation date is before May 1, 1989.
(4) ****

Table $G$
Table G-Single Life, Unisex-Table Showing the Present Worth of the Remainder Interest in Property Transferred to a Pooled Income Fund Having the Yearly Rate of Retum Shown-Applicable for Transfers After November 30, 1983, and Before May_1, 1989

Par. 10. Section 1.664-1 is amended as follows:

1. Paragraph (a)(S) $\{i i)(b)$ is revised.
2. Paragraphs (a)(5)(iv) (a) through (c) are revised and paragraph (a)(5)(iv)(d) is added.
3. Paragraph (a)(6), the introductory text, is revised.
4. The authority citation at the end of the section is removed.
5. The added and revised provisions read as follows:
5 1.664-1 Charitable rematnder trusts.
(a) * *
(5) ***
(ii) * * *
(b) (1) In the case of transfers made after November 30, 1983, for which the valuation dete is before May 1, 1989, a factor equal to 1.000000 less the factor under the appropriate adjusted payout rate in column 2 of Table D in § 1.664 $4 A(d)(6)$ opposite the number of years in column 1 between the dale of death of the decedent and the date of the earljer of the death of the last recipient or the last day of such taxable year.
(2) In the case of transfers for which the valuation date is after April 30 , 1989, a factor equal to 1.000000 less the factor under the appropriate adjusted payout rate in Table D in § 1.664-4(e)(6) opposite the number of years in column 3 between the date of death of the decedent and the date of the earlier of the death of the last recipient or the last day of such taxable year. The appropriate adjusted payout rate is
determined by using the appropriate Table $F$ contained in § 1.664-4(e)(6) for the section 7520 rate for the month of the valuation date.
(3) If the number of years between the date of death and the date of the earlier of the death of the last recipient or the last day of such taxable year is between periods for which factors are provided, a linear interpolation must be made.
(iv) * * *
(a) The section 7520 rate for the month in which the valuation date with respect to the transfer is for one of the prior two months if elected under
§ 1.7520-2(b)) after April 30, 1989:
(b) 10 percent for instruments executed or amended fother than in the case of a relormation under section 2055(e)(3)) on or after August 9, 1984. and before May 1, 1989, and not subsequently amended;
(c) 6 percent or 10 percent for instruments executed or amended fother than in the case of a reformation under. section $2055(\mathrm{e})(3)$ ) after October 24, 1983, and before August 9, 1984; and
(d) 6 percent for instruments executed before October 25, 1983, and not subsequently amended (other than in the case of a reformation under section 2055(e)(3)).
(6) Examples. The application of the rules in peragraphs $\{a)(4)$ and (a) $(5)$ of this section require the use of actuarial factors conteined in §1.664-4(e), §1.664-4A(d), and former § $1.664-\mathrm{f}(\mathrm{d})$ fas contained in the 26 CFR Part 1 edition revised as of April 1, 1994) and may be illustrated by use of the following examples:

Par. 11. Section 1.664-2 is amended as follows:

1. Paragraph (c) is revised as set forth below.
2. The authority citation at the end of the section is removed.

### 51.664-2 Cnaritable remainder annulty trust.

(c) Calculation of the fair market value of the remainder interest of a charitable remainder annuity trust. For purposes of sections $170,2055,2106$, and 2522 , the fair market value of the remainder interest of a charitable remainder annuity trust (as described in this section) is the net fair market value (as of the appropriate valuation date) of the property placed in trust less the present value of the annuity. For purposes of this section, valuation date means, in general, the date on which the property is transferred to the trust by the donor regardless of when the trust is created. In the case of transfers to a
charitable remainder annuity trust for which the valuation date is after April 30, 1989, if an election is made under section 7520 and $\$ 1.7520-2$ (b) to compute the present value of the charitable interest by use of the interest rate component for either of the 2 months preceding the month in which the transfer is made, the month so elected is the valuation date for purposes of determining the interest nate and mortality tables. For purposes of section 2055 or 2106 , the valuation date is the date of death unless the alternate valuation date is elected in accordance with section 2032, in which event, and within the limitations set forth in section 2032 and the regulations thereunder, the valuation date is the altemate valuation date. If the decedent's estate elects the alternate valuation date under section 2032 and also elects, under section 7520 and § $1.7520-2(b)$, to use the interest rate component for one of the 2 months preceding the alternate valuation date, the month so elected is the valuation date for purposes of determining the interest rate and mortality tables. The present value of an annuity is computed under $\$ 20.2031-7(\mathrm{~d})$ of this chapter (Estate Tax Regulations) for transfers for which the valuation date is after April 30,1989 , or under $\$ 20.2031-7 \mathrm{~A}$ (a) through (d) of this chapter, whichever is applicable, for transfers for which the valuation date is before May 1, 1989. Sce, however, $\$ 1.7520-3$ (b) (relating to exceptions to the use of prescribed tables under certain circumstances). If the valuation date of a transfer to a charitable remainder annuity trust is after April 30, 1989, and before June 10, 1994, a transferor can rely on Nolice 8924, 1989-1 C.B. 660, or Notice 89-60, 1989-1 C.B. 700 (See
§601.601(d)(2)(ii)(b) oi this chapter), in valuing the transferred interest.

Par. 12. Iminediately following § 1.664-4 an undesignated center heading and $\S 1.664-4 \mathrm{~A}$ are added to read as follows:

## Unitrust Actuarial Tables Applicable

 Before May 1, 198951.664-4A Valuation of charitable remainder interests for which the : aluation date is beforo May $1,1989$.
(a) Valuation of choritable remainder interests for which the valuation date is before Jonuary 1. 1952. There was no provision for the qualification of a charitable remainder unitrust under section 664 until 1969. See § 20.20317A(a) of this chapter (Estate Tax Regulations) for the determination of the present value of a charitable interest for ${ }^{\text {. }}$
which the valuation dote is before January 1, 1952.
(b) Valuation of charitable remainder interests for which the valuation date is after December 31, 1951, and before January 1, 1971. No charitable deduction is allowable for a transfer to a unitrust for which the valuation date is after the effective dates of the Tax Reform Act of 1969 unless the unitrust meets the requirements of section 664. See $\$ 20.2031-7 \mathrm{~A}$ (b) of this chapter (Estate Tax Regulations) for the determination of the present value of a charitable remainder interest for which the valuation date is after December 31, 1951. and before January 1. 1971.
(c) Valuation of chasitoble remainder unitrusts having certain payout sequences for transfers for which the valuation date is after December 31, 1970, and before December 1, 1983. For the determination of the present value of a charitable remainder unitrust for which the valuation date is after December 31, 1970, and before December 1, 1983, see § 20.2031~7 A(c) of this chapter (Estate Tax Regulations) and former $\$ 1.664-4$ (d) (as contained in the 26 CFR part I edition revised as of April 1, 1994).
(d) Valuation of charitable remainder unitrusts having certain payout sequences for transfers for which the valuation date is after November 30 , 1983, and before May 1. 1989-(1) In general. Except as otherwise provided in paragraph (d)(2) of this section, in the case of transfers made after November 30. 1983, for which the valuation date is before May 1, 1989, the present value of a remainder interest that is dependent on a term of years or the termination of the life of one individual is determined. under paragraphs (d)(3) through $(\mathrm{d})(6)$ of this section, provided that the amount of the payout as of any payout date during any taxable year of the trust is not larger than the amount that the trust could distribute on such date under § $1.664-3\{a)(1)(v)$ if the taxable year of the trust were to end on such date. The present value of the remainder interest in the trust is determined by computing the adjusted payout rate (as defined in paragraph (d)(3) of this section) and following the procedure outlined in paragraph (d)(4) or (d)(5) of this section, whichever is applicable. The present value of a remainder interest that is dependent on a term of years is computed under paragraph (d)(4) of this section. The present value of a remainder interest that is dependent on the termination of the lite of one individual is computed under paragraph (d)(5) of this section. See paragraph (d)(2) of this section for testamentary transfers for which the valuation date is
after November 30, 1983, and before August 9. 1984.
(2) Rules for determining the present value for testamentary transfers where the decedent dies after November 30 , 1983, and before August 9, 1984. For purposes of section 2055 or 2106 , if-
(i) The decedent dies after November 30. 1983, and before August 9,1984 ; or
(ii) On December 1, 1983, the decedent was mentally incompetent so that the disposition of the property could not be changed, and the decedent died after November 30, 1983, without regaining competency to dispose of the decedent's property, or died within 90 days of the date on which the decedent first regained competency, the present value determined under this section of a remainder interest is determined in accordance with paragraph (d)(I) and paragraphs (d)(3) through (d)(6) of this section, or § 1.664-4A(c), at the option of the taxpayer.
Par. 13. Section 1.664-4 is amended as follows:

1. Paragraph (a) is revised.
2. Paragraphs (b)(2) through (b)(5) are redesignated as paragraphs (d)(3) through (d)(6) of \& 1.664-4A, respectively.
3. Paragraph (b)(1) is redesignated as paragraph (b) and revised.
4. Paragraphs (c) and (d) are revised.
5. The authority citation at the end of the section is removed.
6. Paragraphs (e) and (f) are added.
7. The revisions and additions read as follows:

## § 1.664 -4 Calculation of the far market

 value of the remalnder interest in a charitable remainder unitrust.(a) Rules for determining present value. For purposes of sections 170 , 2055,2106 , and 2522 , the fair market value of a remainder interest in a charitable remainder unitrust fas described in $\$ 1.664-3$ ) is its present value determined under paragraph (d) of this section. The present value determined under this section sha!l be computed on the basis of-
(1) Life contingencies determined as to each life involved, from the values of $I x$ set forth in Table BOCNSMT contained in $\$ 20.2031-7(d)(6)$ of this chapter (Estate Tax Regulations) in the case of transfers for which the valuation date is after April 30, 1989, or columa 2 of Table LN, of $\S 20.2031-7 A(d)(6)$ of this chapter in the case of transfers made after November 30, 1983, for which the valuation date is before May 1, 1989. See § 20.2031-7A (a) through (c) of this chapter, whichever is applicable, for transfers for which the valuation date is before December 1 , 1983;
(2) Interest at the section 7520 rate in the case of transfers for which the valuation date is after April 30, 1989, or 10 percent in the case of transfers to charitable remainder unitrusts made after November 30, 1983, for which the valuation date is before May 1, 1989. See $\$ 20.2031-7 \mathrm{~A}$ ( a ) through (c) of this chapter, whichever is applicable, for transfers for which the valuation date is before December 1, 1983; and
(3) The assumption that the amount described in $\$ 1.664-3(a)(1)(i)(a)$ is distributed in accordance with the payout sequence described in the governing instrument. If the governing instrument does not prescribe when the distribution is made during the period for which the payment is made, for purposes of this section, the distribution is considered payable on the first day of the period for which the payment is made.
(b) Actuarial Computations by the Internal Revenue Service. The regulations in this and in related sections provide tables of actuarial factors and examples that illustrate the use of the tables in determining the value of remainder interests in property. Section 1.7520-1 (c) (2) refers to government publications that provide additional tables of factors and examples of computations for more complex situations. If the computation requires the use of a factor that is not provided in this section, the Commissioner may supply the factor upon a request for a ruling. A request for a ruling must be accompanied by a recitation of the facts including the date of birth of each measuring life, and copies of the relevant documents. A request for a ruling must comply with the instructions for requesting a ruling published periodically in the Internal Revenue Bulletin (See $\$ 601.601$ (d)(2)(ii)(b) of this chapter) and include payment of the required user fee. If the Commissioner furnishes the factor, a copy of the letter supplying the factor should be attached to the tax return in which the deduction is claimed. If the Commissioner does not furnish the factor, the taxpayer must furnish a factor computed in accordance with the principles set forth in this section.
(c) Statement supporting deduction required. Any claim for a deduction on any retum for the value of a remainder interest in a chariteble remainder unitrust mast be supported by a full statement attached to the return showing the computation of the present value of such interest.
(d) Voluation. The fair market value of a remainder interest in a charitable rernainder unitrust \{as described in
§ 1.664-3) for transfers for which the valuation date is after A pril 30, 1089, is its present value determined under paragraph (e) of this section. The fair market value of a remainder interest in a charitable remainder unitrust (as described in § 1.664-3) for transfers for which the veluation date is before May 1,1989 , is its present value determined under the following sections:

| Vabuation dates |  | Applicabie <br> regulations |
| :---: | :---: | :---: |
| Atter | Before |  |
|  | $01-01-52$ | $1.664-4 A(a)$ |
| $12-31-51$ | $\ldots \ldots$. | $01-01-71$ |
| $12-31-70$ | $1.664-4 A(b)$ |  |
| $11-30-83$ | $12-01-83$ | $1.664-4 A(c)$ |

(e) Valuation of charitable remainder unitrusts hoving certain payout sequences for transfers for which the valuation date is after April 30, 1989(1) In general. Except as otherwise provided in paragraph (e)(2) of this section, in the case of transfers for which the valuation date is after April 30,1989 , the present value of a remainder interest is determined under paragraphs (e)(3) through (e)(6) of this section, provided that the amount of the payout as of any payout date during any. taxable year of the trust is not larger than the amount that the trust could distribute on such date under $\$ 1.664-$ $3(a)(1)(v)$ if the taxable year of the trust were to end on such date. See, however, $\$ 1.7520-3$ (b) (relating to exceptions to the use of the prescribed tables under certain circumstances).
(2) Trunsitional rules for valuation of charitable remainder unitrusts. (i) If the valuation date of a transfer to a charitable remainder unitrust is after ApriI 30, 1989, and before June 10, 1994, a transferor can rely upon Notice 89-24, 1989-1 C.B. 680, or Notice 8960, 1989-1 C.B. 700, in valuring the transferred interest. (See $\$ 601.601(\mathrm{~d})(2)(\mathrm{ii})(b)$ of this chapler.)
(ii) For purposes of sections 2055, 2106 , or 2824 , if on May 1, 1989, the decedent was meritally incompetent so that the disposition of the property could not be changed, and the decedent died after April 30, 1989, without having regained competency to dispose of the decedent's property, or the decedent died within 90 days of the date that the decedent first regained competency after April 30, 1989, the present value of a remainder interest determined under this section is determined as if the valuafion date with respect to the decedent's gross estate is either before May 1, 1989, or after April 30. 1989, at the option of the decedent's executor.
(3) Adjusted payout rate. For transfers for which the valuation date is after April 30, 1989, the adjusted payout rate is determined by using the appropriate Table F, contained in paragraph (e)(6) of this section, for the section 7520 interest rate applicable to the transfer. If the interest rate is between 4.2 and 14 percent. see paragraph (e)(6) of this section. If the interest rate is bolow $4: 2$ percent or greater than 14 percent, see § $1.664-4(\mathrm{~b})$. The adjusted payout rate is determined by multiplying the fixed percentage described in § 1.6643(a)(1)(i)(a) by the factor describing the payout sequence of the trust and the number of months by which the valuation date for the first full taxable year of the trust precedes the first payout date for such taxable year. If the governing instrument does not prescribe when the distribution or distributions shall be made during the taxable year of the trust, see § 1.604-4(a). In the case of a trust having a payout sequence for which no figures have been provided by the appropriate table, and in the case of a trust that determines the fair market value of the trust assets by taking the average of valuations on more than one date during the taxable year, see §1.664-4(b).
(4) Period is a tersn of years. If the period described in § $1.664-3$ (a)(5) is a term of years, the factor that is used in determining the present value of the remainder interest for transfers for which the valustion date is after April 30,1989 , is the factor under the appropriate adjusted payout rate in Table $D$ in paragraph (e)(6) of this section corresponding to the number of years in the years. If the adjusted payout rate is an amount that is between adjusted payoul rates for which factors are provided in Table D, a linear interpolation must be made. The present value of the remainder interest is determined by multiplying the net fair market value (as of the appropriate valuation date) of the property placed in trust by the factor determined under this paragraph. For purposes of this section, the valuation date is, in the case of an inter vivos transfer, the date on which the property is transferred to the trust by the donor. However, if an election is made under section 7520 and $\$ 1.7520-$ 2(b) to compute the present value of the charitable interest by use of the interest rate component for either of the 2 months preceding the manth in which the date of transfer falls, the month so elected is the valuation date for purposes of determining the interest rate and mortality tables. In the case of a testamentary transfer under section 2055,2106 , or 2624 , the valuation date
is the date of death, unless the alternate valuation date is elected under section 2032 , in which event, and within the limitations set forth in section 2032 and the regulations thereunder, the valuation date is the altemate valuation date. II the decedent's estate elects the alternate valuation date under section 2032 and also elects, under section 7520 and $\$ 1.7520-2(\mathrm{~b})$, to use the interest rate component for one of the 2 months preceding the alterate valuation date, the month so elected is the valuation date for purposes of determining the interest rate and mortality tables. If the adjusted payout rate is between 4.2 and 14 percent, see paragraph (e)(6) of this section. If the adjusted payout rate is less than $4-2$ percent orgreater than 14 percent, see $\$ 1.664-4(\mathrm{~b})$. The application of this paragraph may be illustrated by the following example:

Example. D transfers 5100,000 to a charitable remainder unitrust on japuary 1, 1990. The trust instrument requires that the trust pay 8 percent of the fair market value of the curst assets as of January 1st for e term of 12 years to $D$ in quarterly payments (March 31. June 30, September 30, and December 31). The section 7520 rate of lanuary 1990 is 9.6 percent. Usder Table $F(9.6)$. the appropriste adjustment factor is .944628 for quarterfy payments payable at the end of each quarter. The adjusted payout rate is $7.557(8 \% \times .944628)$. Based on the remainder factors in Table D, the present value of the remainder interest is $\$ 38,950.30$, computed as follows:
Factor at 7.4 percent for 12 years .................................. Factor at 7.6 percent for 12 years. .397495

Difference .387314 . 010281

Interpolation adjustment:

$$
\begin{aligned}
\frac{7.557 \%-7.4 \%}{0.2 \%} & =\frac{x}{.010181} \\
x & =007097
\end{aligned}
$$

Factor at 7.4 percent for 12
years ..........................................
.397495
Less. Interpolatron odjustment .007992
Interpolated factor $\qquad$ .389503
Present value of remainder ioterest:
( $\$ 100.000 \times .389503$ ) $\qquad$ $\$ 38.350 .30$
(5) Period is the life of one individual. If the period described in $\$ 1.664-3(a)(5)$ is the life of one individuat, the factor that is used in determining the present value of the remainder interest for transfers for which the valuation date is after April 30, 1989, is the factor in Table U(1) in paragraph (e) (6) of this section under the appropriate adjusted payout. For purposes of the computations described in this paragraph, the age of an individual is
the age of that individual at the individual's nearest birthday. If the adjusted payout rate is an amount that is between adjusted payout rates for which factors are provided in the appropriate table, a linear interpolation must be made. The present value of the remainder interest is determined by multiplying the net fair market value (as of the valuation date as determined in paragraph (e)(4) of this section) of the property placed in trust by the factor determined under this paragraph (e)(5). If the adjusted payout rate is between 4.2 and 14 percent, see paragraph (e)(6) of this section. If the adjusted payout rate is below 4.2 percent or greater than 14 percent, see § $1.664-4(\mathrm{~b})$. The application of this paragraph may be illustrated by the following example:

Example. A, who will be 45 years old on February 19, 1990, transfers $\$ 100,000$ to : charitable remainder unitrust on january 1 , 1990. The trust instrument requires that the trust pay to A semiannually (on june 30 and December 31) 9 percent of the fair market
value of the trust assets as of January ist during A's life. The section 7520 rate for january 1990 is 9.6 percent. Under Table $F(9.6)$, the appropriate adjustrnent factor is 933805 for semiannual payments payable at the end of the semiannuat period. The adjusted payout rate is B. 404 ( $9 \% \times 933805$ ). Based on the remainder factors in Table U(1), the present value of the reraainder interest is $\$ 11.098 .00$. computed as follows:
Factor at 8.4 percent at age 45 ......... . 11106 Factor at 8.6 percent at age 45 $\qquad$ . 10683 Difference .00423

Interpolation adjustment:

$$
\begin{aligned}
\frac{8.404 \%-8.4 \%}{0.2 \%} & =\frac{x}{.00423} \\
x & =.00008
\end{aligned}
$$

Factor at 8.4 percent at age 45 . 11106
Less: Interpolation adjustment . $\qquad$ .00008
Interpolated Factor ..................
.11098
(6) Actuarial tables for transfers for which the valuation date is after April 30, 1989. For transfers for which the valuation date is after April 30. 1989, the present value of a charitable remainder unitrust interest that is dependent on a term of years or the termination of a life interest is determined by using the section 7520 rate and the tables set forth below. See, however, $\$ 1.7520-3$ (b) (relating to exceptions to the use of prescribed tables under certain circumstances). Many actuarial factors not contained in the following tables are contained in Internal Revenue Service Publication 1458, "Actuarial Values, Beta Volume," (8-89). A copy of this publication may be purchased from the Superintendent of Documents, United States Government Printing Office, Washington, DC 20402.

Present value of remainder interest:
( $\$ 100,000 \times 11098$ )
$\$ 11.098 .00$
table D.-Showing the Present Worth of a Remainder interest postponed for a Term Certain in a Charitable Remainder Unitrust
[Applicable atter April 30, 1989]

| Years | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4.2\% | 4.4\% | 4.6\% | 4.8\% | 5.0\% | 5.2\% | 5.4\% | 5.6\% | 5.8\% | 6.0\% |
| 1 | . 958000 | . 956000 | . 954000 | . 952000 | . 950000 | . 948000 | . 946000 | . 944000 | . 942000 | . 940000 |
| 2 | . 917764 | . 913936 | . 910116 | . 906304 | .902500 | . 898704 | . 894916 | . 891136 | . 887364 | . 883600 |
| 3 | . 879218 | 873723 | . 868251 | . 862801 | . 857375 | . 851971 | . 846591 | . 841232 | . 835897 | . 830594 |
| 4 | . 842291 | . 835279 | . 828311 | . 821387 | . 814506 | . 807669 | . 800875 | . 794123 | . 787415 | . 780749 |
| 5 | . 806915 | . 798527 | - 790209 | . 781950 | . 773781 | . 765670 | . 757627 | . 749652 | . 741745 | .733904 |
| 6 | . 773024 | . 763392 | .753859 | . 744426 | . 735092 | . 725855 | . 716716 | . 707672 | . 698724 | . 689870 |
| 7 | .740557 | . 729802 | . 719182 | . 708694 | . 698337 | . 688111 | . 678013 | . 668042 | . 658198 | . 648478 |
| 8 | . 709454 | . 697691 | . 686099 | . 674677 | . 683420 | . 652329 | . 641400 | . 630632 | . 620022 | . 609569 |
| 9 | .679557 | . 666993 | . 654539 | . 642292 | . 630249 | . 618408 | . 606765 | . 595317 | . 584061 | . 572995 |
| 10 | . 651111 | . 637645 | . 624430 | . 611462 | . 598737 | . 586251 | . 573999 | . 561979 | . 550185 | . 538615 |
| 11 | . 623764 | . 609589 | . 595706 | . 582112 | . 568800 | . 555766 | . 543003 | . 530508 | . 518275 | . 506298 |
| 12 | . 597566 | . 582767 | . 568304 | . 554170 | . 540350 | . 526866 | . 513681 | . 500800 | . 488215 | . 475920 |
| 13 | - 572469 | . 557125 | . 542162 | . 527570 | . 513342 | . 499469 | . 485942 | . 472755 | . 459898 | . 447365 |
| 14 | . 548425 | . 532611 | . 517232 | . 502247 | . 487675 | . 473496 | . 459701 | . 446281 | . 433224 | . 420523 |
| 15 | . 525391 | . 509177 | . 493430 | . 478139 | . 463291 | . 448875 | . 434878 | . 421289 | . 408097 | . 395292 |
| 16 | . 503325 | . 486773 | . 470732 | . 455188 | . 440127 | . 425533 | . 411394 | . 397697 | . 384427 | . 371574 |
| 17 | . 482185 | .465355 | . 449079 | . 433339 | . 418120 | . 403405 | . 389179 | . 375426 | . 362131 | . 349280 |
| 18 | .461933 | . 444879 | . 428421 | . 412539 | . 397214 | . 382428 | . 368163 | . 354402 | . 341127 | . 328323 |
| 19 | . 442532 | . 425304 | . 408714 | . 392737 | . 377354 | . 362542 | . 348282 | . 334555 | . 321342 | . 308624 |
| 20 | . 423946 | . 406591 | . 389913 | . 373886 | . 358486 | . 343690 | .329475 | . 315820 | . 302704 | 290106 |

Table D.-Showing the Present Worth of a Remainder Interest Postroned for a term Certain in a Charitable Remainder Unitrust
(Applicable atter April 30. 1989)

| - Years | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6.2\% | 6.4\% | 6.6\% | 6.8\% | 7.0\% | 7.2\% | 7.4\% | 7.6\% | 7.8\% | 8.0\% |
| 1 ........................ | . 938000 | . 936000 | . 934000 | . 932000 | . 930000 | . 928000 | . 926000 | . 924000 | . 922000 | .920000 |
| 2 | . 879844 | . 876096 | . 872356 | . 868624 | . 864900 | . 861184 | . 857476 | . 853776 | . 850084 | . 846400 |
| 3 | . 825294 | . 820026 | . 814781 | . 809558 | . 804357 | . 799179 | . 794023 | . 788889 | . 783777 | . 778688 |
| 4 | . 774125 | . 767544 | . 761005 | . 754508 | . 748052 | .741638 | . 735265 | . 728933 | . 722643 | . 716393 |
| 5 | . 726130 | . 718421 | . 710779 | .703201 | .695688 | . 688240 | -680855 | . 673535 | . 665277 | . 659082 |
| 6 ........................ | . 681110 | . 672442 | . 663867 | .655383 | . 646990 | . 638687 | . 630472 | . 622346 | . 614307 | . 606355 |
| 7 | . 638881 | . 629406 | . 620052 | .610817 | . 601701 | . 592701 | . 583817 | . 575048 | . 566391 | . 557847 |
| 8 | . 599270 | . 589124 | . 579129 | . 569282 | . 559582 | . 550027 | . 540685 | . 531344 | . 522213 | . 513219 |

Table D.-Showing the Paesent Worth of a Remainder interest Postponed for a Term Certain in a Charitable Remainder Unitrust-Continued
[Applicable after April 30, 1989]

| Years | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6.2\% | 6.4\% | 6.6\% | 6.8\% | 7.0\% | 7.2\% | 7.4\% | 7.6\% | 7.8\% | 8.0\% |
| $9 .$. | . 562115 | . 551420 | . 540906 | . 530571 | . 520411 | . 510425 | . 500609 | . 490962 | . 481480 | . 472161 |
| 10. | 527264 | . 516129 | . 505206 | . 494492 | . 483582 | . 473674 | . 463564 | . 453649 | . 443925 | . 434388 |
| 11 | . 494574 | . 483097 | . 471863 | . 460566 | . 450104 | . 439570 | . 429260 | . 41917 t | . 409298 | . 399637 |
| 12. | . 463970 | . 452179 | . 440720 | . 429527 | . 418596 | . 407921 | . 397495 | . 387314 | 377373 | . 367666 |
| 13 | . 435148 | . 423239 | . 411632 | . 400320 | . 389295 | . 378550 | . 368081 | . 357879 | . 347938 | . 338253 |
| 14 | . 408169 | . 396152 | . 384465 | . 373098 | . 352044 | . 351295 | 340943 | 330680 | . 320799 | 311193 |
| 15 | . 382862 | 370798 | 359090 | . 347727 | . 336701 | . 326002 | . 315620 | . 305548 | 295777 | . 286297 |
| 16 | . 359125 | . 347067 | . 335390 | . 324082 | . 313132 | . 302529 | 292264 | 282326 | 272706 | 263394 |
| 17 | 336859 | . 324855 | . 313254 | . 302044 | . 291213 | . 280747 | . 270637 | . 260870 | . 251435 | . 242322 |
| 18 | . 315974 | . 304064 | 292579 | . 281505 | 270828 | . 260533 | 250610 | 241044 | 231823 | 222936 |
| 19 | . 296383 | 28-1604 | . 273269 | . 262363 | . 251870 | . 241775 | 232065 | . 222724 | . 213741 | 205101 |
| 20. | . 272008 | . 266389 | 255233 | . 244522 | . 234239 | 224367 | 214892 | .205797 | . 197069 | . 188693 |

table D.--Showing the Present worth of a Remainoer interest Postponed for a Term Certain in au Charitable Remanoer Unitrust
[Applicable atter Aprit 30, 1989]

| Years | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8.2\% | 8.4\% | 8.6\% | 8.8\% | 9.0\% | 9.2\% | 9.4\% | 9.6\% | 9.8\% | 10.0\% |
| 1 | .918000 | . 916000 | . 914000 | . 912000 | . 910000 | . 908000 | . 906000 | . 904000 | . 902000 | . 800000 |
| 2. | . 842724 | . 839056 | . 835396 | :. 831744 | . 228100 | . 824464 | . 820836 | . 817216 | . 813604 | . 810000 |
|  | - . 773621 | . 768575 | . 763552 | . 758551 | . 753571 | . 748613 | . 743677 | . 735763 | . 733871 | . 729000 |
|  | . 710184 | . 704015 | . 697886 | . 691798 | .685750 | . 679741 | . 673772 | . 667842 | . 661951 | . 656100 |
|  | . 651949 | - . 644878 | .637868 | .630920 | . 624032 | . 617205 | . 610437 | . 603729 | . 597080 | . 590490 |
|  | . 593489 | -. 590708 | . 583012 | . 575399 | . 567859 | . 560422 | . 553056 | . 545771 | . 538556 | . 531441 |
|  | . 549413 | . 541089 | . 532873 | . 524764 | . 516761 | .508863 | . 501069 | . 493377 | . 485787 | . 478297 |
| 8 | . 504361 | . 495637 | . 487046 | . 478585 | . 470253 | . 462048 | . 453968 | . 446013 | . 438180 | . 430467 |
|  | .463003 | . 454004. | . 445160 | . 436469 | . 427930 | . 419539 | . 411295 | . 403196 | . 395238 | . 387420 |
| 10. | . 425033 | . 415867 | 406876 | . 398060 | 389416 | . 380942 | . 372634 | . 364489 | . 356505 | . 348678 |
|  | . 390184 | 380934 | - 371885 | . 363031 | . 354369 | . 345855 | 337606 | . 329498 | . 321557 | 313811 |
|  | . 358189 | . 348936 | 339902 | . 331084 | 322475 | . 314073 | . 305871 | . 297886 | 290054 | 282430 |
|  | . 328817 | . 319625 | 310671 | 301949 | . 293453 | . 285178 | 277119 | . 269271 | . 201628 | . 254187 |
| 14 | . 301854 | . 292777 | 283953 | .275377 | 267042 | . 258942 | 251070 | . 243421 | 235989 | . 228768 |
| 15 | 277102 | 258184 | 259533 | 251144 | 243008 | 235119 | 227469 | 220053 | . 212862 | . 205891 |
| 16 .-............... | 254380 | 245656 | 237213 | . 229043 | . 221137 | . 213488 | 206087 | . 198928 | . 192001 | . 185302 |
| 17 | 233527 | 225021 | 216813 | 208837 | 201235 | . 193847 | . 186715 | . 178830 | . 173185 | . 166772 |
|  | 214372 | :205719 | . 198167 | . 190505 | . 183124 | . 176013 | . 169164 | . 162567 | . 156213 | . 150035 |
|  | . 196794 | . 188805 | . 181125 | . 173741 | . 168643 | . 159820 | . 153262 | . 146960 | . 140904 | . 135085 |
| $20 . . .-\ldots . .$. | . 180657 | . 772946 | . 165548 | . 158452 | . 151645 | . 145117 | . 138856 | . 132852 | .127096 | . 121577 |

table D.-Showing the Present Worth of a Remainoer Interest Postponed for a term Certain in a Charitable Remainder Unitrust
[Applicable atter April 30, 1989]

| Years | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10.2\% | 10.4\% | 10.6\% | 10.8\% | 11.0\% | 11.2\% | 11.4\% | 11.6\% | 11.8\% | 12.0\% |
| 1 | . 898000 | .896000 | . 894000 | . 892000 | . 890000 | . 288000 | . 886000 | . 884000 | . 882000 | . 880000 |
| 2 | . 806404 | . 802816 | . 799236 | 795664 | 792100 | . 788544 | . 784996 | . 781456 | . 777924 | . 774400 |
| 3 | . 724151 | . 719323 | . 714517 | . 709732 | . 704969 | . 700227 | . 695506 | . 690807 | . 686129 | . 681472 |
| 4. | . 650287 | . 644514 | . 638778 | . 633081 | . 627422 | . 621802 | . 616219 | . 610673 | . 605166 | . 599695 |
| 5 | . 583958 | . 577484 | . 571068 | . 564708 | . 558406 | . 552160 | . 545970 | . 539835 | . 533756 | . 527732 |
| 6 | - 524394 | . 517426 | . 510535 | . 503720 | . 496981 | . 490318 | . 483729 | . 477214 | . 470773 | . 4644004 |
| 7 | . 470906 | . 463613 | . 456418 | . 449318 | . 442313 | . 435402 | . 428584 | . 421958 | . 415222 | . 408676 |
| 8 | . 422874 | . 415398 | . 408038 | . 400792 | . 393659 | . 386637 | . 379726 | . 372922 | . 366226 | . 359635 |
| 3 | 379741 | . 372196 | . 364786 | 357506 | 350356 | . 343334 | . 336437 | . 329663 | . 323011 | . 316478 |
| 10 | 341007 | 333485 | . 325118 | 318896 | . 311817 | -304881 | 298083 | 291422 | . 284898 | . 278501 |
|  | 336624 | 238805 | 281550 | 284455 | 277517 | 270734 | 264102 | 257617 | . 251278 | 245081 |
| 12 | 274989 | 267729 | . 260645 | 253734 | 246990 | 240412 | . 233994 | 227734 | 221627 | . 215671 |
|  | 246941 | . 239886 | 233017 | 226331 | 219821 | 213486 | 207319 | 201317 | . 195475 | . 189791 |
|  | 221753 | . 214937 | 208317 | 201887 | . 185641 | . 189575 | . 183684 | -177964 | . 172409 | . 167016 |
| 15 | - 499134 | . 197584 | . 186236 | . 180083 | . 174121 | . 168343 | . 162744 | . 157320 | . 152065 | . 146974 |
| 16 | . 178828 | . 172555 | . 165495 | . 160534 | . 154967 | . 149488 | .144191 | . 139071 | . 134121 | . 129337 |

## Table D.-Showing the Present Worth of a remainoer interest postponed for a term certam in a Charitable remaiader unitrust--Continued

[Applicable ater April 30, 1989]

| Years |  | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 10.2\% | 70.4\% | 10.6\% | 10.8\% | 1.1.0\% | 1.1.2\% | 11.4\% | 11.6\% | . $11.8 \%$ | 12.0\% |
| 17 | $\cdots$ | . 160582 : | - 154609 | . 148846 | . 143286 | . 137924 | -132746 | . 127754 | . 122939. | -1.18295 | . 113817 |
|  |  | . 144203 | .138530 | . 133069 | . 127811 | . 122750 | . 117878 | . 113190 | . 108678 | . 104336 | 3100159 |
| 19 |  | . 129494 | . 124123 | . 118963 | . 114007 | . 709247 | . 104676 | .700286 | . 096071 | . 092024 | . 688740 |
|  | ..... | . 116286 | . 111214 | .106353 | . 101694 | . 097230 | . 092952 | . 088853 | . 084927 | . 081166 | . 077563 |

Table D.-Showing the.present Worth of a Remainder inferest Postponed for a Term Certainin a Charitable Remainder Unitrust
[Applicable atter April 30, 1989 ]

| Years | Adjusted payout rale |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12.2\% | 12.4\% | 12.6\% | 12.8\% | -13.0\% | 13-2\% | 13.4\% | 13.6\% | 13.8\% | 14.0\% |
| 1 ........................ | . 878000 | . 876000 | . 874000 | . 872000 | . 870000 | :868000 | . 866000 | . 864000 | . 862000 | . 860000 |
| 2 | . 770884 | . 767376 | . 763876 | . 760384 | . 756900 | . 753424 | . 749956 | . 746496 | . 743044 | . 739600 |
| 3 ........................ | . 676836 | . 672221 | . 667628 | . 663055 | . 658503 | :653972 | :649462: | 644973. | . 640504 | . 636056 |
| 4 ....-......-............ | . 594262 | . 588866 | . 583507 | . 578184 | . 572898 | . 567648 | . 562434 | . 557256 | . 552114 | . 547008 |
| 5 | \$521762: | . 515847 | . 509985 | -504176 | 498429 | . 492718 | . 487068 : | . 481469 | . 475923 | . 470427 |
| 6 | . 458107 | . 451882 | . 445727 . | -. 439642 | . 493625 | .. 427679 | . 421801 | . 415990 | . 410245 | . 404567 |
| 7 | . 402218 | . 395848 | . 389565 , | . 389368 | . 377255 | . 371226 | . 365279 | . 359415 | 353631 | . 347828 |
| 8 | . 353147 | . 346763 | . 340480 | '334297' | . 328272 | . 322224 | . 316332 | . 310535 | . 304830 | . 299218 |
| . | 3100653 | . 303764 | . 297579 | . 291507 | 285544 | . 279690 | . 273944 | . 268302 | 262764 | . 257327 |
| 10 | . 272236 | . 266098 | 260084 | -254194 | . 248423 | . 242771 | 237235: | $23: 813$ | -226502 | 221302 |
| 11 | 239003 | . 233102. | . 227314. | . 221657 | 246128 | 220725 | 205446 | :200286: | . 195245 | 7.700319 |
| 12 | 209862 | . 204197 | . 198672 | . 193285 | . 188032 | . 182910 | . 177916 | . 173047 | .168309 | . 163675 |
| 13 | . 1842559 | . 17887 | .173640 | . 168544 | . 663588 | . 158766 | . 154075 | . 449513 | . 145076 | . 140760 |
| 14 | . 161779 | . 156696 | .151761. | . 146971 | . 142321 | . 137809 | . 133429. | . 129179. | . 125055 | . 221054 |
| 15 | . 142042 | . 137266 | . 132639. | . 128158 | . 123819 | . 119618 | .115550 | . 111619 | . 107798 | . 104106 |
| 16 | . 224713 , | . 120245 | .115927, | -1.11754 | . 107723 | .103828 | . 100066 | .096432 | . 092922 | . 069531 |
| 17 ....................... | . 109498 | ., 105333 | . 101320 : | :097450 | . 093719 | . 090123 | . 086657 | . 083317 | . 080098 | . 076997 |
| 18 | . 096139 | $\stackrel{092273}{ }$ | . 088554. | :084976 | . 081535 | :078227 | . 075045 | . 071986 | . 069045 | . 065217 |
| 19 | . 084410 | . 080831 | . 077396 | .074099 | . 070936 | . 067901 | . 064989 | . 062196 | . 059517 | . 056947 |
| 20 | . 074112 | . 070808 | . 067644 . | . 064614 | . 061714 | .058938 | . 056280 | . 053737 | .05:303 | . 048974 |

table F(4.2).-With Interest at 4.2 Percent, Showing Factors for Computation of the adjusted Payout Rate for Certain Valuations
[Applicable after Apri4 30, 1989]

table f(4.4).-With interest at 4.4 Percent, Showing factors for Computation of the adjusted payoutt Rate for Certain valuations
[Applicable alter April 30, 1989] .

table F(4.6).-With interest at 4.6 Percent, Showing factors for Computation of the adjusted Payout Rate for Certain valuations
[Applicable after April 30, 1989 ]


Table F(4.8).-With Interest at 4.8 Percent, Showing Factors for Computation of the adjusted Payout rate for Certain valuations
[Applicatie atter April 30, 1989]


TABLE F(4.8)-With Jaterest at 4.8 PERCENT, SHOWING FACTGRS: FOA COMRUTATION IOF THE ADJUSTED PAYOUT RATE FOR CERTAIN Y ALGATONS-COMinued
;Applicable atter.Apoil $30 ; \%$ 1989]
Nurnber of tnontss by whichithe valuation date:
for the first futh taxable year of, the trust pre-
cedes the first payout

Table f(5.0),-With Interest at 5D Peroent. Showing Factors for Computaton of the adjusteo Payout Ratefor certain valuations
"Applicable atter April 30, 19897

| Nuriber of mon |  | $2$ <br> Factors for:payout at the end of each period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Nuriber of months by which the valuation date for the first full taxable year of the trust pretedes the first payout |  | Anmual period | Semiannuai;period | Ouarterty period | Monttily period |
| At least | But'less than |  |  |  |  |
|  | 1 | 7.000000 | . 987950 | . 981961 | . 977982 |
| 1 | - 2 | :995942 | . 983941 | . 977977 | .974014 |
| 2 | -3 | - 997908 | \$979948 | . 974009 |  |
| 3 | - 4 | - .987877 | :975973 | :970057 |  |
| 4 | 5 | . 983868 | . 972013 | 迷 | , |
| 5 | 6 \% | \%979876 | .968069 | . . | . .. .- |
| . 6 | . 7 . | -975900 | . 964141 . |  |  |
| . .7 | - . $\mathrm{C}_{\text {- }}$ | -971940 | . | - . |  |
| 8 | 9 | . 967997 | , |  |  |
|  | . - 40 . | - . 9674069 |  |  |  |
| - . 70 | 71 | -980157 |  |  |  |
| . 71 | , 72 | -956261 |  |  |  |
| 12 |  | -952381 |  |  |  |

Table f(5.2).-With interest at 5.2 Percent, Showing Factons for Computation of the adjusted Payout rate for Certain valuations
[Applicabie atter Apria 30, 7888]

| Number of months by which the valuation date |
| :---: |
| for the first full taxable year of the trust pre- |
| ceder the first peyout |

At deast

Table F(5.4).-With Interest at 5.4 Percent, Showing Factors for Computation of the adjusted Payout Pate for Certain Valuations
[Applicable after April 30, 1989] .

| $1$ <br> Number of months by which the valuation date for the frst fuil taxable year of the trust precedes the first payout |  | $2$ <br> Factors for payout at the end of each period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Amual period | Semiannual period | Quarterty period | Monthly period |
| At least | But less than |  |  |  |  |
| $\begin{array}{r} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \end{array}$ | 1 2 3 4 . 5 6 7 8 9 10 11 12 | $\begin{array}{r} 1.000000 \\ .995627 \\ .991273 \\ .986938 \\ .982622 \\ .978325 \\ .974047 \\ .969787 \\ .965546 \\ .961323 \\ .957119 \\ .952934 \\ .948767 \end{array}$ | $\begin{aligned} & .987023 \\ & . .982707 \\ & .978409 \\ & .974131 \\ & .969871 \\ & .965629 \\ & .961407 \end{aligned}$ | $\begin{aligned} & .980577 \\ & .976289 \\ & .972019 \\ & .967769 \end{aligned}$ | $\begin{array}{r} .976295 \\ .972026 \end{array}$ |

Table F(5.6).-With Interest at 5.6 Percent, Showing factors for Computation of the aduusted Payout Rate for Certain Valuations
[Applicable atter Apri4 30, 1989]


Table F(5.8).-With Interest at 5.8 Percent, Showing Factors for Computation of the adjusted Payout rate for Certain valuations
[Applicable atter April 30, 1989]

| Number of months by which the valuation date for the first fult taxable year ol the trust precedes the first payout |  | $2$ <br> Factors for payout at the end of each period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Anrual period | Semiannual period | Quarterly period | Monthly period |
| Al least | But less than |  |  |  |  |
| $\begin{gathered} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \end{gathered}$ | 1 2 3 4 5 6 7 8 9 10 11 12 | 1.000000 .995313 .990647 .986004 .981382 .976782 .972203 .967646 .963111 .958596 .954103 .949631 .945180 | $\begin{aligned} & .986102 \\ & .981480 \\ & .976879 \\ & .972300 \\ & .967743 \\ & .963206 \\ & .958692 \end{aligned}$ | . 979201 <br> . 974611 <br> .970043 <br> .965496 | $\begin{aligned} & .974618 \\ & .970050 \end{aligned}$ |

Table f(6.0).-With Interest at 6.0 Percent, Showing Factors for Computation of the adjusted Payout rate for Certain valuations
[Applicable atter April 30, 1989]


Table F(6.2).-With interest at 6.2 Percent, Showing factors for Computation of the Adjusted Payout Rate for Certain valuations
(Applicable atter April 30, 1989)

table f(6.4)--With interest at 6.4 Percent. Showing Factors for Computration of the Aduusted Payout rate for certain valuations
(Applicable atter April 30, 1989]

table f(6.4).-With interest at 6.4 Percent. Showing factors for Computation of the adjusteo payout Rate for Certain Valuations-Continued
[Applicable aner Aprai 30, 1989]

| $1$ <br> Number of monttis by which the valuation date for the first full taxabie year of the trust precedes the first payout |  | Factiors for payout at the end of each period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Annual period | Sermiannizal period | Quarterly perod | Monthty period |
| At least | But less than |  |  |  |  |
| 11 $* \quad 12$ | $12$ | $\begin{aligned} & .944721 \\ & .939850 \end{aligned}$ |  | , |  |

tagle $F$ (6.6)--With Interest at 6.6 Peacent, Showing factors for Computation of the aduusted payout Rate for Certan valuations
[Applicable atter April 30, 1989]

table f(6.8).-With interest at 6.8 Percent, Showing Factons for Computation of the adjusted Payout Rate for Certain valuations
[Applicable atter April 30, 1989]

| 1 <br> Number of months by which the valuation date for the first full taxable year of the trust precedes the first payout |  | $2$ <br> Factors for payout at the end of each period. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Annual period | Semiannual period | Quarterly period | Montily period |
| At least | But less than |  |  |  |  |
|  | 1. | 1.000000 | . 983821 | . 975796 | . 970471 |
| 1 | 2 | . 994533 | . 978442 | . 970461 | . 965165 |
| 2 | 3 | . 989095 | . 973092 | . 965156 | ; |
| 3 | 4 | . 983688 | . 967772 | . 959879 | - |
| 4 | 5 | . 978309 | . 962481 |  |  |
| 5 | 6 | . 972961 | . 957219 |  |  |
| 6 | 7 | . 967641 | . 951985 |  |  |
| 7 | 8 | . 962351 |  |  | , |
| 8 | 9 | . 957089 |  |  | - |
| 9 | 10 | . 951857 |  |  |  |
| 10 | . 11 | . 946653 |  |  |  |
| 11 | . 12. | . 941477 |  |  |  |
| 12 | ................................. | . 936330 |  |  |  |

table F(7.0).-With Interest at 7.0 Percent, Showing Factors for Computation of the aduisteg Payout Rate for Certain valuations
[Applicable ather April 30, 1989]

table f(7.2).-With interest at 7.2 Percent, Showing factors for Computation of the adjusted Payout rate for Certain valuations
[Appticable atter Aprii 30, 1989]

table f(7.4)-With interest at 7,4 Peacent, Showing Factors for Computation of the adjusted Payout Rate for Certain valuations
[Applicabie atter April 30, 1989]

| Number of months by which the valuation date <br> for the fust full taxable year of the trust pre- <br> cedes the frsi payout |
| :--- |
| At least |

Table F(7.4).-With Interest at 7.4 Percent. Showing Factoris for Computaton of the adusted Payout Rate for Certain Valuations-Continued
[Applicable atter April 30, 1989]

| $\uparrow$ <br> Number of moniths by which the valesation dale for the first full taxable year of the tust precedes the first payout |  | $2$ <br> Factors for payout al the end of each period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| At least | But less than |  |  |  |  |
| $\begin{aligned} & 11 \\ & 12 \end{aligned}$ | $12$ | $\begin{aligned} & .936654 \\ & .931099 \end{aligned}$ | - . |  |  |

Table F(7.6).-With Interest at 7.6 Percent, Showing Factors for Computation of the adjusted Payout Rate for Certain Valuations
[Applicable after April 30, 1989]


Table f(7.8).-With Interest at 7.8 Percent, Showing Factons for Computation of the admusted Payout Rate for Certain valuations
[Applicable atter April 30, 1989]


Table F(8.0).-With interest at 8.0 Percent, Showng Factors for Computation of the Adusted Payout Pate for Ceftan Valuations
[Applicable ater April 30, 1589]

| 1 <br> Number of months by which the valuation date for the first lult taxable yerar of the trust precedes the difst payout |  | 2 <br> Factors for payout at the end of each period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| At least | But less than |  |  | Quartery period |  |
|  | - 1 | 1.000000 | . 981125 | . 971777 | . 965578 |
| 1 | 2 | . 993607 | . 974853 | . 965564 | . 959405 |
| 2 | 3 | .987255 | . 968821 | . 959392 |  |
| 3 | 4 | 980944 | . 962429 | . 953258 |  |
| 4 | 5 | . 974673 | . 956276 |  |  |
| 5 | 6 | . 968442 | . 950162 |  | . |
| 6 | 7 | . 962250 | -. 944088 |  |  |
| 7 | 8 | . 956099 |  |  |  |
| 8 | 9 | . 949987 |  | ${ }^{-}$ |  |
| 9 | 10 | . 943913 |  |  | - |
| 10 | 11 | . 937879 | . |  |  |
| 11 | 12 | . 931883 | . |  |  |
| 12 | ............................ | . 92.5926 |  |  |  |

Table f(8.2).-With interest at 8.2 Percent, Showing factors for Computation of the Aojusted Payout mate for Certain valuatonis
[Appricable ater April 30, 1989]

table f(8.2).-With interest at 8.2 Percent, Showng Factoas for Computation of the adjusted Payout Rate for Certain valuatoons
[Applicatle after Aprit 30. 1989]

table f(8.6).-With interest at 8.6 Percent, Showing Factors for Computation of the aduusted Payout Rate for Certain valuations
[Applicable after April 30, 1989]

table f(8.8)-With interest at 8.8 Percent, Showing factors for Computation of the adjusteo Payout Rate for Certain Valuations
(Applicable after April 30, 1989)


Table f(9.0).-With Interest at 9.0 Percent, Showing Factors for Computation of the adjusted Payout Rate for Certain valuations
[Applicable alter April 30, 1999]

| Number of months by which the valuation date for the first full taxable year of the trust precedes the first payout |  | Factors for payout at the end of each period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Ansual period | Semiannual period | Quarterty period | Monthly perios |
| - At least | But less than |  |  |  |  |
| 1 2 3 4 5 6 7 8 9 10 11 12 | 1 2 3 4 5 6 7 8 9 10 11 12 | $\begin{array}{r} 1.000000 \\ .992844 \\ .985740 \\ .978686 \\ .971683 \\ .964730 \\ .957826 \\ .950972 \\ .944867 \\ .937411 \\ .930703 \\ .924043 \\ .917431 \end{array}$ | .978913 . .971908 .964954 .958049 .951193 .944387 .937629 | $\begin{aligned} & .968481 \\ & .961551 \\ & .954670 \\ & .947839 \end{aligned}$ | $\begin{array}{r} .961567 \\ .954686 \end{array}$ |

Tarle F(9.2).-WIt interest at 92 Percent. Sitonnag factors for Computaton of the aduusted payout Rate for Certain Valuations
[Applicablo ater Apil 30, 1989]


Table F (9.4)-Whth interest at 9.4 Percent, Showing Fhctors fon Computation of the Aorusteo Payout RATE FOR GERTAR valluations
[Applicathe atter Aprił 30, 1989 ]


Table F(9.6)-With hiterest at 9.6 Peficent, Shovihg Factors for Computation of the Adinsted Payout RATE FOR CERTAN valuations
[Applicable ater Aprit 30, 1989]


Table F(9.8).-With interest at 9.8 Percent, Showing factors for Computation of the adjusted Payout rate for Certain valuations
[Applicable ater April 30, 1989]

| Number of months by which the valuation date for the first full taxable year of the trust precedes the first payout |  | $2$ <br> Factors for payout at the end of each period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Annual period | Semiannual period | Quarterty period | Monthly perod |
| At least | But less than |  |  |  |  |
| $\begin{array}{r} 1 \\ 2 \\ 3 \\ \hline 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ \hline 12 \end{array}$ | 1 2 3 4 5 6 7 6 9 10 11 12 | 1.000000 .992239 .984539 .976898 .969317 .961795 .954331 .946924 .939576 .932284 .925049 .917870 .910747 | $\begin{aligned} & .977165 \\ & .969582 \\ & .962057 \\ & .954591 \\ & .947183 \\ & .939832 \\ & .932539 \end{aligned}$ | $\begin{aligned} & .965878 \\ & .958382 \\ & .950945 \\ & .943565 \end{aligned}$ | $\begin{aligned} & .958402 \\ & .950964 \end{aligned}$ |

table $\mathrm{F}(10.0)$.-With interest at 10.0 Percent, Showing Factors for Computation of the adjusted Payout Rate for Certain valuations
[Applicable atter April 30, 1989]


Table f(10.2).-With Interest at 10.2 Percent, Showing factors for Computation of the adjusted Payout Rate for Certain valuations
[Applicable ather April 30, 1989]

| $1$ <br> Number of months by which the valuation date for the first full taxable year of the trust precedes the first payout |  | $2$ <br> Factors for payout at the end of each period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| At least | But less than |  |  |  |  |
| $\begin{array}{r} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 9 \\ 10 \\ 11 \\ 12 \end{array}$ | 1 2 3 4 5 6 7 8 . 10 10 11 12 | $\begin{array}{r} 1.000000 \\ .991939 \\ .983943 \\ .976011 \\ .968143 \\ .960338 \\ .952597 \\ .944918 \\ .937301 \\ .929745 \\ .92250 \\ .914816 \\ .907441 \end{array}$ | $\begin{aligned} & .976298 \\ & .968428 \\ & .960622 \\ & .952878 \\ & .945196 \\ & .937577 \\ & .930019 \end{aligned}$ | $\begin{array}{r} .964588 \\ .956812 \\ .949099 \\ .941448 \end{array}$ | $\begin{aligned} & .956833 \\ & .949120 \end{aligned}$ |

Table F(10.4).-With Interest at 10.4 Percent, Showing factors for Computation of the adusted Payout Rate for Certain valuations
[Applicable atter April 30, 1989]


Table F(10.6).-With Interest at 10.6 Percent, Showing faċtors for Computation of the Adjusted Payout Rate for Certain Valuations
[Applicable after April 30, 1989]


Table f(10.8).-With interest at 10.8 Pericent, Showing Factors for Computation of the Àduusted Payout Rate for Certain Valuations
[Applicable atter April 30, 1989]

table F(11.0).-With interest at 11.0 Percent, Showing factors foh Computation of the adjusted payout rate for Certain Valuations.
[Applicable atter Aprix 30, 1989]

table F(11.2).-With interest at 11.2 Percent. Showing factors for Computation of the Adjusted Payout Rate for Certain valuations
[Applicable atter April 30, 1989]

| $1$ <br> Number of montins by which the valuation date for the first full taxable year of the trust precedes the first payout |  | - . ${ }^{\text {a }}$ | Factors for payout | end of aach perion | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Annual period | Semiarnuai period | Quarterly period | Monthly period |  |
| At least | But less than |  |  |  |  |  |
| 1 | . $\begin{array}{r}1 \\ 2\end{array}$. | 1.000000 .991192 | .974152 .965572 | $\begin{array}{r} .961395 \\ .952927 \end{array}$ | $\begin{array}{r} .952952 \\ .944559 \end{array}$ |  |
| 2 | 3 | . 982462 | . 957068 | . 944534 |  |  |
| 3 | 4 | . 973809 | . 948638 | . 936215 |  |  |
| 4 | . 5 | . 965232 | . 940283 |  |  |  |
| 5 | -6 | . 956731 | . 932001 |  |  |  |
| 6 | 7 | . 948304 | . 923792 |  |  |  |
| 7 | 8 | . 939952 |  |  | - |  |
| 8 | 9 | . 931673 |  |  |  |  |
| 9 | 10 | . 923467 |  |  |  |  |
| 10 | 11 | . 915333 |  |  | - |  |
| 11 | 12 | . 907272 |  |  |  | - |
| 12 | ............... | . 899281 |  |  |  |  |

table F(11.4)--With interest at 11.4 Percent. Showing factors for Computation of the Adjusted Payout rate for Certain valuations
[Appoicable atter April 30. 1989]

| $1$ <br> Number of months by which the valuation date for the first futl taxable year ol the trust precedes the first payout |  | $2$ <br> Factors for payout at the end of each period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| At least | But less than |  |  |  |  |
| , | 1 | 1.000000 | . 973726 | . .960762 | . 952183 |
| 1 | 2 | . 991044 | . 965005 | . 952157 | . 943655 |
| 2 | 3 | .982168 | . 956363 | . 943630 |  |
| 3 | 4 | . 973372 | . 947798 | . 935178 |  |
| 4 | 5 | . 964654 | . 939309 |  |  |
| 5 | 6 | . 956015 | . 930896 |  |  |
| 6 | 7 | . 947452 | . 922559 |  |  |
| 7 | 8 | . 938367 |  |  |  |
| 8 | 9 | . 930557 |  | . |  |
| 9 | 10 | . 922223 |  |  |  |
| 10 | 11 | . 913964 |  |  |  |
| 11 | 12 | . 905778 |  |  |  |
| 12 | ................................. | . 897666 |  | $\because$ |  |

table F(11.6). With Interest at 11.6 Percent, Showing Factors for Computation of the adjusted Payout Rate for Certain valuations
[Applicable atter April 30, 1989]

| $1$ <br> Number of months by which the valuation date tor the firsi full taxable year of the trust precedes the first payout |  | $2$ <br> Factors for payout at the end of each period |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Annual period | Semianrual period | Quarterly period . | $\therefore$ Monthly period |
| At least | But less than |  |  |  |  |
| 1 <br> $\cdots$ <br> 2 <br> 3 <br>  <br> 4 <br>  <br>  <br> 5 <br> 6 <br> 7 <br>  <br> 8 <br> 9 <br>  <br> 10 <br> 11 <br>  <br>  <br>  <br> 12 |  | $\begin{aligned} & 1.000000 \\ & . .990896 \\ & . .981874 \\ & .972935 \\ & .964077 \\ & . .955300 \\ & .946603 \\ & .937985 \\ & . .92445 \\ & . .920984 \\ & . .912599 \\ & . .896050 \\ & .896057 \end{aligned}$ | $\begin{aligned} & .973302 \\ & . .964440 \\ & . .955660 \\ & .946959 \\ & .938338 \\ & .929795 \\ & .921330 \end{aligned}$ | $\begin{aligned} & .960130 \\ & .951389 \\ & .942728 \\ & .934145 \end{aligned}$ | $\begin{aligned} & .951416 \\ & .942754 \end{aligned}$ |

Table F(11.8) --With interest at 11.8 Percent, Showing Factors for Computation of the adjusted Payout rate for Certain valuations
[Applicable atter April 30, 1989]


Table F(12.0). -With Interest at 12.0 Percent, Showing Facrors for Computation of the adjusted Payout Rate for Certain Valuations
[Apolicable atier Aprit 30, 1989] :

table f(122).-With interest at 12.2 Percent, Showing factors for Computation of the adjusted Payout rate for Certain valuations.
[Applicatre ather April 30, 1989]


Table F(12.4).-With interest at 12.4 Percent, Showing Factors for Computation of the Adjusted Payout Rate for Certain valuations
[Applicable atter April 30, 1989]

table f(12.6).-With interest at 12.4 Percent, Showing Factors for Computation of the adjusted Payout Rate for Certain valuations
[Applicable after April 30. 1989]

table f(12.6).-With interest at 12.4 Percent, Showing Factors for Computation of the admusted payout rate for Certain Valuations--Continued
[Applicable atter April 30, 1989]

| $1$ <br> Number of montis by which the valuation date tor the forst full taxable year of the trust peecedes' the first payout |  | 2 <br> Factors for payout at the end of each petiod |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Annual period | Sermiannual period | Quarterly period | Monthly period |
| Al least | but less than |  |  |  |  |
| $\begin{array}{r} 11 \\ 12 \\ \hline \end{array}$ | $12$ | $\begin{aligned} & .896926 \\ & .889099 \end{aligned}$ | . | - |  |

Table F(12.8).-With Interest at 12.8 Percent, Showing factors for Computation of the adjusted Payout Rate for Cegtain Valuations
[Applicable ather April 30, 1989]

table F(13.0).-With Interest at 13.0 Percent, Showing Factors for Computation of the Adjusted Payout rate for Certain valuations
[Applicable atter April 30. 1989)


Table f(13.2).-With Interest at 13.2 Percent, Showing Factors for Computation of the aduusted Payout Rate for Certain Valuations
[Applicable after April 30, 1989)


Table F(13.4).-With Interest at 13.4 Percent, Showing Factors for Computation of the adjusted Payout Rate for Certain Valuations .
[Applicable after April 30, 1989]


Table F(13.6).-With Interest at 13.6 Percent, Showing factors for Computation of the adjusted Payout Rate for Certain Valuations.

- Applicable atter April 30, 1989]


Table F(13.8).-With interest at 13.8 Percent, showing factors for Computation of the adjusted Payout Rate for Certan valuations
[Applicable after Aprit 30, 1989]

table f(14.0).-With Interest at 14.0 Percent, Showing factors for Computanon of the adjusted Payout rate for Certain Valuations
[Applicable atter April 30, 1989 ]


Table $U(1)$--Based on life Table bocnsmt. Unitrust Single Life Remainder Factors
【Applicable After Apri! 30, 1989]

| Age | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4.2\% | 4.4\% | 4.6\% | 4.8\% | 5.0\% | 5.2\% | 5.4\% | 5.6\% | 5.8\% | 6.0\% |
| 0. | . 06797 | .06181 | . 05645 | . 05177 | . 04768 | . 04410 | . 04096 | . 03820 | .03578 | . 03364 |
| 1. | . 05881 | . 05243 | . 04685 | . 04199 | . 03773 | . 03400 | . 03072 | . 02784 | . 02531 | . 02308 |
| 2 | . 06049 | . 05394 | . 04821 | . 04319 | . 03880 | . 03494 | . 03155 | . 02856 | . 02593 | . 02361 |
| 3 | . 06252 | . 05579 | . 04990 | . 04473 | . 04020 | . 03621 | . 03270 | . 02961 | . 02688 | . 02446 |
| 4 | . 06479 | . 05788 | . 05182 | . 04650 | . 04183 | . 03771 | . 03408 | . 03087 | . 02804 | . 02553 |
| 5 | - . 06724 | . 06016 | . 05393 | . 04845 | . 04363 | . 03937 | . 03562 | . 03230 | . 02936 | . 02675 |
| 6 | . 06984 | . 06257 | . 05618 | . 05054 | . 04557 | . 04117 | . 03729 | . 03385 | . 03080 | . 02809 |
| 7 | . 07259 | .065:3 | . 05856 | . 05276 | . 04764 | . 04310 | . 03909 | . 03552 | . 03236 | . 02954 |
| 8 | -07548 | . 06784 | . 06109 | -05513 | . 04985 | . 04517 | . 04102 | . 03733 | . 03405 | .03113 |
| 9 .-.-.................... | . 07854 | .07071 | . 06378 | . 05765 | . 05221 | . 04738 | . 04310 | . 03928 | . 03588 | . 03285 |
| 10 | . 08176 | . 07374 | . 06663 | .06033 | . 05473 | . 04976 | . 04533 | . 04138 | . 03786 | . 03471 |
| 11 | .08517 | .07895 | . 06956 | . 06319 | . 05743 | . 05230 | . 04772 | . 04364 | . 04000 | . 03673 |
| 12 | .08872 | . 08031 | . 07284 | . 06619 | . 06026 | . 05498 | . 05026 | . 04604 | . 04227 | . 03889 |
| 13 | . 09238 | .08378 | . 07612 | . 06929 | . 06330 | . 05776 | . 05289 | . 04853 | . 04463 | . 04113 |
| 14 | . 09608 | . 08728 | . 07943 | .07243 | . 06616 | . 05056 | . 05554 | .05:04 | . 04701 | . 04338 |
| 15 | . 09981 | . 09081 | . 08276 | . 07557 | . 06914 | . 06337 | . 05820 | . 05356 | . 04938 | . 04563 |

table U(1)--Based on life Table 80CNSMT Unitrust Single life Remainoer Factors-Continued
[Applicable Atter April 30, 1989]

| Age | Adjusled payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4.2\% | 4.4\% | 4.6\% | 4.8\% | 5.0\% | 5.2\% | 5.4\% | 5.6\% | 5.8\% | 6.0\% |
| 16 | . 10356 | . 09435 | . 08612 | . 07874 | . 07213 | . 06619 | . 06086 | . 05607 | . 05176 | . 04787 |
| 17 | . 10733 | . 09792 | . 08949 | . 09192 | . 07513 | . 06902 | . 06353 | -. 05858 | . 05413 | . 05010 |
| 18 | .11117 | .10155 | . 09291 | . 08515 | . 07817 | . 07189 | . 06623 | . 06113 | . 05652 | . 05236 |
| 19 | . 11509 | .10526 | . 09642 | . 08847 | . 08130 | . 07484 | . 06901 | . 06375 | . 05899 | . 05469 |
| 20 | . 11913 | . 10908 | . 10003 | . 09188 | . 08452 | -07788 | . 07188 | . 06645 | . 06154 | . 05708 |
| 21 | . 12326 | . 11300 | . 10375 | . 09539 | . 08784 | . 08101 | . 07483 | . 06923 | 06416 | . 05955 |
| 22 | . 12753 | . .11705 | . 10758 | . 09902 | . 09127 | . 08426 | . 07789 | . 07212 | . 05688 | . 06212 |
| 23 | . 13195 | . 12125 | . 111156 | . 10279 | .09484 | . 08763 | . 08109 | . 07514 | . 06973 | 06481 |
| 24 | . 13655 | -12563. | . 11573 | . 10675 | . .09860 | .09119 | . 08446 | . 07833 | . 07274 | . 06766 |
| 25 | . 14136 | . 13022 | +12010 | . 11091 | . . 10255 | . 09495 | . 08802 | . 08171 | . 07595 | . 07069 |
| 26 | . 14640 | .13504 | . 12471 | . 11530 | . 10674 | . 09893 | . 09181 | . 08531 | . 07937 | . 07394 |
| 27 | . 15169 | . 14011 | . 12956 | -. 11994 | . 11117 | . 10316 | . 09584 | . 08915 | . 08302 | . 07742 |
| 28 | . 15721 | . 14542 | . 13465 | . 12482 | . 11583 | . 10762 | . 10010 | . 09322 | . 08691 | .08712 |
| 29 | . 16299 | . 15097 | . 13999 | . 12994 | . 12075 | . 11233 | . 10461 | . 09753 | . 09104 | . 08507 |
| 30 | . 16901 | . 15678 | . 14559 | . 13533 | . 12592 | . 11729 | . 10937 | . 10210 | . 09544 | . 08926 |
| 31 | . 17531 | . 16287 | . 15146 | . 14099 | . 13137 | . 12254 | .1144 | . 10694 | . 10006 | . 093372 |
| 32 | . 18186 | . 16921 | . 15759 | . 14691 | . 13709 | .12804 | . 11972 | . 11205 | . 10497 | . 09884 |
| 33 | . 18869 | .17584 | . 16401 | .15312 | . 14309 | . 13384 | . 12531 | . 11744 | . 1017 | . 10345 |
| 34 | . 19578 | .18273 | . 17070 | . 15961 | . 14937 | . 13992 | . 13119 | . 12312 | . 11565 | . 10874 |
| 35 | . 20315 | $\therefore .18990$ | . 17767 | .16637 | . 15593 | . 14628 | . 13735 | . 12908 | . 12142 | . 11431 |
| 36 | . 21076 | . 19732 | . 18490 | .17340 | . 16276 | . 15291 | . 14377 | . 13531 | . 12745 | - 12016 |
| 37 | 21863 | 20501 | . 19239 | . 18071 | . 16987 | . 15982 | . 15049 | . 14182 | . 13377 | . 72628 |
| 38 | 22676 | 21296 | . 20016 | $\cdot .18828$ | . 17725 | . 16701 | . 15748 | . 14862 | . 14037 | . 13269 |
| 39 | . 23515 | 22118 | - . 20820 | . 19614 | . 18492 | . 17448 | . 16476 | . 15571 | . 14727 | . 13940 |
| 40 | . 24379 | 22967 | . 21652 | $\because 20428$ | . 19288 | . 18225 | . 17234 | 16310 | . 15447 | . 14641 |
| 41 | . 25270 | . 23842 | . 22511 | $\because .21270$ | . 20112 | $\cdots .19031$ | . 18021 | . 17078 | . 16197 | . 15372 |
| 42 | . 26184 | -24742 | . 23395 | . 22137 | . 20962 | . 19884 | . 18836 | . 17875 | . 16975 | . 16132 |
| 43 | 27123 | 25666 | . 24305 | . 23031 | . 21840 | $\therefore .20724$ | . 19679 | . 18700 | . 17782 | . 16921 |
| 44 | 28085 | . 26616 | . 25241 | . 23952 | . 22745 | . 21613 | . 20551 | . 19554 | . 18668 | . 17739 |
| 45 | 29072 | - . 27591 | . 26203 | . 24901 | . 23678 | . 22530 | . 21452 | . 20438 | . 19485 | . 18589 |
| 46 | . 30082 | . .28591 | . 27191 | 25875 | - . 24639 | . 23476 | - .22381 | . 21352 | -20382 | . 19468 |
| 47 | . 31115 | . 29616 | . 28204 | . 26877 | . 25626 | . 24449 | . 23340 | . 22295 | . 21309 | . 20379 |
| 48 | . 32171 | . 30663 | . 29241 | . 27902 | . 25640 | . 25449 | . 24326 | . 23265 | . 22264 | -21318 |
| 49 | . 33245 | - 31730 | . 30300 | . 28950 | . 27676 | . 26473 | . 25336 | . 24262 | . 23246 | 22285 |
| 50 | . 34338 | . 32816 | . 31379 | -. 30020 | . 28735 | 27521 | . 26371 | . 25283 | -24253 | . 23277 |
| 51 | . 35449 | . 33923 | . 32479 | - . 31112 | 29818 | . 28593 | . 27431 | . 26331 | . 25287 | . 24297 |
| 52 | . 36582 | . 35053 | . 33603 | - 32230 | . 30927 | . 29692 | . 28520 | . 27408 | . 26352 | . 25349 |
| 53 | - 37736 | . 36205 | . 34751 | . 33372 | - . 32063 | . 30819 | . 29637 | 28514 | . 27446 | . 26431 |
| 54 | . 38909 | .37376 | . 35921 | . 34537 | .33221 | . 31970 | . 30780 | . 29647 | . 28569 | . 27542 |
| 55 | . 40099 | . 38568 | . 37111 | . 35724 | . 34404 | - 33145 | . 31949 | . 30807 | . 29719 | . 28681 |
| 56 | . 41308 | . 39779 | . 38322 | . 36934 | . 35610 | . 34348 | . 33143 | . 31994 | . 30898 | -29851 |
| 57 | . 42535 | .41011 | . 39555 | . 38167 | . 36841 | . 35575 | . 34366 | . 33210 | . 32106 | . 31051 |
| 58 | . 43781 | . 42262 | . 40810 | . 39422 | . 38096 | . 36828 | . 35615 | . 34454 | . 33344 | . 32281 |
| 59 | . 45043 | - 43530 | . 42083 | . 40698 | . 39373 | . 38104 | . 36888 | . 35724 | . 34609 | . 33540 |
| 60 | . 46318 | .44813 | . 43372 | . 41992 | . 40668 | .39400 | . 38183 | . 37017 | . 35898 | . 34824 |
| 61 | . 47502 | . 46107 | . 44674 | 43299 | . 47979 | . 40713 | . 39497 | . 38329 | . 37207 | $\begin{array}{r}.36129 \\ \hline 3744\end{array}$ |
| 62 | . 48893 | .47410 | . 45985 | .44617 | . 43303 | . 42039 | . 40825 | . 39657 | . 38534 | . 37454 |
| 63 | . 50190 | -48720 | . 47306 | . . 45946 | . 44638 | . 43379 | . 42168 | . 41001 | . 39878 | . 38796 |
| 64 | . 51494 | . 50038 | . 48636 | . 47286 | . 45986 | +44733 | . 43526 | . 42362 | 41240 42624 | . 40158 |
| 65 | . 52808 | . 51368 | . 49980 | . 48641 | . 47350 | . $46104^{\circ}$ | .44903 | 43743 | . 42624 | . 61544 |
| 66 | . 54134 | . 52711 | . 51338 | . 50013 | $\therefore .48733$ | . 47496 | . 46302 | . 45148 | . 44033 | . 42956 |
| 67 | . 55471 | . 54068 | . 52712 | . 51401 | . 50134 | . 48908 | . 47723 | . 46577 | . 45467 | . 44394 |
| 68 | . 56820 | . 55437 | . 54100 | . 52805 | . 51552 | .50339 | . 49165 | . 48027 | . 46925 | . 45858 |
| 69 | . 58172 | . 56812 | . 55495 | . 54219 | . 52982 | . 51783 | . 50620 | . 49494 | . 48401 | . 47341 |
| 70 | . 59526 | . 58190 | . 56894 | . 55637 | . 54417 | . 53234 | . 52085 | . 50971 | . 49889 | . 48838 |
| 71 | . 60874 | . 59564 | . 58291 | . 57055 | . 55854 | . 54687 | . 53554 | . 52453 | . 51382 | . 50342 |
| 72 | . 62218 | . 60934 | . 59685 | . 58471 | . 57291 | . 56143 | . 55026 | . 53939 | -52882 | . 51854 |
| 73 | . 63557 | . 62301 | . 61078 | . 59887 | . 58728 | . 57600 | . 56501 | . 55431 | . 54389 | . 53373 |
| 74 | . 64896 | . 63669 | . 62472 | . 61307 | . 60171 | . 59064 | . 57985 | -56932 | . 55906 | . 54906 |
| 75 | . 66237 | . 65040 | . 63872 | . 62733 | . 61622 | . 60538 | . 59480 | . 58447 | . 57439 | 56455 |
| 76 | . 67581 | . 66416 | . 65279 | - . 64168 | . 63083 | . 62023 | . 60988 | . 59977 | . 56989 | . 58023 |
| 77 | . 68925 | . 67793 | . 66688 | . 65606 | . 64550 | . 63516 | . 62506 | . 61517 | . 60557 | . 59605 |
| 78 | . 70263 | . 69166 | . 68093 | . 67044 | . 66016 | . 65010 | -64026 | . 63062 | . 62119 | . 61195 |
| 79 | . 71585 | . 70525 | . 69486 | . 68468 | . 67471 | . 66495 | .65538 | . 64600 | . 63681 | . 62780 |
| 80 | . 72885 | . 71860 | . 70856 | . 69872 | . 68906 | . 67959 | . 67031 | . 66120 | . 65227 | 64350 65890 |
| 81 | . 74150 | . 73162 | . 72193 | . 71242 | . 70308 | . 69392 | . 68492 | . 67609 | . 66742 | 65890 |
| 82 | . 75376 | . 74425 | . 73490 | . 72572 | . 71671 | . 70785 | .69915 | . 69059 | .68219 | . 67393 |
| 83 | . 76559 | . 75643 | . 74744 | . 73859 | . 72989 | . 72134 | . 71293 | .70456 | . 69652 | . 68852 |
| 84 | 77700 | . 76821 | . 75955 | .75104 | . 74266 | . 73441 | . 72629 | . 1831 | .71044 | .70270 |

Table U(1).-Baseo on Life Table 80CNSMT Unitrust Single life Remainoer Factors-Continued
[Applicable After April 30. 1989]

| Age | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4.2\% | 4.4\% | 4.6\% | 4.8\% | 5.0\% | 5.2\% | 5.4\% | 5.6\% | 5.8\% | 6.0\% |
| 85. | . 78805 | . 77961 | . 77130 | . 76311 | . 75505 | . 74711 | . 73929 | . 73158 | . 72399 | . 71652 |
| 86 | . 79866 | 79056 | . 78258 | . 77472 | . 76697 | . 75933 | . 75180 | . 74438 | . 73707 | . 72985 |
| - 87 | . 80870 | . 80094 | . 79329 | . 78574 | . 77829 | . 77095 | . 76370 | . 75656 | . 74851 | . 74255 |
| -88 ....................... | . 81825 | . 81081 | . 80348 | . 79623 | . 78908 | . 78202 | . 77506 | . 76818 | . 76139 | . 75469 |
| 89 ....................... | . 82746 | . 82035 | . 81332 | . 80638 | . 79952 | . 79275 | . 78606 | . 77945 | . 77292 | . 76647 |
| $90 . . . . . . . . . . . . . . . . . . . . . . . ~$ | . 83643 | . 82963 | .82291 | . 81627 | . 80971 | . 80322 | . 79681 | . 79047 | . 78420 | . 77801 |
| 91. | . 84503 | . 83854 | . 83212 | .82578 | . 81950 | . 81330 | . 80716 | . 80109 | 79509 | . 78915 |
| 92 | . 85308 | . 84689 | . 84076 | . 83470 | . 82870 | . 82276 | . 81689 | . 81107 | 80532 | . 79963 |
| 93 | . 86052 | . 85460 | . 84875 | . 84295 | . 83721 | . 83152 | . 82590 | . 82033 | . 81481 | . 80935 |
| 94 | . 86729 | . 86163 | . 85602 | . 85046 | . 84496 | . 83951 | . 83412 | . 82877 | . 82348 | . 81823 |
| 95 | . 87338 | . 86795 | . 86257 | . 85723 | . 85195 | . 84672 | . 84153 | . 83639 | . 83129 | . 82624 |
| 96 | . 87877 | . 87354 | . 86836 | . 86323 | . 85814 | . 85309 | . 84809 | . 84313 | . 83822 | .83334 |
| 97 | . 88365 | . 87861 | . 87362 | . 868867 | . 86375 | .85888 | . 85405 | . 84926 | . 84450 | . 83979 |
| 98. | .88805 | . 88318 | . 87835 | . 87356 | . 86880 | . 86409 | . 85941 | . 85477 | . 85016 | . 84559 |
| $99 . . . . . . . . . . . . . . . . . . . . . . ~$ | . 89210 | . 88739 | . 88271 | . 87807 | . 87347 | . 86890 | . 86436 | . 85986 | . 85539 | . 85095 |
| 100 | . 89588 | . 89131 | . 88678 | . 88227 | . 87780 | . 87337 | . 86896 | .86459 | . 86024 | . 85593 |
| 101 | . 89949 | . 89506 | . 89066 | . 88629 | . 88195 | . 87764 | . 87336 | . 86811 | . 86488 | . 86069 |
| 102 | . 90325 | . 89897 | . 89471 | -89047 | . 88627 | . 88209 | . 87794 | . 87381 | . 86971 | . 86564 |
| 103 ..................... | . 90724 | . 90311 | . 89900 | . 89491 | . 89085 | . 88681 | . 88279 | . 87880 | . 87484 | . 87089 |
| 104 ..................... | . 91167 | . 90770 | . 90376 | . 89983 | . 89593 | . 89205 | . 88819 | . 88435 | . 88053 | . 87673 |
| $105 . . . . . . . . . . . . . . . . . . . . . ~$ | . 91708 | .91333 | . 90959 | . 90587 | . 90217 | . 39848 | . 89481 | . 89116 | . 88752 | . 88391 |
| 106 | . 92470 | . 92126 | . 91782 | . 91440 | . 91100 | . 90760 | . 90422 | . 90085 | . 89749 | . 89414 |
| 107 | . 93545 | . 93246 | . 92948 | . 92650 | . 92353 | . 92057 | . 91762 | . 91467 | . 91173 | . 90880 |
| 108 | . 95239 | . 95016 | . 94792 | . 94569 | . 94348 | . 94123 | . 93900 | . 93678 | . 93456 | . 93234 |
| 109 ..................... | . 97900 | . 97800 | . 97700 | . 97600 | . 97500 | . 97400 | . 97300 | . 97200 | 97100 | . 97000 |

Table U(1).-Based on Lfe Table 80CNSMT Unitrust Single Life Remainder Factors
[Applicable After April 30, 1989 ]

| Age | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6.2\% | 6.4\% | 6.6\% | 6.8\% | 7.0\% | 7.2\% | 7.4\% | 7.6\% | 7.8\% | 8.0\% |
| 0 | . 03176 | . 03009 | . 02861 | . 02730 | . 02613 | . 02509 | . 02416 | .02333 | . 02258 | . 02191 |
| 1 | . 02110 | . 01936 | . 01781 | . 01644 | . 01522 | . 01413 | . 01316 | . 01229 | . 01150 | . 01080 |
| 2 | . 02156 | . 01974 | . 01812 | . 01669 | . 01549 | . 01427 | . 01325 | . 01234 | . 01152 | . 01078 |
|  | . 02233 | . 02043 | . 01875 | . 01725 | . 01591 | . 01471 | . 01364 | . 01268 | . 01182 | . 01105 |
|  | . 02330 | . 02132 | . 01956 | . 01800 | . 07660 | . 01535 | . 01422 | . 01322 | . 01231 | .01149 |
| 5 | . 02443 | . 02237 | . 02054 | . 01890 | . 01743 | . 01612 | . 01494 | . 01389 | . 01293 | . 01208 |
|  | .02568 | . 02353 | . 02162 | . 01990 | . $0 \backslash 837$ | .0:700 | . 01576 | . 01465 | . 01365 | . 01275 |
| 7 | . 02704 | . 02480 | . 02280 | . 02102 | . 01941 | . 01798 | . 01668 | . 01552 | . 01446 | . 01351 |
| 8 | . 02852 | . 02619 | . 02411 | . 02224 | . 02057 | . 01906 | . 01770 | . 01648 | . 01537 | . 01437 |
| 9 ........................ | . 03014 | . 02772 | . 02554 | . 02360 | . 02184 | . 02027 | . 01885 | . 01756 | . 01640 | . 01535 |
| to ...................... | . 03190 | . 02938 | . 02711 | . 02508 | . 02325 | . 02160 | . 02012 | . 01877 | . 01755 | . 01645 |
| 11 ...................... | . 03381 | . 03119 | . 02883 | . 02672 | . 02481 | . 02308 | . 02153 | .020:2 | . 01884 | . 01768 |
| 12. | . 03585 | . 03313 | . 03068 | . 02847 | . 02648 | . 02468 | . 02305 | . 02157 | . 02023 | . 01902 |
| 13 ...................... | . 03798 | . 03515 | . 03260 | . 03030 | . 02822 | . 02635 | . 02464 | . 02310 | . 02170 | . 02042 |
| 14. | . 04012 | . 03718 | . 03453 | . 03213 | . 02997 | . 02801 | . 02623 | . 02462 | . 02315 | . 02181 |
| $15 . . . . . . . . . . . . . . . . . . . . . . . ~$ | . 04225 | . 03919 | . 03644 | . 03395 | . 03169 | . 02965 | . 02779 | . 02611 | . 02457 | . 02317 |
| $16 . . . . . . . . . . . . . . . . . . . . . . . ~$ | . 04436 | . 04120 | . 03833 | . 03574 | . 03339 | . 03126 | . 02932 | . 02756 | . 02595 | . 02449 |
| 17 | . 04647 | . 04379 | . 04021 | . 03752 | . 03507 | . 03285 | . 03082 | . 02898 | . 02730 | . 02577 |
| 18 | . 04860 | . 04519 | . 04210 | . 03930 | . 03675 | . 03443 | . 03232 | . 03040 | . 02864 | . 02703 |
| 19 :...................... | . 05079 | . 04725 | . 04404 | . 04113 | . 03847 | . 03606 | . 03386 | . 03185 | . 03001 | . 02833 |
| $20 . . . . . . . . . . . . . . . . . . . . . . . ~$ | . 05304 | . 04838 | . 04604 | . 04301 | . 04025 | . 03773 | . 03543 | . 03333 | . 03141 | . 02965 |
| 21. ...................... | . 05537 | . 05157 | . 04811 | . 04495 | . 04208 | . 03945 | . 03705 | . 03486 | . 03285 | . 03101 |
| 22. | . 05779 | . 05385 | . 05025 | . 04698 | . 04398 | . 04125 | .03874 | .03645 | . 03435 | . 03242 |
| 23 | . 06032 | . 05623 | . 05250 | . 04910 | . 04598 | . 04313 | . 04052 | . 03812 | . 03592 | . 03390 |
| 24. | . 06302 | . 05878 | . 05491 | . 05136 | . 04812 | . 04515 | . 04242 | . 03992 | . 03762 | . 03550 |
| 25. | . 06589 | . 06150 | . 05748 | . 05380 | . 05042 | . 04733 | -04448 | . 04187 | . 03946 | . 03725 |
| 26. | . 06897 | . 06442 | . 06625 | . 05643 | . 05292 | . 04969 | . 04673 | . 04400 | . 04148 | . 03916 |
| 27 | . 07228 | . 06757 | . 06325 | . 05928 | . 05563 | . 05227 | . 04917 | . 04632 | . 04369 | . 04126 |
| 28. | . 07582 | . 07094 | . 06646 | . 06234 | . 05854 | . 05504 | . 05182 | . 04884 | . 04609 | . 04355 |
| 29 | . 07958 | . 07454 | . 06990 | . 06562 | . 06167 | . 05804 | . 05468 | . 05157 | . 04870 | . 04604 |
| 30 | . 08360 | . 07838 | . 07357 | . 06913 | . 06504 | . 06125 | . 05775 | . 05452 | . 05152 | . 04874 |
| 31. | . 08788 | . 08249 | . 07751 | . 07291 | . 06866 | . 06472 | . 06108 | . 05771 | . 05457 | . 05167 |
| $32 . . . . . . . . . . . . . . . . . . . . . . ~$ | . 09242 | . 08685 | .08170 | . 07694 | . 07252 | . 06844 | . 06465 | .06113 | . 05786 | . 05483 |
| $33 . . . . . . . . . . . . . . . . . . . . . . ~$ | . 09724 | . 09149 | . 08617 | . 08982 | . 07666 | . 07242 | . 06848 | . 06482 | . 06141 | . 05824 |
| $34 . . . . . . . . . . . . . . . . . . . . . . . ~$ | . 10234 | . 09641 | . 09091 | . 08581 | 08107 | . 07667 | . 07257 | . 06876 | . 06521 | .0619 ${ }^{1}$ |

Table U(1).-Based on Lfe Table 80CnsmT Unitrust Single life Remamder Factors-Continued
[Applicable Aftor April 30, 1989]

|  | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age . | 6.2\% | 6.4\% | .6.6\% | . $6.8 \%$ | 7.0\% | 7.2\% | 7.4\% | 7.6\%. | 7.8\% | 8.0\% |
| $35 \ldots$ | .10773 | . 10161 | . 09594 | . 09066 | . 08575 | . 08119 | . 07694 | - 077298 | . 06.928 | . 06583 |
| 35 | . 11338 | .10708 | . 10122 | . 09577 | . 09070 | . 08597 | . 08156 | . 07744 | . 07360 | . 07009 |
| 37 | . 11932 | .11283 | . 10680 | . 10117 | . 09592 | . 09102 | . 08645 | . 08217 | . 07818 | . 07444 |
| 38 | . 12554 | . 11887 | . 11265 | . 10685 | . 10142 | . 09636 | . 09762 | . 08719 | . 08304 | 07915 |
| 39 | .13206 | . 12521 | . 11880 | : 11282 | . 10722 | . 10198 | .09708 | . 09249 | .088:8 | . 08414 |
| 40 | . 13888 | -. 13184 | . 12526 | . 11909 | .11332 | . 10791 | . 10284 | . 09808 | . 09361 | .08942 |
| 41 | .14601 | . 13878 | .13201 | . 12567 | .11972 | . 11414 | . 10890 | .10398 | . 09935 | . 09499 |
| 42 | .15342 | . 14601 | .13906 | .13254 | . 12641 | . 12066 | . 11525 | . 11016 | .10537 | . 10086 |
| 43 | . 16112 | . 15353 | . 14640 | .13970 | . 13340 | . 12747 | . 12189 | . 11663 | .1168 | . 10709 |
| 44 | . 16913 | .16136 | . 15406 | .14718 | . 14070 | .13460 | . 12885 | . 12342 | . 11830 | . 11347 |
| 45 | .17745 | . 16951 | . 16202 | . 15487 | . 14832 | . 14204 | . 13612 | . 13053 | .12525 | .12025 |
| 46 | . 18608 | . 17796 | . 17030 | . 16308 | . 15625 | . 14981 | . 14372 | . 13796 | .13251 | .12735 |
| 47 | . 19501 | . 18673 | .17890 | . 17150 | . 16451 | . 15790 | . 15164 | . 14571 | . 14010 | . 13478 |
| 48 | .20425 | . 19579 | . 18780 | . 38024 | . 17308 | .16630 | . 15987 | .15378 | . 14800 | . 14252 |
| 49 | 21375 | 20514 | . 19698 | . 18926 | .18193 | . 17499 | . 16840 | . 16214 | . 76220 | . 15056 |
| 50 | 22352 | 21476 | . 20644 | . 19856 | .19107 | . 18396 | . 17721 | . 17080 | . 16470 | . 158930 |
| 51 | 23358 | . 22467 | 21620 | 20816 | 20051 | . 19325 | .18634 | . 17976 | .17350 | . 16755 |
| 52 | 24396 | 23490 | . 22628 | 21809 | 21030 | 20288 | . 19581 | . 18908 | . 18267 | . 17655 |
| 53 | . 25465 | . 24545 | 23570 | . 22836 | 22042 | . 21285 | 20563 | .19875 | . 19218 | . 18592 |
| 54 | . 26563 | 25631 | 24742 | 23895 | . 23086 | 22315 | 21579 | 20876 | . 20204 | . 19562 |
| 55 | 27692 | . 26747 | 25046 | 24986 | . 24164 | . 23379 | . 22628 | 21911 | 21225 | 20568 |
| 56 | 28850 | 27895 | 26882 | 26109 | 25275 | . 24476 | 23712 | 22981 | 22281 | 21617 |
| 57 | . 30041 | 29076 | 28152 | . 27267 | . 26421 | . 25610 | . 24833 | 24089 | . 23376 | 22691 |
| 58 | . 31263 | - 30288 | . 29355 | 28460 | 27602 | . 26780 | 25991 | 25234 | 24508 | 23811 |
| 59 | 32515 | -. 31532 | 30590 | $\because 29685$ | . 28817 | 27984 | 27184 | . 26416 | . 25677 | -24968 |
| 60 | $=.33793$ | . 32803 | . 31853 | . 30940 | . 30062 | . 29219 | . 28409 | . 27630 | . 26880 | 26159 |
| 61 | . 35093 | . 34098 | . 33141 | . 32220 | . 31335 | . 30483 | . 29663 | . 28873 | . 28113 | 27381 |
| 62 | . 36414 | . 35414 | . 34454 | . 33524 | . 32631 | . 31771 | . 30942 | . 30144 | . 29374 | 28631 |
| 63 | 37754 | . 36750 | . 35783 | . 34850 | . 33951 | . 33084 | . 32247 | . 31440 | . 30661 | . 29910 |
| 64 | . 39115 | . 38108 | . 37137 | . 36200 | . 35296 | - . 34422 | . 33579 | . 32765 | 31978 | . 31217 |
| 65 | . 40500 | . 39493 | . 38519 | . 37579 | . 36670 | . 35792 | . 34943 | . 34122 | . 33328 | 32560 |
| 66 | . 41914 | . 40906 | . 39932 | . 38990 | . 38079 | . 37197 | :36343 | . 35517 | . 34717 | . 33943 |
| 67 | . 43355 | . 42350 | . 41376 | . 40434 | . 39521 | . 38636 | . 37780 | . 36950 | . 36145 | . 35365 |
| 68 | . 44824 | . 43822 | . 42851 | . 41909 | . 40996 | . 40111 | . 39252 | . 38419 | . 37614 | . 36827 |
| 69 | -46313 | . 45316 | . 44348 | . 43409 | . 42498 | . 41613 | . 40754 | . 39919 | . 39109 | . 38322 |
| 70 | . 47818 | . 46827 | . 458864 | .44329 | . 44020 | . 43137 | . 42279 | . 41445 | . 406334 | . 39845 |
| 71 | . 49331 | . 48348 | . 47391 | . 48461 | . 45557 | . 44677 | . 43821 | . 42988 | . 42177 | . 41388 |
| 72 | . 50853 | . 498879 | . 48930 | . 48007 | . 47108 | . 46233 | .45330 | . 44550 | . 43741 | . 42952 |
| 73 | . 52384 | . 51421 | . 50482 | . 49566 | -48674 | . 47805 | . 46957 | . 46130 | . 45324 | . 44538 |
| 74 | . 53930 | .52979 | . 52050 | -51145 | . 50261 | . 49399 | . 48557 | . 47736 | . 46934 | . 46152 |
| 75 | . 55495 | 54557 | . 53641 | . 52747 | . 51873 | -51020 | 50187 | . 49372 | - 48577 | . 47799 |
| 76 | . 57079 | . 56157 | -55256 | -54374 | . 53513 | . 52670 | . 51847 | . 51041 | 50253 | 49483 |
| 77 | 58680 | . 57775 | .56890 | . 56024 | . 55176 | . 54346 | . 53534 | . 52739 | . 51960 | . 51198 |
| 78 | . 60291 | . 59405 | . 58537 | . 57687 | . 568855 | . 56040 | 55241 | . 54458 | . 53631 | -52940 |
| 79 | . 61898 | . 61032 | . 60184 | . 59353 | 58537 | . 57738 | . 56954 | . 56185 | . 55431 | . 54694 |
| 80 | . 63498 | -62647 | . 61819 | . 61007 | . 50210 | . 59428 | . 58660 | . 57907 | . 57167 | . 56441 |
| 81 | . 65054 | . 64234 | . 63427 | . 62636 | . 61858 | . 61094 | . 60344 | . 59606 | . 58882 | 58170 |
| 82 | . 66582 | . 65784 | . 65000 | . 64229 | . 63472 | . 62727 | . 61994 | . 61274 | . 60566 | . 59870 |
| 83 | . 68065 | . 67291 | . 66530 | . 65781 | . 65044 | . 64319 | . 63605 | .62903 | . 62212 | . 61532 |
| 84 | . 69508 | . 68758 | . 88020 | .67293 | . 66577 | . 65872 | . 65178 | . 64495 | . 63821 | . 63158 |
| 85 | . 70915 | . 70190 | . 69475 | . 68770 | . 68076 | . 67392 | . 667118 | . 65054 | . 65399 | . 64754 |
| 86 | . 72274 | . 71573 | . 70882 | .70200 | . 69528 | . 68865 | . 68212 | . 67567 | . 669331 | . 66304 |
| 87 | . 73569 | . 72892 | . 72224 | . 71565 | . 70915 | . 70273 | . 69639 | . 69014 | . 68397 | . 67788 |
| 88 | . 74807 | .74154 | . 73509 | . 72872 | 72243 | . 71622 | . 71009 | . 70403 | . 69805 | . 69214 |
| 89 | . 76010 | . 75381 | .74759 | .74144 | .73537 | . 72937 | . 72344 | . 71758 | .71179 | . 70607 |
| 90 | . 77189 | . 76584 | . 75985 | . 75394 | . 74909 | . 74230 | . 73659 | . 73093 | . 72534 | . 71981 |
| 91 | . 78327 | . 77746 | . 77171 | . 76603 | . 76040 | . 75484 | .74933 | .74388 | .73850 | . 73316 |
| 92 | . 79399 | . 78841 | . 78289 | .77743 | .77202 | . 76667 | .76137 | . 75613 | . 75093 | . 74579 |
| 93 | . 80394 | . 79858 | . 79328 | . 78803 | . 78283 | . 77769 | . 77258 | . 76753 | . 76252 | . 75757 |
| 94 | . 81303 | . 80788 | . 80278 | . 79773 | . 79272 | . 78776 | . 78284 | . 77797 | . 77315 | . 76637 |
| 95 | . 82124 | . 81628 | .81136 | . 80649 | . 60166 | . 79687 | .79213 | . 78742 | . 78276 | . 77814 |
| 96 | . 82851 | . 82372 | . 81897 | . 81426 | . 809959 | . 80496 | .80036 | . 79581 | . 79129 | . 78682 |
| 97 | . 83512 | . 83048 | . 82588 | . 82132 | . 81679 | . 81230 | . 80785 | . 80343 | .79905 | 79471 |
| 98 | . 84106 | . 83656 | . 83210 | . 82767 | .82328 | . 81892 | . 81459 | . 81030 | . 80604 | . 80181 |
| 99 | . 84655 | . 84218 | . 83785 | . 83354 | . 82927 | . 82503 | . 82082 | . 81664 | . 81249 | . 80837 |
| 100 | . 85165 | . 84740 | . 84318 | .83899 | . 83483 | . 83070 | . 82660 | . 82252 | . 81848 | . 81446 |
| 101 | . 85652 | . 85238 | . 84827 | . 84419 | . 84013 | . 83611 | . 83210 | . 82813 | . 82418 | . 82026 |
| 102 | .86159 | . 85757 | . 85358 | . 84960 | .84566 | . 84174 | . 83784 | . 83397 | . 83012 | . 826330 |
| 103 | . 86697 | .86307 | . 85920 | . 85535 | -. 85152 | .84771 | . 84392 | . 84016 | . 83642 | . 83270 |

table U（1）．－based on life Table 80CNSMT Unitrust Single life Remainder factors－Continued
\｛Applicable After April 30，1989\}

| Age | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6．2\％ | 6．4\％ | 6．6\％ | 6．8\％ | 7．0\％ | 7．2\％ | 7．4\％ | 7．6\％ | 7．8\％ | 8．0\％ |
| 104 ．．．．．．．．．．．．．．．．．．．．． | ． 87295 | ．869：9 | ． 86544 | ． 86172 | ． 85802 | ． 85434 | ． 85068 | ． 84704 | ． 84341 | ． 83981 |
| 105 ．．．．．．．．．．．．．．．．．．． | ． 88030 | ． 87672 | ． 87315 | ． 86959 | ． 86605 | ． 86253 | ． 85903 | ． 85554 | ． 85207 | ． 84861 |
| 106 ．．．．．．．．．．．．．．．．．．．．． | ． 89081 | ． 88749 | ． 88418 | ． 88088 | ． 87760 | ． 87433 | ． 87106 | ． 86782 | ．86458 | ． 86135 |
| 107 ．．．．．．．．．．．．．．．．．．．．． | ． 90588 | ． 90296 | ． 90005 | ． 89715 | ． 89425 | ． 89137 | ． 88849 | ． 88567 | ． 88275 | ． 87989 |
| 108 ．．．．．．．．．．．．．．．．．．．．． | ． 93013 | ． 92797 | ． 92570 | ． 92350 | ． 92129 | ． 91909 | ． 91689 | ． 91469 | ． 91250 | ． 91031 |
| 109 ．．．．．．．．．．．．．．．．．．．．． | ． 96900 | ． 96800 | ． 96700 | ． 96600 | ． 96500 | ． 96400 | ． 96300 | ． 96200 | ． 96100 | ． 96000 |

Table U（1）－－Based on life Table bocnsmt Unitrust Single Llfe Remainder factors
［Applicable atter APRIL 30，1989］

| Age | Adjusted payout rate ${ }^{-}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8．2\％ | 8．4\％ | 8．6\％ | 8．8\％ | 9．0\％ | 9．2\％ | 9．4\％ | 9．6\％ | 9．8\％ | 10．0\％ |
| 0 | ． 02130 | ． 02075 | ． 02025 | ． 01980 | ． 01939 | ． 01901 | ． 01867 | ． 01835 | ． 01806 | ． 01779 |
| 1 | ． 01017 | ． 00960 | ． 00908 | ． 00861 | ． 00819 | ． 00780 | ． 00745 | ．00712 | ． 00683 | ． 006655 |
| 2 | ． 01011 | ． 00951 | ． 00897 | ． 00848 | ．00803 | ． 00762 | ． 00725 | ． 00690 | ． 00659 | ． 006330 |
| 3 | ． 01035 | ． 00971 | ． 00914 | ． 00862 | ． 00815 | ． 00771 | ． 00732 | ． 00696 | ． 00663 | ． 00632 |
| 4 | ． 01076 | ． 01009 | ． 00948 | ． 00894 | ． 00843 | ．00798 | ． 00756 | ． 00718 | ． 00683 | ． 00650 |
| 5 | ． 011130 | ． 01059 | ． 00996 | ． 00938 | ．00885 | ． 00836 | ． 00792 | ． 00752 | ．00714 | ．00680 |
| 6 | ． 01193 | ． 01119 | ． 01051 | ．00990 | ． 00934 | ． 00883 | ． 00836 | ． 00793 | ． 00754 | ． 00717 |
| 7 | ．01265 | ． 01187 | ． 01116 | ． 01051 | ． 00992 | ． 00938 | －． 00888 | ． 00842 | ． 00800 | ． 00762 |
| 8 | ． 01347 | ． 01264 | ． 01189 | ． 01121 | ． 01058 | .01001 | ． 00948 | ． 00900 | ．00856 | 00815 |
| 9 | ． 01440 | ． 01353 | ． 01274 | ． 01201 | ． 01135 | ． 01075 | ． 01019 | ． 00968 | ． 00321 | 00877 |
| 10 | ． 01544 | ． 01453 | $\therefore .01369$ | ． 01293 | ． 01223 | ． 01159 | ． 01101 | ． 01046 | ． 00997 | ． 00950 |
| 11. | $\cdots .01662$ | ． 01566 | ． 01478 | ．01398 | ． 01324 | ． 01257 | ． 01195 | ． 01137 | ．01085 | $\therefore 01035$ |
| 12 | － 01791 | ． 01690 | ． 01597 | ． 01513 | －01435 | ． 01364 | ．0t298 | ． 01238 | ． 01182 | ． 01131 |
| 13 | ． 01926 | ． 01820 | ． 01722 | ． 01634 | ． 01552 | ． 01477 | ． 01408 | ． 01344 | ． 01285 | ． 01231 |
| 14 | －． 02059 | ． 01948 | ．01846 | ． 01752 | ． 01667 | ． 01588 | ． 01515 | ． 01448 | ． 01386 | ． 01328 |
| 15 | ． 02189 | ． 02072 | ． 01965 | ． 01867 | ． 01777 | ． 01694 | ． 01617 | ． 01547 | ． 01481 | ． 01421 |
| 16 | ． 02315 | ． 02192 | ． 02080 | ． 01977 | ． 01882 | .01795 | ． 01714 | ． 01640 | ． 01572 | ． 01508 |
| 17 | ． 02436 | ． 02308 | ． 02190 | ． 02082 | ． 01982 | ． 01891 | ． 01806 | ．09728 | ． 01656 | ． 01589 |
| 18 | ． 02556 | ． 02422 | ． 02298 | ． 02184 | ． 02080 | ． 01983 | ． 01894 | ． 01812 | ． 01736 | ． 01665 |
| 19 | ． 02679 | ． 02537 | ． 02408 | ． 02288 | ． 02178 | ． 02077 | ． 01983 | ． 01897 | ． 01817 | ． 01742 |
| 20 | ． 02804 | ． 02656 | ． 02519 | ． 02394 | ． 02278 | ． 02172 | ． 02073 | ． 01982 | ． 01898 | －01819 |
| 21 | ． 02932 | ． 02776 | ． 02633 | ． 02501 | ． 02380 | ． 02268 | ． 02164 | ． 02068 | ． 01979 | ． 01896 |
| 22 | ． 03065 | ． 02902 | ． 02751 | ． 02613 | ． 02485 | ． 02367 | ． 02258 | ． 02157 | ． 02063 | ． 01976 |
| 23 | ． 03204 | ． 03033 | ． 02876 | ． 02730 | ． 02595 | ． 02471 | ． 02356 | ． 02249 | ． 02150 | ． C 2058 |
| 24 | ． 03356 | ． 03176 | ． 03010 | ． 02857 | ． 02716 | ． 02585 | ． 02463 | ． 02351 | ． 02246 | ． 02149 |
| 25 | ． 03520 | ． 03332 | ．03：58 | ．02997 | ． 02848 | ． 02710 | ． 02582 | ． 02463 | ． 02352 | ． 62249 |
| 26 | ． 03702 | ． 03504 | ． 03321 | ． 03152 | ． 02995 | ． 02850 | ． 02714 | ． 02589 | ． 02472 | ． 2363 |
| 27 | ． 03902 | ． 03695 | ． 03502 | ． 03324 | ． 03159 | ． 03006 | ． 02863 | ． 02730 | ． 02607 | ． 02492 |
| 28 | ． 04120 | ． 03902 | ． 03700 | ． 03513 | ． 03339 | ． 03178 | ． 03027 | ． 02887 | ． 02757 | ．02635 |
| 29 | ． 04358 | ． 04129 | ． 03917 | ． 03720 | ． 03537 | ． 03367 | ． 03208 | ． 03061 | ． 02923 | ． 02794 |
| 30 | ． 04616 | ． 04376 | ． 04154 | ． 03947 | ． 03754 | ． 03575 | ． 03408 | ． 03251 | ． 03106 | ． 02969 |
| 31 | ． 04897 | ． 04646 | ． 04413 | ． 04195 | ． 03993 | ． 03804 | ． 03627 | ． 03463 | ． 03309 | ． 03165 |
| 32 | ． 05200 | ． 04938 | ． 04693 | ． 04465 | ． 04252 | ． 04053 | ． 03867 | ． 03693 | ． 03531 | ． 03378 |
| 33 | ． 05529 | ． 05254 | ． 04998 | ． 04758 | ． 04534 | ． 04325 | ． 04130 | ． 03946 | ． 03775 | ． 03614 |
| 34 | ． 05883 | ． 05595 | ． 05326 | ． 05075 | ． 04840 | ． 04620 | ． 04414 | ． 04221 | ． 04040 | ． 03870 |
| 35 | ． 06262 | ． 05961 | ． 05680 | ． 05417 | ． 05170 | ． 04939 | ． 04723 | ． 04520 | ． 04329 | ． 04149 |
| 36 | ． 06665 | ． 06351 | ． 06057 | ． 05781 | ． 05523 | ． 05280 | ． 05053 | ． 04839 | ． 04638 | ． 04449 |
| 37 | ． 07094 | ． 06766 | ． 06459 | ． 06171 | ． 05900 | ． 05646 | ． 05407 | ． 05182 | ． 04971 | ． 04771 |
| 38 | ． 07550 | ． 07208 | ． 06888 | ． 06586 | ． 06303 | ． 06037 | ． 05786 | ． 05550 | ． 05327 | ． 05118 |
| 39 | ． 08034 | ． 07678 | ． 07344 | ． 07029 | ． 06733 | ．06454 | ． 06191 | ． 05943 | ． 05709 | ．05489 |
| 40 | －． 08547 | ． 08177 | ． 07828 | ． 07499 | ． 07190 | ． 06898 | ． 05623 | ． 06363 | ． 06118 | ． 05886 |
| 41 | ． 09090 | ． 08704 | ． 08341 | ． 07998 | ． 07675 | ． 07371 | ． 07083 | ． 06811 | ． 06553 | ．06310 |
| 42 | ． 09661 | ． 09260 | ． 08882 | ． 08525 | ．08188 | ． 07870 | ． 07569 | ． 07284 | ． 07015 | ． 06760 |
| 43 | ． 10260 | ． 09844 | ． 09451 | ． 09080 | ． 08729 | ． 08397 | ． 08083 | ． 07785 | ． 07503 | ． 07236 |
| 44 | ． 10891 | ． 10459 | ． 10051 | ． 09666 | ． 09300 | ． 08954 | ． 08626 | ． 08316 | ． 08021 | ． 07741 |
| 45 | ． 11553 | ． 11106 | ． 10583 | ． 10282 | ． 09902 | ． 09542 | ． 09208 | ． 08876 | ．08558 | ． $\mathrm{C8} 276$ |
| 46 | .12247 | .11784 | ． 11346 | .10930 | .10536 | ． 10161 | ． 09806 | ． 09468 | ． 09145 | ．C8844 |
| 47 | ． 12974 | ． 12496 | ． 12042 | ． 11611 | ． 11202 | ． 10813 | ． 10443 | ． 10091 | ．09755 | ． 69438 |
| 48 | ． 13732 | ． 13238 | ． 12769 | ． 12323 | ． 11899 | ． 11495 | ． 11111 | ． 10745 | ． 10397 | ． 10065 |
| 49 | ． 14520 | .14011 | ． 13526 | ． 13064 | ． 12625 | ． 12207 | ． 11809 | ． 11429 | ．11055 | ． 10721 |
| 50 | ． 15338 | ． 14812 | ． 14312 | ． 13836 | ． 13381 | ． 12948 | ． 12535 | ． 12141 | ． 11765 | ． 1.405 |
| 51 | ． 16187 | ． 15646 | ． 15130 | ． 14639 | ． 14169 | －13721 | ． 13294 | ． 12885 | ．12405 | .12121 |
| 52 | ． 17072 | ． 16516 | ． 15985 | ． 15478 | ． 14993 | ． 14531 | ． 14088 | ． 13665 | 1323： | － $1<873$ |
| 53 | ． 17993 | ． 17422 | ． 16876 | ． 16353 | ． 15854 | ． 15377 | ． 14920 | ． 14482 | －14こご年 | ．13262 |

Table U(i)-based on lfe Table 80CnSmt Unitrust Single life Remainder Factors-Continued
[Applicable atter APRIL 30, 1989]

| Age | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8.2\% | 8.4\% | 8.6\%' | 8.8\% | 9.0\% | 9.2\% | 9.4\% | 9.6\% | 9.8\% | 10.0\% |
|  | . 18949 | . 18362 | . 17801 | . 17264 | . 16750 | . 36258 | . 15787 | . 15335 | . 14902 | . 14486 |
| 55. | . 19940 | . 19339 | . 18763 | . 18212 | . 17683 | . 17176 | . 16690 | . 16224 | . 15777 | . 15348 |
|  | . 20968 | . 20353 | . 19762 | . 19196 | . 18654 | . 18132 | . 17632 | . 17152 | . 16697 | . 16247 |
|  | 22035 | . 21406 | . 20802 | . 20222 | . 19665 | . 19129 | . 38615 | . 18121 | . 77646 | . 17189 |
| 58 | 23142 | . 22499 | . 21881 | . 21287 | 20717 | . 20168 | . 19640 | . 19132 | . 18643 | . 18172 |
|  | 24286 | 23630 | 23000 | . 22393 | . 21809 | . 21247 | -20705 | . 20184 | . 19682 | . 19198 |
| 60. | 25465 | . 24797 | 24154 | . 23534 | . 22938 | . 22363 | . 21808 | . 21274 | . 20759 | 20262 |
| 61. | . 26676 | . 25996 | 25341 | . 24710 | . 24101 | . 23513 | . 22946 | 22393 | 21871 | 21361 |
| 62 | 27916 | . 27225 | . 26559 | . 25916 | . 25295 | . 24695 | . 24117 | . 23557 | . 23017 | 22495 |
| 63 | . 29184 | . 28483 | . 27806 | 27152 | . 26520 | . 25909 | . 25319 | . 24748 | . 24196 | . 23661 |
|  | . 30483 | . 29772 | . 29085 | 28421 | . 27779 | . 27157 | 26555 | . 25973 | 25409 | . 24863 |
| 65 | . 31817 | . 31098 | . 30402 | 29729 | . 29076 | . 28444 | . 27832 | . 27240 | . 27665 | . 26108 |
| 66 | . 33192 | . 32465 | . 31762 | . 31079 | . 30418 | 29777 | 29155 | 28552 | . 27968 | . 27400 |
| 67 | . 34609 | . 33876 | . 33164 | . 32474 | . 31805 | . 31156 | . 30525 | . 29913 | . 29319 | 28742 |
| 68 | . 36056 | 35328 | . 34610 | -33914 | . 33238 | . 32581 | . 31943 | . 31323 | . 30720 | . 30134 |
| 69 | . 37558 | 36815 | 36093 | . 35391 | . 34709 | . 34045 | . 33400 | . 32773 | . 32163 | . 31569 |
|  | . 39078 | . 38332 | . 37606 | . 36900 | 36213 | . 35545 | . 34894 | . 34260 | . 33643 | . 33042 |
| 71 | . 40620 | 39872 | . 39144 | . 38435 | . 37744 | . 37071 | . 36415 | . 35776 | . 35153 | . 34547 |
| 72 | . 42184 | . 41435 | . 40706 | . 39994 | . 39301 | . 38625 | . 37965 | . 37322 | 36694 | . 36082 |
| 73 | . 43771 | . 43023 | . 42293 | .41581 | . 40886 | . 40207 | . 39545 | . 38899 | . 38267 | 37651 |
| 74 ............-.......... | . 45387 | . 44641 | . 43912 | . 43201 | . 42505 | . 41826 | . 41163 | . 40514 | 39881 | . 39261 |
| 75 .-........--.......- | . 47039 | . 46296 | . 45570 | . 44861 | . 44167 | . 43488 | . 42824 | . 42175 | . 41541 | . 40920 |
| 76 | . 48729 | . 47991 | . 47269 | . 46553 | . 45872 | . 45196 | . 44534 | . 43886 | . 43251 | . 42630 |
| 77 -_................... | 50452 | . 49722 | . 49006 | . 48305 | . 47619 | . 46946 | . 46287 | . 45642 | . 45009 | . 44389 |
| 78 | . 52203 | . 51481 | . 50773 | . 50079 | . 49399 | . 48732 | . 48078 | . 47437 | . 46808 | . 46191 |
| 79 | . 53966 | . 53254 | . 52556 | . 51870 | - 51198 | . 50538 | .49891 | . 49255 | . 48632 | . 48019 |
| 80. | . 55728 | . 55028 | . 54340 | . 53665 | . 53002 | . 52351 | . 51712 | . 51083 | . 50466 | . 49860 |
| 81 ....................- | . 57471 | . 56784 | . 56109 | . 55445 | . 54792 | 54151 | . 53521 | . 52901 | . 52292 | . 51692 |
| 82 --................... | .59;86 | . 58512 | . 57850 | . 57199 | . 56558 | . 55927 | . 55307 | . 54697 | . 54097 | . 53506 |
| 83 | . 60863 | .50204 | . 59556 | . 58918 | . 58289 | . 57671 | . 57062 | . 56462 | . 55872 | . 55290 |
| 84. | . 62505 | . 61862 | . 61228 | . 60604 | .59999 | . 59383 | . 58786 | . 58198 | . 57618 | . 57047 |
| 85 | . 64118 | . 63491 | . 62873 | . 62263 | .61663 | . 61070 | . 60486 | . 59911 | . 58343 | . 58783 |
| 86 | . 65685 | . 65075 | . 64473 | -63879 | . 63294 | . 62716 | . 62145 | . 61583 | . 61027 | . 60479 |
| 87 ..-.................... | . 67187 | -66594 | . 66008 | . 65430 | . 64859 | . 64296 | . 63739 | . 63190 | . 62647 | . 62112 |
| 88. | . 68631 | - . 68054 | . 67485 | . 66923 | . 66367 | . 65818 | . 65276 | . 64740 | . 64211 | . 63688 |
| 89 | . 70042 | - 699483 | . 68930 | . 68384 | . 67845 | . 67311 | . 66784 | . 66262 | . 65747 | . 65237 |
| 90. | . 71434 | . 70894 | . 70359 | . 69830 | . 693307 | . 68790 | . 68278 | . 67772 | . 67271 | . 66775 |
| 91. | . 72789 | . 72256 | . 71750 | . 71239 | . 70733 | . 70232 | . 69736 | . 69246 | . 68760 | . 68280 |
| 92. | . 74070 | . 73567 | . 73068 | . 72574 | . 72085 | . 71601 | .71121 | . 70547 | . 70176 | . 69711 |
| 93. | .75266 | . 74780 | . 74298 | . 73821 | . 73348 | . 72888 | . 72417 | . 71957 | . 71502 | .71051 |
| 94. | . 76363 | .75893 | . 75428 | . 74967 | . 74510 | . 74057 | 73608 | . 73163 | . 72722 | . 72285 |
| 95. | . 77356 | .75901 | . 76451 | . 76005 | . 75562 | . 75123 | . 74688 | . 74257 | . 73829 | . 73405 |
| 96. | . 78237 | . 77797 | . 77360 | . 76927 | . 76497 | . 76071 | . 75648 | . 75229 | . 74813 | . 74401 |
| 97 | . 79039 | . 78612 | . 78187 | . 77766 | . 77348 | . 76934 | . 76523 | . 76115 | . 75710 | . 75308 |
| 98. | . 79762 | . 79345 | . 78932 | . 78522 | . 78115 | . 77711 | . 77310 | . 76913 | . 76518 | . 76126 |
| 99 | . 80429 | . 80023 | . 79620 | . 79220 | . 78823 | . 78429 | . 78038 | . 77649 | . 77264 | . 76881 |
| $100 . . . . . . . . . .-\ldots-\ldots-.$. | . 81047 | . 80651 | . 80258 | . 79867 | . 79479 | . 79094 | . 78712 | . 78332 | .77955 | . 77580 |
| 101 | . 81636 | .81249 | . 80865 | . 80483 | . 80104 | . 79727 | . 79352 | . 78981 | . 78611 | . 78244 |
| 102 ................-. | . 82250 | . 81872 | . 81497 | . 81124 | . 80754 | . 80386 | . 80020 | . 79656 | . 79295 | . 78936 |
|  | . 82900 | . 82532 | . 82167 | . 81804 | . 81442 | . 81083 | .80726 | . 80371 | . 80018 | . 796867 |
| 104. | . 83622 | . 83266 | . 82911 | . 82558 | . 82207 | . 81858 | 81510 | .81765 | . 80821 | .80479 .81499 |
| 105 .................... | . 84517 | . 84174 | . 83833 | . 83494 | . 83156 | . 82819 | . 82485 | . 821551 | . 81820 | . 81499 |
| $106 . . . . . . . . . . . . . . . . . . . . . ~$ | . 85814 | -85494 | . 85175 | . 84857 | . 84540 | . 84225 | . 83911 | . 83598 | . 83286 | . 82975 |
| 107 .................... | . 87704 | . 87420 | . 87136 | . 86853 | . 86571 | . 86290 | . 86009 | . 85729 | . 85450 | . 85171 |
| 108. | . 90812 | . 90593 | . 90375 | . 90156 | . 89939 | .89721 | . 89504 | . 89286 | . 89070 | -88853 |
| 109 ..................... | . 95900 | . 95800 | . 95700 | . 95600 | . 95500 | . 95400 | . 95300 | . 95200 | . 951 | . 95000 |

Table U(1).-Based on life Table 80CNSMT Unitrust Single Life Remainder Factops
[Applicable atter APRIL 30, 1989]


Table U(1).-based on Lfe Table bocnsmt Unitrust Single Life Remainder Factors-Continued
[Applicable after APRIL 30. 1989]

| Age | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10.2\% | 10.4\% | 10.6\% | 10.8\% | 11.0\% | 112\% | 11.4\% | 11.6\% | 11.8\% | 12.0\% |
| 4 | $\cdot .00621$ | . 00593 | . 00568 | . 00544 | - .00522 | . 0050 | . 00483 | . 00465 | . 00448 | . 00433 |
| 5 | . 00648 | . 00519 | . 00592 | . 00567 | . 00544 | . 00522 | . 00502 | . 00483 | . 00465 | . 00449 |
| 6 | . 00584 | . 00653 | . 00624 | . 00597 | . 00572 | . 00549 | . 00528 | . 00507 | . 00489 | . 00471 |
| ${ }^{8}$ - | . 00726 | . 00693 | . 00663 | . 00634 | . 00608 | . 00588 | . 00560 | . 00539 | . 00518 | . 00499 |
| \& | . 00777 | . 00742 | . 00709 | . 00679 | . 00651 | . 00624 | . 00600 | . 00577 | . 00555 | . 00535 |
| 9 | . 00837 | . 00800 | . 00765 | . 00733 | . 00703 | . 00675 | . 00649 | . 00625 | . 00602 | . 00588 |
| 10. | . 00908 | . 00868 | . 00832 | . 00797 | . 00765 | . 00736 | . 00708 | . 00682 | . 00657 | . 00634 |
| 11 | . 00991 | . 00949 | . 00910 | . 00874 | . 00840 | . 00808 | . 00779 | . 00751 | . 00725 | . 00700 |
| 12 | . 01083 | . 01039 | . 00997 | . 00959 | . 00923 | . 00890 | . 00858 | . 00829 | . 00881 | . 00775 |
| 13 | . 01181 | . 01134 | . 01090 | -01049 | . 01012 | . 00976 | . 00943 | . 00912 | . 00883 | . 00855 |
| 14 | . 01275 | . 01225 | . 01180 | . 01137 | . 01097 | . 01060 | . 01025 | . 00992 | . 00961 | . 00932 |
| 15 | . 01365 | . 01313 | . 01264 | . 01219 | . 01177 | . 01138 | . 01101 | . 01066 | . 01034 | . 01003 |
| 16 | . 01449 | . 01394 | . 01343 | . 01295 | . 01251 | . 01209 | . 01171 | . 01134 | . 01100 | . 01068 |
| 17 | . 01526 | . 01469 | . 01415 | . 01365 | . 01318 | . 01274 | . 01233 | . 01195 | . 01159 | . 01125 |
| 18 | . 01600 | . 01539 | . 01482 | . 01430 | . 01380 | . 01334 | . 01291 | . 01251 | . 01213 | . 01177 |
| 19 | . 01673 | . 01609 | . 01550 | . 01494 | . 01442 | . 01393 | . 01343 | . 01305 | . 01265 | . 01227 |
| 20 | . 01747 | -01679 | . 01616 | . 01557 | . 01502 | . 01451 | . 01403 | . 01358 | . 01316 | . 01276 |
| 21 | . 01820 | . 01748 | . 01682 | . 01620 | . 01562 | . 01508 | . 01457 | . 01409 | . 01365 | . 01323 |
| 22 | . 01895 | . 01819 | . 01749 | . 01683 | . 01622 | . 01565 | . 01511 | . 01461 | . 01414 | . 01369 |
| 23 | . 01972 | . 01893 | . 01818 | . 01749 | . 01684 | . 01624 | . 01567 | . 01514 | . 01464 | . 01417 |
| 24 | . 02058 | . 01974 | . 01895 | . 01827 | . 01753 | . 01689 | . 01629 | . 01572 | . 01519 | . 01469 |
| 25 | . 02154 | . 02064 | . 01981 | . 01903 | . 01830 | . 01762 | . 01698 | . 01638 | . 01588 | . 01529 |
| 26 | . 02262 | . 02167 | . 02079 | . 01996 | .01919 | . 01847 | . 01779 | . 01715 | . 01655 | . 01599 |
| 27 | . 02385 | . 02284 | . 02191 | . 02103 | . 02021 | . 01944 | . 01872 | . 01804 | . 01740 | . 01680 |
| 28 | 02521 | . 02415 | .02316 | . 22222 | . 02135 | .02053 | . 01977 | . 01904 | . 01838 | . 01772 |
| 29 | . 02673 | . 02561 | . 02455 | . 02357 | . 02264 | . 02177 | . 020925 | .02018 .02146 | . 01946 | . 018187 |
| 30 | .02842 .03030 | . 02723 | . 02611 | .02506 .02673 | -. 02407 | .02315 .02470 | .02227 | . 02146 | . 022068 | . 021896 |
| 32 | . 03235 | . 03101 | . 02976 | . 02857 | . 02746 | . 02641 | . 02543 | . 02450 | . 023022 | . 02279 |
| 33 | . 03463 | . 03321 | . 03188 | . 03062 | . 02944 | . 02833 | . 02728 | . 02629 | . 02535 | . 02447 |
| 34 | . 03711 | . 03561 | . 03419 | . 03286 | . 03161 | . 03043 | . 02931 | . 02826 | . 02726 | . 02632 |
| 35 | . 03981 | . 03822 | . 03672 | . 03531 | . 03398 | . 03273 | . 03154 | . 03042 | 02936 | . 02836 |
| 36 | . 04271 | . 04103 | . 03945 | . 03796 | . 03655 | . 03522 | . 03396 | . 03277 | . 03164 | . 03057 |
| 37 | . 04584 | . 04407 | . 04239 | . 04081 | . 03932 | . 03791 | . 036557 | . 03531 | . 03411 | . 03297 |
| 38 | . 04920 | . 04733 | 04556 | . 04389 | . 04231 | . 04092 | . 03940 | . 03806 | . 03579 | . 03558 |
| 39. | . 05280 | . 05083 | . 04897 | . 04721 | . 04554 | . 04396 | . 04246 | . 04103 | 03968 | . 03814 |
| 40 | . 05667 | . 05459 | . 05263 | . 05077 | . 04901 | . 04733 | . 04575 | . 04424 | -04280 | .04144 .04472 |
| 41 | .06080 .06518 | . 058681 | .05655 | .05459 .05864 | . 05272 | . 050968 | . 049288 | . 04768 | .04617 .04975 | . 044872 |
| 43 | . 06982 | . 06742 | . 06513 | . 06296 | . 066889 | . 05893 | . 05706 | . 05528 | . 05358 | . 05196 |
| 44 | . 07475 | . 07223 | . 06983 | . 06754 | . 06537 | . 06330 | . 06153 | . 05945 | . 05766 | -05595 |
| 45 | . 07998 | . 07733 | . 07481 | . 07242 | . 07014 | . 06796 | . 06588 | . 06390 | . 06202 | . 06021 |
| 45 | . 08550 | . 08273 | . 08010 | . 07758 | . 07519 | . 07290 | . 07072 | . 06864 | . 06666 | . 06474 |
| 47 | . 09134 | . 08845 | . 08569 | -08306 | . 08055 | . 07815 | . 07586 | . 07367 | . 07157 | . 06957 |
| 48 | . 09748 | . 09446 | . 09158 | . 08882 | . 08619 | . 08368 | . 08128 | . 07898 | . 07678 | . 07467 |
| 49 | . 10391 | . 10076 | . 09775 | . 09487 | . 09212 | . 08949 | . 08697 | . 08456 | . 08225 | . 08003 |
| 50 | . 11062 | . 10734 | -10420 | - 10120 | . 09832 | . 09557 | . 092933 | . 09041 | . 08798 | . 08566 |
| 51 | . 17764 | . 11423 | . 11096 | . 10783 | . 10483 | . 10195 | . 09919 | 09655 | . 094001 | . 097158 |
| 52 | . 12503 | . 12148 | . 11807 | . 11481 | . 11168 | -10868 | . 10581 | . 103084 | . 10039 | . 09784 |
| 53 | .13278 .14088 | .12909 .13706 | .12556 .13399 | . 12216 | . 112898 | . 11578 | . 11278 | . 11789 | . 11419 | . 11141 |
| 55 | . 14936 | . 14540 | . 14159 | . 13793 | . 13442 | . 13103 | . 12778 | . 12464 | . 12163 | . 11872 |
| 56 | . 58821 | . 15412 | . 35018 | -14639 | . 14274 | . 13923 | . 13584 | . 13258 | . 12944 | . 12642 |
| 57 | . 16749 | . 16326 | . 15918 | . 15526 | . 15148 | . 14784 | . 14433 | . 14094 | . 13768 | . 13453 |
| 58. | . 17719 | .17282 | . 16862 | . 16456 | . 16065 | . 15688 | .15324 | . 14973 | 14634 | . 14306 |
| 59 | . 18731 | . 18281 | . 17847 | . 17429 | . 17025 | . 16634 | . 16258 | . 15894 | . 15543 | . 15203 |
| 60 | . 19782 | . 19319 | . 18872 | . 18440 | . 18023 | . 17621 | . 17231 | . 16855 | . 16491 | . 16139 |
| 61 | 20869 | 20393 | . 19934 | . 19489 | . 19060 | . $\$ 8644$ | . 18242 | . 17854 | . 17477 | . 17113 |
| 62 | 21990 | 21502 | .21029 | . 20573 | 20131 | . 19703 | . 19289 | . 18887 | . 18499 | . 18123 |
| 63 | 23144 | 22644 | 22159 | 21690 | . 21236 | 20796 | -20370 | . 19956 | . 13556 | . 19167 |
| 64 | . 24335 | 23823 | . 23326 | 22845 | 22379 | 21927 | 21489 | 21063 | 20651 | . 20250 |
| 65 | 25568 | . 25045 | 24537 | 24044 | 23566 | . 23103 | . 22653 | 22216 | . 21791 | 21379 |
| 65. | . 26850 | . 26316 | 25797 | . 25293 | . 24804 | 24379 | . 23868 | . 23420 | 22984 | 22560 |
| 67 | 28182 | 27637 | . 27108 | -26594 | . 26095 | -25609 | 25137 | 24678 | . 24231 | . 23797 |
| 68. | 29565 | . 29014 | . 28472 | . 27949 | .27439 | . 26943 | 26461 | 25991 | 25534 | 25089 |
| 69 | 30991 | . 30429 | . 29882 | 29349 | . 28830 | . 28325 | . 27833 | 27354 | . 26887 | 26432 |
| 70 | . 32457 | 31687 | . 31332 | . 30791 | 30264 | 29750 | 29249 | 28760 | 28284 | 27820 |
| 71 | . 33955 | -33378 | . 32815 | 32267 33778 | . 31732 | .31210 .32707 | .30701 .32190 | .30204 .31686 | .29719 .31193 | $\xrightarrow{29246}$ |
| 72 | . 35485 | . 34902 | 34333 | 33778 | 33236 | . 32707 | 3290 | 3.66 | $\checkmark 311$ | 30711 |

Table U(1).-Based on Life Table 80CNSMT Unitrust Single life Remaindea factors-Continued
[Applicable after APRIL 30, 1989]

| Age | Adjusted payout rate. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | . $10.2 \%$ | 10.4\% | 10.6\% | 10.8\% | - 11.0\% | 11.2\% | . $11.4 \%$ | 11.6\% | 11.8\% | 12.0\% |
| 73. | . 37049 | . 36461 | . 35887 | . 35326 | . 34778 | . 34242 | . 33719 | . 33207 | . 32707 | . 32218 |
| 74 | . 38656 | . 38064 | . 37485 | . 36920 | . 36366 | . 35825 | . 35296 | . 34778 | . 34272 | . 33776 |
| 75 | . 40312 | . 39717 | . 39136 | 38566 | . 38009 | . 37464 | . 36930 | . 36407 | . 35895 | . 35394 |
| 76 | . 42022 | . 41426 | . 40842 | . 40271 | . 39711 | . 39163 | . 38625 | . 38099 | . 37583 | . 37077 |
| 77 | . 43782 | . 43187 | . 42603 | . 42031 | . 41470 | . 40920 | . 40380 | . 39851 | . 39332 | . 38823 |
| 78 | . 45586 | . 44992 | . 44410 | . 438339 | . 43278 | . 42728 | . 42188 | . 41658 | . 41138 | . 40627 |
| 79 | . 47418 | . 46828 | . 46248 | . 45679 | . 45120 | . 44572 | . 44033 | . 43503 | . 42983 | . 42472 |
| 80 | . 49264 | . 48679 | . 48103 | . 47538 | . 46982 | . 46436 | . 45900 | . 45372 | . 44853 | . 44343 |
| 81 | . 51103 | . 50524 | . 49954 | . 49394 | . 48843 | . 48301 | . 47768 | . 47243 | . 46727 | . 46219 |
| 82 | . 52925 | . 52352 | . 51789 | . 51235 | . 50690 | . 50153 | . 49624 | . 49104 | . 48591 | . 48087 |
| 83 | . 54718 | . 54154 | . 53598 | . 53051 | . 52512 | . 51981 | . 51459 | . 50943 | . 50436 | . 49936 |
| 84 | . 56484 | . 55930 | . 55383 | . 54844 | . 54313 | . 53789 | . 53273 | . 52764 | . 52262 | . 51767 |
| 85 | . 58231 | . 57686 | . 57149 | . 56619 | . 56096 | . 55581 | . 55072 | . 54571 | . 54076 | . 53588 |
| 86 | . 59939 | . 59405 | . 58878 | . 58358 | . 57845 | . 57339 | . 56839 | . 56346 | . 55858 | . 55377 |
| 87 | . 61583 | . 61061 | . 60545 | . 60035 | . 59532 | . 59035 | . 58545 | . 58060 | . 57581 | . 57106 |
| 86. | . 63171 | . 62661 | . 62156 | . 61658 | . 61165 | . 60678 | . 60196 | . 59721 | . 59251 | . 58786 |
|  | . 64733 | . 64235 | . 63742 | . 63255 | . 62774 | . 62298 | . 61827 | . 61361 | . 60900 | . 60444 |
| 90 | . 66285 | . 65801 | . 65321 | . 64847 | . 64377 | . 63913 | . 63453 | . 62998 | . 62548 | . 62103 |
| 91. | . 67804 | . 67334 | . 66868 | . 66407 | . 65950 | . 65498 | . 65050 | . 64607 | . 64169 | . 63735 |
| 92 | . 69250 | . 68793 | . 68341 | . 67893 | . 67450 | . 67011 | . 66575 | . 66144 | . 65718 | . 65295 |
| 93 | . 70604 | . 70162 | . 69723 | . 69288 | . 68858 | . 68431 | . 68008 | . 67589 | . 67174 | $\cdots$ - 66762 |
| 94 | . 71852 | . 71422 | . 70997 | . 70575 | . 70156 | . 69742 | . 69331 | . 68923 | . 68519 | . 68119 |
| 95 | . 72984 | . 72567 | . 72154 | . 71744 | . 71337 | . 70934 | . 70534 | . 70137 | . 69744 | . 69354 |
| 96 | . 73992 | . 73586 | . 73183 | .72784 | . 72388 | . 71995 | . 71605 | . 71218 | . 70835 | . 70454 |
| 97 | . 74910 | . 74514 | . 74122 | $\therefore .73733$ | . 73346 | . 72963 | . 72582 | . 72205 | . 71830 | . 71458 |
| 98 | . 75737 | . 75351 | . 74967 | . 74587 | . 74209 | . 73835 | . 73463 | . 73093 | . 72727 | . 72363 |
| 99 | . 76501 | . 76123 | . 75748 | .75376 | . 75007 | . 74640 | . 74276 | . 73914 | . 73555 | . 73198 |
| -100 ..................... | . 77208 | - . 76838 | . 76471 | - 76107 | $\therefore .75745$ | . 75385 | . 75028 | . 74673 | . 74321 | . 73974 |
| 101 | . 77879 | . 77517 | . 77157 | . 76800 | . 76444 | . 76092 | . 75741 | . 75392 | . 75046 | . 74702 |
| 102 | . 78579 | . 78224 - | . 7787.1 | . 77521 | . 77173 | . 76827 | . 76483 | . 76141 | . 75801 | . 75463 |
| 103 | . 79318 | . 78971 | . 78626 | . 78283 | . 77942 | . 77604 | . 77266 | . 76931 | . 76598 | . 76267 |
| 104 | . 80139 | . 79801 | . 79464 | . 79129 | . 78796 | . 78465 | . 78136 | . 77808 | . 77482 | . 77157 |
| 105. | . 81761 | '. 80834 | . 80508 | . 80184 | , $\quad 79861$ | . 79540 | . 79220 | . 78902 | $\cdot .78585$ | . 78270 |
| 106 | . 82665 | $\therefore .82357$ | . 82049 | . 81743 | . 81438 | . 81134 | . 80831 | . 80530 | . 80229 | . 79930 |
| 107 ..................... | . 84893 | . 84616 | . 84340 | . 84064 | . 83789 | . 83515 | . 83241 | . 82969 | . 82696 | . 82425 |
| 108. | . 88637 | . 88421 | . 88205 | . 87989 | . 87774 | :87559 | . 87344 | . 87129. | . 86915 | . 86701 |
| $109 . . .-{ }^{\text {a }}$. | . 94900 | . 94800 | . 94700 | . 94600 | . 94500 | . 94400 | . 94300 | . 94200 | . 94100 | . 94000 |

Table U(1)-Based on Lfe Table 80CNSMT Unitrust Single Life Remainder Factors
[Applicable after April 30, 1989],

| - Age |  |  |  | Adiusted payout rate |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12.2\% | 12.4\% | 12.6\% | 12.8\% | 13.0\% | 13.2\% | 13.4\% | 13.6\% | 13.8\% | 14.0\% |
| 0 | . 01581 | - . 01569 | . 01557 | . 01546 | . 01536 | . 01526 | . 01516 | . 01507 | . 01499 | . 01490 |
| 1 | . 00459 | . 00448 | . 00437 | . 00426 | . 00417 | . 00407 | . 00399 | . 00390 | . 00382 | . 00375 |
| 2 | . 00424 | . 00412 | . 00400 | . 00389 | . 00379 | . 00369 | . 00360 | . 00352 | . 00343 | . 00335 |
| 3 | . 00414 | . 00401 | . 00389 | . 00377 | . 00366 | . 00356 | . 00346 | . 00337 | . 00328 | . 00320 |
| 4 | . 00418 | . 00404 | . 00391 | . 00379 | . 00368 | . 00357 | . 00347 | .00337 | . 00327 | . 00319 |
| 5 | . 00433 | . 00418 | . 00405 | . 00391 | . 00379 | . 00368 | . 00357 | . 00346 | . 00336 | . 00327 |
| 6 | . 00454 | .00439 | . 00424 | . 00410 | . 00397 | . 00384 | . 00372 | . 00361 | . 00351 | . 00341 |
| 7 | . 00482 | . 00465 | . .00449 | . 00434 | . 00420 | . 00407 | . 00394 | . 00382 | . 00371 | . 00360 |
| 8 | . 00516 | . 00498 | . 00481 | . 00465 | . 00450 | . 00436 | . 00422 | . 00410 | . 00397 | . 003386 |
| 9 | . 00560 | . 000541 | .00523 | . 00505 | . 00489 | . 00474 | . 00459 | . 00446 | . 00433 | . 00420 |
| 10 | . 00613 | . 00592 | . 00573 | . 00555 | . 00537 | . 00521 | . 00505 | .00491 | . 00477 | . 00463 |
| 19 | . 00677 | . 00655 | . 00635 | . 00615 | . 00597 | . 00580 | . 00563 | . 00547 | . 00532 | . 00518 |
| 12 | . 00751 | . 00728 | -. 00706 | . 00685 | . 00666 | . 00647 | . 00629 | . 00613 | . 00597 | . 005881 |
| 13 | . 00829 | . 00805 | . 00782 | . 00760 | . 00739 | . 00719 | . 00701 | . 00683 | . 00666 | . 00650 |
| 14 | . 00905 | . 00879 | .00854 | . 00831 | . 00809 | . 00789 | . 00769 | . 00750 | . 00732 | . 00715 |
| 15 | . 00974 | . 00947 | . 00921 | . 00897 | . 00874 | . 00852 | . 00831 | . 00811 | . 00793 | . 00775 |
| 16 | . 01037 | . 01009 | . 00988 | . 00955 | . 00932 | . 00909 | . 00887 | . 00866 | . 00846 | . 00827 |
| 17 | . 01093 | . 01063 | . 01034 | . 01007 | . 00982 | . 00958 | . 00935 | . 009913 | . 00892 | . 00873 |
| 18 | . 01143 | . 01112 | . 01082 | . 01053 | . 01027 | . 01001 | . 00977 | .00954 | . 00933 | . 009912 |
| 19 | . 01192 | . 01159 | . 01127 | . 01097 | . 01069 | . 01043 | . 01017 | . 00993 | . 00970 | . 00949 |
| 20 | . 01239 | . 01204 | . 01370 | . 01139 | . 01109 | . 01081 | . 01055 | . 01029 | . 01005 | . 00983 |
| 21 | . 01283 | . 01246 | . 01211 | . 01178 | . 01147 | . 01117 | . 01089 | . 01063 | . 01037 | . 01013 |
| 22 | . 01328 | . 01288 | . 01251 | . 01216 | . 01183 | . 01152 | . 01122 | . 01094 | . 01067 | . 01042 |

Table U(1).-Based on Lfe Table bocnsmt Unituist Single lufe Remainder Factors-Continued
[Appricable afler Aprial 30, 1989]

| Age | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12.2\% | 12.4\% | 12.6\% | 12.8\% | 13.0\% | 132\% | 13.4\% | 13.6\% | 13.8\% | 14.0\% |
| 23 | . 01372 | . 01331 | . 01292 | . 01254 | ${ }^{\circ} .01219$ | . 01186 | . 01155 | . 01125 | . 01097 | . 01070 |
| 24 | . 01422 | . 01378 | . 01336 | . 01297 | . 01260 | . 01225 | . 01191 | . 01160 | . 01130 | . 01101 |
| 25 | . 01479 | . 04432 | . 01388 | . 01346 | . 01306 | . 01269 | -01233 | . 01200 | 01168 | . 01138 |
|  | . 01545 | . 01495 | . 01448 | . 01404 | . 01362 | . 01322 | . 01284 | . 01248 | . 01214 | . 01182 |
|  | . 01523 | . 01570 | . 01520 | -01472 | . 01427 | . 01385 | . 01344 | . 01306 | . 01270 | . 01235 |
| 28 | . 01712 | . 01655 | . 01601 | -0:551 | . 01503 | . 01457 | . 01414 | . 01373 | . 01334 | . 01298 |
| 29 | . 01813 | . 01752 | . 01695 | . 01641 | . 01589 | . 01541 | . 01494 | . 01451 | . 01409 | . 01370 |
| 30. | . 01927 | . 01862 | . 01801 | . 01743 | . 01688 | . 01635 | . 01586 | . 01539 | . 01495 | . 01452 |
| 31 | . 02056 | . 01987 | . 01922 | . 01859 | . 01801 | . 01745 | . 01692 | . 01642 | . 01594 | . 01548 |
| 32 | . 02201 | . 02127 | . 02057 | . 01990 | . 01927 | . 01868 | . 01811 | . 01757 | . 01706 | . 01657 |
| 33 | . 02363 | . 02284 | . 02209 | . 02138 | . 02071 | . 02007 | . 01946 | . 01888 | . 01833 | . 01781 |
| 34 | . 02543 | . 02458 | . 02378 | . 02302 | .02230 | . 02162 | . 02096 | . 02034 | . 01975 | . 01919 |
| 35 | . 02741 | . 02651 | . 02565 | . 02484 | . 02407 | . 02333 | . 02264 | . 02197 | . 02134 | . 02073 |
| 36 | . 02956 | . 02859 | . 02768 | . 02681 | . 02599 | . 02520 | . 02446 | . 02374 | . 02307 | . 02242 |
| 37 | . 03169 | . 03087 | . 02990 | .02897 | . 02809 | . 02725 | . 02645 | . 02569 | . 02496 | . 02427 |
| 38 | . 03443 | . 03334 | . 03230 | . 03131 | . 03037 | . 02948 | . 02862 | . 02781 | . 02703 | . 02628 |
|  | . 03718 | . 03602 | . 03491 | . 03386 | . 03285 | . 03190 | . 03099 | . 03011 | . 02928 | . 02849 |
| 40 | . 04015 | . 03891 | . 03774 | . 03662 | . 03555 | . 03453 | . 03355 | . 03262 | . 03173 | . 03088 |
| 41 | . 04335 | . 04204 | . 04079 | . 03959 | . 03846 | . 03737 | . 03633 | . 03534 | .03439 | . 03348 |
| 42 | . 04677 | . 04538 | . 04405 | . 04278 | . 04157 | . 04042 | .03931 | . 03825 | . 03724 | . 03627 |
| 43 | . 05042 | . 04894 | . 04754 | . 04619 | . 04491 | . 04368 | . 04250 | - . 04138 | . 04030 | . 03926 |
| 44 | . 05432 | . 05276 | . 05127 | . 04984 | . 04848 | . .04718 | . 04593 | . 04473 | . 04358 | . 04248 |
| 45 | . 05849 | . 05684 | . 05526 | . 05375 | . 05233 | 05092 | . 04960 | . 04832 | . 04710 | .04593 |
| 46 | . 06292 | .06118 | . 05952 | 0.0732 | .05633 | . 05492 | . 05352 | . 05217 | . 05087 | . 04963 |
| 47 | . 06765 | . 06581 | . 06405 | . 05237 | . 06075 | . 05920 | . 05771 | . 05628 | . 05491 | . 05359 |
|  | . 07265 | . 07071 | . 06886 | . 06708 | . 06537 | .06373 | . 06216 | . 05064 | . 05919 | . 05779 |
| 49 | . 07791 | . 07587 | . 07392 | . 07204 | . 07024 | . 06851 | . 06685 | . 06 | .06371 | . 06223 |
| 50 | . 08343 | . 08129 | . 07923 | . 07726 | . 07536 | . 073 | -07178 | . 070 | . 06 | 06690 |
| 51. | . 08924 | . 08699 | . 08483 | . 08276 | . 08076 | . 0788 | . 0769 | . 0752 | 73 | . 07183 |
| 52 | . 09539 | . 09303 | . 09076 | -08858 | . 08648 | . 08446 | . 08251 | . 08064 | . 07883 | . 07708 |
| 53 | . 10189 | .09942 | . 09704 | . 09475 | . 09255 | . 09043 | . 08838 | . 08640 | . 02450 | . 08266 |
| 54 | . 10872 | . 10614 | . 10365 | . 10126 | . 09894 | . 09672 | . 09456 | . 09249 | . 09049 | . 08855 |
| 55 | . 11592 | . 11322 | . 11062 | . 10811 | . 10569 | . 10335 | . 10110 | . 09892 | . 09682 | . 09478 |
| 56 | . 12350 | . 12068 | . 11796 | . 11534 | . 11281 | . 11036 | . 10800 | -1057t | . 10350 | . 10137 |
| 57. | . 13148 | . 12855 | . 12572 | . 12298 | . 12033 | . 11777 | . 11530 | . 11291 | . 11060 | . 10836 |
| 58. | . 13990 | . 13685 | .13389 | . 13104 | . 12828 | . 12561 | - 12303 | . 12053 | . 11811 | . 11576 |
| 59 | . 14875 | . 14557 | . 14250 | . 13853 | . 13665 | . 13387 | . 13118 | . 12856 | . 12604 | . 12359 |
| 60 | . 15799 | . 15469 | . 15150 | . 14841 | . 14542 | . 14253 | . 13972 | . 13700 | . 13436 | . 13180 |
| 61. | . 16761 | . 16419 | . 16088 | . 15768 | . 15457 | . 15156 | . 14864 | . 14580 | . 14305 | . 14039 |
| 62. | . 17758 | . 17404 | . 17062 | . 16729 | . 16407 | . 16094 | . 15791 | . 15496 | :15210 | . 14932 |
| 63 | . 18791 | . 18425 | . 18071 | . 17726 | . 17392 | . 17068 | . 16753 | . 16447 | . 36150 | . 15961 |
| 64 | . 19862 | . 19484 | . 19118 | . 18762 | . 18417 | . 18081 | . 17754 | . 17437 | . 17129 | . 16829 |
| 65 | 20979 | . 20590 | . 20212 | . 19845 | . 19487 | . 19140 | . 18802 | . 18474 | . 18754 | . 17843 |
| 66 | . 22149 | . 21748 | . 21359 | 20980 | 20612 | . 20253 | . 19904 | . 19564 | . 19233 | . 18911 |
| 67 | .23374 | . 22962 | . 22562 | 22172 | -21792 | 21423 | . 21062 | 20712 | . 20370 | 20037 |
| 68 | 24656 | . 24234 | $\cdot .23822$ | 23422 | 23031 | .22651 | . 22280 | 21919 | . 21566 | 2122 |
| 69 | . 25988 | . 25556 | . 25134 | 24724 | . 24332 | 23932 | .23551 | 23179 | . 22816 | . 22461 |
| 70 | . 27367 | . 26925 | . 26493 | 26073 | . 25662 | 25261 | . 24870 | 24488 | . 24115 | . 23750 |
| 71 | . 28784 | 28333 | . 27892 | . 27462 | . 27042 | -26631 | . 26230 | . 25839 | 25456 | . 25082 |
| 72 | . 30241 | . 29781 | . 29332 | . 28893 | . 28464 | . 28044 | . 27634 | :27233 | . 26841 | . 26457 |
| 73 | . 31740 | . 31272 | . 30815 | . 30368 | . 29930 | . 29502 | 29084 | 28674 | 28273 | 27880 |
| 74 | . 33291 | . 32817 | . 32352 | . 31897 | . 31452 | . 31016 | . 30589 | . 30171 | -29762 | . 29361 |
| 75 | . 34903 | 34422 | . 33951 | . 33490 | . 33038 | . 32595 | . 32161 | . 31735 | . 31318 | . 30909 |
| 76 | . 36581 | . 36095 | . 35619 | . 35152 | . 34694 | . 34245 | . 33805 | . 33373 | 32949 | . 32533 |
| 77 | . 38324 | . 37835 | . 37354 | . 36883 | . 36420 | . 35965 | 35520 | . 35083 | . 34654 | . 34232 |
| 78 | . 40126 | 39634 | . 39150 | . 38676 | . 38210 | . 37752 | . 37302 | . 36861 | . 36427 | . 36001 |
| 79 | . 41970 | . 41476 | . 40992 | . 40515 | . 40047 | . 39587 | . 39135 | . 38690 | . 38253 | . 37823 |
| 80 | . 43842 | . 43348 | . 42864 | . 42387 | . 41918 | . 41456 | . 41002 | . 40556 | . 40117 | . 39585 |
| 81 | . 45719 | . 45228 | . 44744 | . 44267 | . 43799 | . 43337 | . 42883 | . 42435 | . 41996 | . 41562 |
| 82. | . 47590 | . 47101 | . 46619 | . 46145 | . 45677 | . 45217 | . 44764 | . 44317 | . 43877 | . 43443 |
| 83. | . 49443 | . 48957 | . 48478 | . 48007 | -47542 | . 47084 | . 46632 | . 46187 | . 45748 | . 45315 |
| 84. | . 51279 | . 50798 | . 50324 | . . 49856 | . 49394 | . 48939 | . 48490 | . 48048 | . 47611 | . 47180 |
| 85. | . 53106 | . 52630 | . 52161 | . 51698 | . 51241 | . 50790 | . 50345 | . 49906 | . 49473 | . 49045 |
| 86. | . 54902 | . 54434 | . 53971 | . 53514 | . 53062 | . 52616 | . 52175 | . 51741 | . 51312 | 50888 |
| 87. | . 56640 | -56178 | . 55722 | . 55271 | .54826 | . 54386 | . 53951 | . 53521 | . 53097 | 52577 |
| 88 | . 58326 | . 57872 | . 57423 | . 56979 | . 5654 ; | . 56107 | . 55678 | . 55254 | . 54834 | 54420 |
| 89 | . 59994 | . 59548 | . 59107 | . 58671 | . 58240 | . 57813 | . 57391 | . 56973 | . 56560 | . 56152 |
| 90 ....................... | . 61662 | . 61226 | . 60794 | . 60367 | . 59944 | . 59526 | 59112 | 58702 | . 58296 | . 57894 |
| 91 | . 6 | . 62879 | . 62457 | . 62040 | . 61627 | . 61217 | .60812 | . 60411 | . 60013 | . 59619 |

Table U(1)--Based on Life Table bocnsmi Unitrust Single life Remainoer factors-Continued
(Applicable after April 30, 3989)

| Age | Adjusted payout rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12.2\% | 12.4\% | 12.6\% | 12.8\% | - 13.0\% | 13.2\% | 13.4\% | 13.6\% | 13.8\% | 14.0\% |
| 92 | . 64876 | . 64461 | . 64050 | . 63543 | . 63239 | . 62839 | . 62443 | . 62051 | . 61662 | . 61277 |
| 93. | . 66355 | . 65950 | . 65550 | . 65153 | . 64759 | . 64369 | . 63983 | . 63600 | . 63220 | .62843 |
| 94. | . 67722 | . 67328 | . 66938 | . 66551 | . 66167 | . 65786 | . 65409 | . 65035 | . 64664 | . 64296 |
| 95. | .68967 | . 68583 | .68203 | .67825 | . 67451 | . 67079 | . 66711 | . 66345 | . 65983 | . 65623 |
| 96. | $\therefore .70076$ | . 69701 | . 69330 | . 68961 | . 69595 | . 68231 | . 67871 | . 67513 | . 67158 | . 66806 |
| 97. | . 71089 | . 70722 | . 70359 | . 69998 | . 69640 | . 69284 | . 68931 | . 68581 | . 68234 | . 67888 |
| 98. | . 72001 | . 71642 | . 71286 | . 70933 | . 70582 | . 70233 | . 69887 | . 69544 | . 69203 | . 68864 |
| 99. | . 72844 | . 72492 | . 72143 | . 71796 | . 71452 | . 71110 | . 70770 | . 70433 | . 70098 | . 69765 |
| 100. | . 73623 | . 73278 | . 72935 | . 72594 | . 72256 | . 71920 | .71586 | . 71254 | . 70924 | . 70597 |
| 101 | . 74361 | . 74021 | 73684 | . 73349 | . 73016 | . 72685 | . 72356 | . 72029 | . 71704 | . 71382 |
| 102. | . 75128 | . 74794 | . 74463 | . 74133 | . 73806 | . 73480 | . 73157 | . 72835 | . 72515 | . 72198 |
| 103 | . 75938 | . 75610 | . 75284 | . 74961 | . 74639 | . 74319 | . 74000 | . 73684 | . 73369 | . 73056 |
| 104 ..................... | . 76835 | . 76514 | . 76194 | . 75877 | . 75561 | . 75246 | . 74934 | . 74623 | . 74313 | . 74005 |
| 105. | . 77956 | . 77643 | .77332 | . 77023 | . 76714 | . 76408 | . 76102 | . 75798 | . 75496 | . 75195 |
| 106 | . 79632 | . 79334 | . 79038 | . 78743 | . 78449 | . 78157 | . 77865 | . 77575 | .77285 | . 76997 |
| 107 | . 82154 | . 81884 | , 81615 | . 81346 | . 81079 | . 80811 | . . 80545 | . 80279 | . 80014 | . 79750 |
| 108 | . 86487 | .86274 | . 86061 | . 85848 | . 85635 | . 85423 | . 85210 | . 84998 | . 84787 | . 84575 |
| 109 ..................... | . 93900 | .93800 | . 93700 | . 93600 | . 93500 | . 93400 | . 93300 | . 93200 | .93100 | . 93000 |

(f) Effective date. This section is effective as of May 1, 1989.
Par. 14. Section 1.664-4A is further amended as follows:

1. The fifth sentence of newly designated paragraph (d)(4) is revised.
2. Newly designated paragraph (d)(5) is amended by:-
a. Revising the first and fifth sentences:
b. Removing the reference " $(b)(4)$ " in both places it appears and adding "(b) $\left.{ }^{\prime} 5\right)$ " in each place.
3. The heading for newly designated paragraph ( $d$ )(6) is revised.
4. The headings for Table D, Table E, and Table $F(1)$ in newly designated paragraph (d)(6) are revised.
5. The revisions read as follows:
\$1.664-4A Valuation of charitable remainder interesta for which the valuation date is before May $1,1989$.
(d) * * *
(4) Period is a term of years. * * If the adjusted payout rate is greater than 14 percent, see § 3.664-4(b).
(5) Period is the lffe of one individual. If the period described in paragraph (a)(5) of $\$ 1.664-3$ is the life of one individual, the factor that is used in determining the present value of the remainder interest is the factor under the appropriate adjusted payout rate in column (i) of Table E in paragraph (d)(6) of this section opposite the number in column (1) that corresponds to the age of the individual whose life measures the period. *. * * If the adjusted payout rate is greater than 14 percent, see § 1.664-4(b).
(6) Actuarial tables for transfers for which the valuation date is after
November 3a, 1983, and before May 1, 1989.

Table D
Table D-Term Certain-Table Showing the Present Worth of a Remainder Interest Postponed for a Term of Years in a Charitable Remainder Unitrust Having the Adjusted Payout Rate Shown-Applicable for Transfers After November 30, 1983, and Before May 1, 1989

Table E
Table E-Single Life, Unisex-Table Showing the Present Worth of the Remainder Interest in Property Transferred to a Unitrust Having the Adjusted Payout Rate ShownApplicable for Transfers After November 30, 1983, and Before May 1, 1989

Table F(1)
Table F(1)-10 Percent-Table Showing Factors for Computations of the Adjusted Payout Rate for Certain Valuations and Payout SequencesApplicable for Transfers After 'November 30, 1983, and Before May 1,1989

Par. 14a. An undesignated center heading is added immediately before §1.665(a)-0A to read as follows:

Treatment of Excess Distributions of Trusts Applicable to Taxable Years Beginning on or After January 1, 1969

Par. 14b. The undesignated center heading immediately preceding $51.665(\mathrm{a})-0$ is revised to read as follows:

Treatment of Excess Distributions of Trusts Applicable to Taxable Years Beginning Hefore January 1; 1969

Par. 15. Section 1.1011-2, paragraph (c), Example ( 8 )(b) is amended by adding the following three sentences at the end of the paragraph.

## §1.1011-2 Bargain sale to charitable organization.

(c) ***

Example (8).
(b) * * * Sé Rev. Rul. 84-162, 19842 C.B. 200, for transfers for which the valuation date falls after November 23. 1984. (See $\S 601.601$ (d)(2)(ii)(b) of this chapter). For the applicable valuation tables in connection therewith, see § 20.2031-7(d) 6 ) of this chapter. See, however, $\$ 1.7520-3$ (b) (relating to exceptions to the use of standard actuarial factors in certain circumstances).

Par. 16. Immediately following § $1.7519-3 T$, an undesignated center heading and \$§ 1.7520-1 through 1.7520-4 are added to read as follows:

## General Actuarial Valuations

51.7520-1 Valuation of annultios, unitrust interests, interests for ilfe or terms of years, and remainder or reversionary interests.
(a) General actuarial voluations. (1) Except as otherwise provided in this section and in $\S 1.7520-3$ (relating to exceptions to the use of prescribed tables under certain circumstances), in the case of certain transactions after April 30, 1989, subject to income tax, the fair market value of annuities, interests for life or for a terra of years (including unitrust interests). remainders, and reversions is their present value determined under this section. See § 20.2031-7(d) (and, for certain prior periods, $\$ 20.2031-7 \mathrm{~A})$ of this chapter, Estate Tax Regulations, for the computation of the value of annuities, unitrust interests, life estates, terms for years, remainders, and reversions, other than interests described in paragraphs (a)(2) and (a)(3) of this section.
(2) For a transfer to a pooled income fund after April 30, 1989, see § 1.642 (c)6(e) (or, for certain prior periods, § $1.642(\mathrm{c})-6 \mathrm{~A})$ with respect to the valuation of the remainder interest.
(3) For a transfer to a charitable remainder annuity trust after April 30, 1989, see § 1.664-2 with respect to the valuation of the remainder interest. See $\$ 1.664-4$ (or, for certain prior periods, § $1.664-4 \mathrm{~A}$ ) with respect to the valuation of the remainder interest in property transferred to a charitable remainder unitrust.
(i) Components of valuation-(1) Interest rate component--(i) Section 7520 Interest rate. The section 7520 interest rate is the rate of return, rounded to the nearest two-tentis of one percent, that is equal to 120 percent of the applicable Federal mid-term rate, compounded annually, for purposes of section 1274(d)(1), for the month in which the valuation date falls. In rounding the rate to the nearest twotenths of a percent, any rate that is midway between one two-tenths of a percent and another is rounded up to the higher of those two rates. For example, if 120 percent of the applicable Federal mid-term rate is 10.30, the section 7520 interest rate component is 10.4. The section 7520 interest rate is published monthly by the Internal Revenue Service in the Internal Revenue Bulletin (see
$\$ 601.601(\mathrm{~d})(2)(\mathrm{ii})(b)$ of this chapter).
(ii) Valuation date. Except as provided in $\$ 1.7520-2$, the valuation date is the date on which the transaction takes place.
(2) Mortality component. The mortality component reflects the.
mortality data most recently available from the United States census. As new mortality data becomes available after each decennial census, the mortality component described in this section will be revised periodically and the revised mortality component tables will be published in the regulations at that time. For transactions with valuation dates after April 30, 1989, the mortality component table (Table 80CNSMT) is contained in $\$ 20.2031-7(\mathrm{~d})$ of this chapter (Estate Tax Regulations). See $\S 20.2031-7 \mathrm{~A}$ for mortality component tables applicable to transactions for which the valuation date falls before May 1, 1989.
(c) Tables. The present value on the valuation date of an annuity, life estate, term of years, remainder, or reversion is computed by using the section 7520 interest rate component that is described in paragraph (b)(1) of this section and the mortality component that is described in paragraph (b)(2) of this section. Actuarial factors for determining these present values are included in tables in these regulations and in publications by the Internal Revenue Service. If a special factor is required in order to value an interest, the Internal Revenue Service will furnish the factor upon a request for a ruling. The request for a ruling must be accompanied by a recitation of the facts, including the date of birth for each measuring life and copies of relevant instruments. A request for a ruling must comply with the instructions for requesting a ruling published periodically in the Internal Revenue Bulletin (see Rev. Proc. 94-1, 1994-1 I.R.B. 10, and subsequent updates, and $\$ \S 601.201$ and $601.601(\mathrm{~d})(2)(\mathrm{ii})(b)$ of this chapter) and include payment of the required user fee.
(1) Regulation sections containing tables with interest rates between 4.2 and 14 percent. Section $1.642(\mathrm{c})$-6(e)(4) contains Table $S$ used for determining the present value of a single life remainder interest in a pooled income fund as defined in $\$ 1.642$ (c)-5. Section 1.664-4(e)(6) contains Table D (actuarial factors used in determining the present value of a remainder interest postponed for a tern of years), Table U(1) (actuarial factors for one life), and Table $F$ (payout factors) used in deternining the present value of a remainder interest in a charitable remainder unitrust as defined in § 1.664-3. Section 20.2031-7 (d)(6) of this chapter (Estate Tax Regulations) contains Table S (actuarial factors for one life), Table B (actuarial factors used in determining the present value of an interest for a term of years), Table K (annuity end-of-interval adjustment factors). Table J (term certain annuity
beginning-of-interval adjustment factors), and Table 80CNSMT (mortality components) used in determining the present value of annuities, hife estates, remainders, and reversions. The regulations will be revised periodically to include new mortality component tables and new tables of factors.
(2) Internal Revenue Service publications containing tables with interest rates between 2.2 and 26 percent. The following documents (with the exception of Publication 1459) bave been published for sale by the Superintendent of Documents, United States Government Printing Office, Washington, DC 20402:
(i) Internal Revenue Service Publication 1457. "Actuarial Values, Alpha Volume," $(8 / 89)$. This publication includes tables of valuation factors, as well as examples that show how to compute other valustion factors. for determining the present value of annuities, life estates, terms of years, remainders, and reversions, measured by one or two lives. These factors may also be used in the valuation of interests in a charitable remainder annuity trust as defined in § $1.664-2$ of this chapter and a pooled income fund as defined in § 1.642 (c)-5 of this chapter.
(ii) Internal Revenue Service Publication 1458. "Actuarial Values, Beta Volume," (8/89). This publication includes term certain tables and tables of one and two life valuation factors for determining the present value of remainder interests in a charitable remainder unitrust es defined in § 1.664-3 of this chapter.
(iii) Internal Revenue Service Publication 1459, "Actuarial Values, Gamma Volume," ( $8-89$ ) is no longer available for purchase from the Superintendent of Documents. However, it inay be obtained by requesting a copy from: CC:DOM:CORP:T:R (IRS Publication 1459), room 5228, Internal Revenue Service, POB 7604, Ben Franklin Station, Washington, DC 20044. This publication includes tables for computing depreciation adjustment factors. See $\$ 1.170 \mathrm{~A}-12$ of this chapter.
(d) Effective date. This section is effective as of May 1, 1989.
§ 1.7520-2 Valuation of charitable interests.
(a) In general-(1) Valuation. Except as othervise provided in this section and in $\S 1.7520-3$ (relating to exceptions to the use of prescribed tables under certain circumstances), the fair market value of annuities, interests for life or for a term of years, remainders, and reversions for which an income tax charitable deduction is allowable is the
present value of such interests determined under \$17520-1.
(2) Prior-month election ride. If andy part of the property interest transferred qualifies for an income tax charitable

- -dedurtion under section 170 (c) thetaxpayer may elect (under paragraph f(t). of this sectiond to compute the present value of the interest tramsferred'by use of the section 7.520 interest atate for the month during which the interest is transferred or the section 7.520 interest rate compenent for either of the 2 months preceding the month during which the interest istransfenred. Paragraph (b) of this section explains how a prior-month election is made. The interest rate for the month so elected is the applicable section 7520 interest rate. Ifthe actuarial factor for either or both of the 2 months preceding the month during which the interest is transferred is based on a mortality experience that is different from the mortality experience at the date of the transfer and if the taxpayer elects to anse the section 7520 zete for a prior month with the adifferent mortality experience, the taxpayermust use the actuarial factor derived from the mortality experience in effect thuring the month of the section 7520 rate elected. All actuarial computations relating to the transfer must be mode by applying the interest rate componert and the mortality component of the month elected by the taxpayer.
(3) Transfers of more than wne interest in the sume property. If a taxpayer transfers more than one interest in the same property at the same time, for purposes of valuing the transferred interests, the taxpayer must use the same interest rate and mortatity component for each interest in the property transferred. If more than one interest in the same property is transferred in two ormore separate transfers at diflerent times, the value of each interest is determined by the use of the interest rate component and mortality component in eflect during the month of the transfer of that interest or, if applicable under paragraph (a) (2) of this section, either of the two months preceding the month of the transfur.
(4) Information required with tax return. The following information must be atteched to the income tax return for to the amended retumb if the taxpayer claims a charitable deduction for the present value of a temporary or remainder interest in propenty-
(i) A complete description of the interest that is transferred, including a copy of the instrument of transfer. - (ii) The valuation tdate of the transiar;
(iii) The names and identification numbers of the beneficiaries of the transforrod interest;
(iv) The names and birthdates of eny measuring lives, a description of any relevant terminalillaess condition of any measuring dife, and (ifapplicable) an explanation of how any termina illness condition was taken into account in xaluing the interest, and
(v) A computation of the deduction showing the applicable section 7520 interest rate that is meed to value the transferred interest.
(5) Place for filing returns Sce section 6091 of the Internal Revenue Code and the regulations thereunder for the place for filing the retarn or other document required by this section.
(b) Election of intenest rate component-(1) Time formaking election. A taxpayer makes a priormonth election under paragraph $\left(\begin{array}{l}\text { and } \\ (2) \text { of }\end{array}\right.$ this section by attaching the information described in paragraph (b) ( 2 ) of this section to the taxpayer's income tax return or to an amended ratnm for that year thatis filed within 24 months xfier the later onf the date thre original return for the year was filled or the due date:for filing the return.
(2) Manner of making relection. A statemend that the prior-inonth election under section 7.520fa) of the tritemad Revenue Conde is being made and that identifies the elected month :must he attached to the income tax rehurn (or to the amended retums).
(3) Revocability. The prior month election may be revoked by filing \#n amended seturn within 24 montis after the later of the date the original return of tax for the year was filed or the due date for filing the reture. The revocation must te falled in the place referred:to in paragraph (a)(5) of this section.
(c) Effactive dates. Paragraph iat of this section is effective as of May 1 , 1989. Paragraph (b) of this section is effective far elections made after june 10, 1994.


### 51.7520-3. thritafion on the appllication of section 7520.

(a) Intarnal Revenue Code sactions to which section 7520 does not apphy. Section 7520 of the Internal Revenue Code does mot apply for purposes of
(1) Part I subchapter D of subtitle A (section 401 et. seq.). selating to the income tax treatment of corlain qualifed plans. (However, section 7520 does apply to the estate and gift tax treatment of certain qualifed pians and for purposes of determining excess accumulations under section 4980A):
(2) Sections 72 and $102(\mathrm{ta})$, relating to the income taxation of life inguraboe, endowment, and annuity contracts,
unless otherwise provided fur in the regulations under sections 72,101, and 1011 (see, particularly. f\$1.101$z(e)(1)(\mathrm{iii})(b)(2)$, and $1.7011-2(\mathrm{cL}$, Example 8);
(3):Sections 83 and 451 , unless otherwise previde for in the regulationsunder those sections,

- (4) Section 457, relating to the vatuation of deferred compensetion, unless otherwise provided for in the regulations under section 457;
(5) Sections 3121 (v) and 3306(r), relating to the valuation of deferred amounts, unless otherwise prowided for in the regulations ander thase sections;
(6) Section 605B, relating 10 waluation statements evidencing eompliznce with qualified plan requirements, unness otherwise provided Ior in tite. regulations under section 6058 :..........
(7) Section 7872 , reilating to inoone and gift taxation of interest-free loans and loans with below-market interest rates, anless otherwise provided forin the regulations under section 7872; ar
(8) Section 2782(a) 2 (A), relating to the walue of a nomqualified retamed interest upon a transier of an interest in trust toror for the banefit of a member of the transfercr's farminy: and
(9) Any other sections of the Interisal Revenue Code to the extent provided by the Internal Reverue Service in revenue rudings or revenue procodures. (See $\$ \$ 601.201$ and 601.691 of this uchapter).
(b) Other limitations an the
application of tection 7520 . [Reserved]
(c) Effective date. Section $1.7520-3\{$ a) is effective as of May 1. 2989.


## \$1.7520-4 Transitionat nules.

(a) Relionce. If the waluation date is after April 30. 1989. and before June 10. 1994, a taxpayer can rely on Natice 8924, 1989-1 C.H. 660, or Notice B9-60, 1989-1 C.B. 7001 See
§601.6011d) (2)(iu)(b) or this chapter), in valuing the transferrad interest.
(b) Effective date. Thirs section is effective as of May 21989.

## PART 20-ESTATE TAX; ESTATES OF DECEDENTS DYING AFTER AUGUST 16, 1954

Par. 17. The authority citation for part 20 is revised to fead as fallows:

## Authority:25 1LS.C. 7805.

Section 20.2031-7 fil90 4 saved under 26 17:S:C. 7520(c) L 2 )
Section $20.20131-7 \mathrm{~A}$ also issued under 26 U.S.C. $7520(\mathrm{c})(2)$.

Section 20.7520-4 also issued under 26 U.S.C. 7520(c) (2).

Section $20.7520-2$ also issued under 26 U.S.C 7520 (c) (2).

Section $20.7520-3$ a 730 issured under 26 U.S.C. $7520(\mathrm{c})(2)$.

Section $20.7520-\mathrm{ff}$ nho vissued under 2 E U.S.C. 7520 (4) (2).

Par. 18. Section $\$ 20.2013-4$ is amended by:

1. Revising the second sentence of the introductory text of paragraph (a).
2. Revising the fourth sentence in Example (2) of paragraph (a).
3. The revisions read as follows:

## $\$ 20.2013-4$ Valuation of property transierred.

(a) * * * If the decedent received a life estate or a remainder or other limited interest in property that was included in a transferor decedent's gross estate, the value of the interest is determined as of the date of the transferor's death on the basis of recognized valuation principles (see §§ 20.2031-7 (or, for certain prior periods, $\S 20.2031-7 \mathrm{~A}$ ) and 20.7520 -1 through 20.7520-4). * **

Example (2). * *The part of that value attributable to the life estate is $\$ 44,688$ and the part of that value attributable to the remainder is $\$ 55.312$ (see $\$ 20.2031-7 \mathrm{~A}(\mathrm{~b})$ ).

Par. 19. Section 20.2031-0 is added to read as follows:

## § 20.2031 -0 Table of contents.

This section lists the section headings and undesignated center headings that appear in the regulations under section 2031.

52031-1 Definition of gross estate; valuation of property.
$\$ 20.2031-2$ Valuation of stocks and bonds.
$\$ 20.2031 \sim 3$ Valuation of interests in businesses.
$\$ 20.2031-4$ Valuation of notes.
\$20.2031-5 Valuation of cash on hand or on deposit.
\$20.2031-6 Valuation of housetold and personal effects.
§ 20.2031~7 Valuation of annuilies. interests for life or term of years, and remainder or reversionary interests for estates of decedents for which the voluation date of the gross estote is after April 30. 1989.
$\$ 20.2031-8$ Valuation of certain life insurance ond annuity contracts; voluation of shares in an open-end investment company.
§20.2031-9 Valuation of other property.
Actuarial Tables Applicable Before May 1, 1989
§20.203i-7A Valuation of annuities, interests for life or term of years, and remainder or reversionary interests for estates of decedents for which the valuation date of the grass estate is before May 1. 1989.

Par. 20. Immediately following § $20.2046-1$ kn undesignated center heading and $\$ 20.2031-7 \mathrm{~A}$ are added to read as follows:

Actuarial Tables Applicable Before May 1, 1989
\$20.2031-7A Valuation of annuities, Interests for life or term of years, and remainder or reversionary interests for estates of decedents for which the valuation date of the gross estate is before May 1, 1989.
(a) Valuation of annuities, interests for life or term of years, and remainder or reversionary interests for estates of decedents for which the valuation date of the gross estate is before January 1, 1952. Except as otherwise provided in § 20.2031-7(b), if the valuation date of the decedent's gross estate is before January 1. 1952, the present value of annuities, life estates, terms for years, remainders, and reversions is their present value determined under this section. If the valuation of the interest involved is dependent upon the continuation or termination of one or more lives or upon a term certain concurrent with one or more lives, the factor for the present value is computed on the basis of interest at the rate of 4 percent a year, compounded annually. and life contingencies as to each life involved from values that are based on the Actuaries' or Combined Experience Table of Mortality, as extended. This tablé and related factors are described in former \$ 81.10 (as contained in the 26 CFR Part 81 edition revised as of April 1, 1958). The present value of an interest measured by a term of years is computed on the basis of interest at the rate of 4 percent a year.
(b) Valuation of annuities, interests for life or term of years, and remainder or reversionary interests for estates of decedents for which the valuation date of the gross estate is after December 31 . 1951, and before fanuary 1, 1971. Except as otherwise provided in § 20.2031-7(b), if the valuation date for the decedent's gross estate is after December 31, 1951, and before january 1. 1971, the present value of annuities, life estates, terms of years, remainders, and reversions is their present value determined under this section. If the valuation of the interest involved is dependent upon the continuation or termination of one or more lives, or upon a term certain concurrent with one or more lives, the factor for the present value is computed on the basis of interest at the rate of $31 / 2$ percent a year, compounded annually, and life contingencies as to each life involved are taken from U.S. Life Table 38. This table and related factors ere set forth in former § 20.2031-7 (as contained in the 26 CFR Part 20 edition revised as of April 1, 1984). Special factors involving one and two lives may be found in or
computed with the use of tables contained in the publication entitled "Actuarial Values for Estate and Gift Tax," Internal Revenue Sorvica Publication Number 11 (Rev. 5-59). This publication is no longer avaitable for purchase from the Superintendent of Documents. However, it may be obtained by requesting a copy from: CC:DOM:CORP:T:R (IRS Publication 11), room 5228, intemal Revenue Service, POB 7604, Ben Franklin Station, Washington, DC 20044. The present value of an interest measured by a term of years is computed on the basis of interest at the rate of $31 / 2$ percent a year.
(c) Valuation of annuities, interests for life or term of years, and remainder or reversionary interests for estates of decedents for which the valuation date of the gross estate is after December 31. 1970, and before December 1, 1983. Except as otherwise provided in § 20.2031-7(b), if the valuation date of the decedent's gross estate is after December 31, 1970, and before December 1, 1983, the present value of annuities, life estates, terms of years, remainders, and reversions is their present value determined under this section. If the valuation of the interest involved is dependent upon the continuation of or termination of one or more lives or upon a term certain concurrent with one or more lives, the factor for the present value is computed on the basis of interest at the rate of 6 percent a year, compounded amnually. and life contingencies are determined as to each male and female life involved, from values that are set forth in Table LN. Tabie LN contains values that are taken from the life table for total males and the life table for total females appearing as Tables 2 and 3 , respectively, in United States Life Tables: 1959-1960, published by the Department of Health and Human Services, Public Health Service. Table LN and related factors are set forth in former § $20.2031-10$ (as contained in the 26 CFR part 20 edition revised as of April 1. 1994). Special factors involving one and two lives may be found in or computed with the use of tables contained in Internal Revenue Service Publication 723, "Actuarial Values I: Valuation of Last Survivor Charitable Remainders," (12-70), and Intemal Revenue Service Publication 723A, "Actuarial Values II: Factors at 6 Percent Involving One and Two Lives," (12-70). These publications are no longer available for purchase from the Superintendent of Documents. However, a copy of each may be obtained from: CC:DOM:CORP:T:R (IRS

Publication 729/723AJ, 500 m 5228, Internal Revenue Service, POB 7604 , Ben Frankiin Station, Washington, DC 20044.

Par. 21. Section 20.2031-7 is redesignated as $\S 202032-7 \mathrm{~A}$. paragraph (d) and amended as follows:

1. The following redesignation table indicates the old CFR unit numbers for §20.2031-7 and the corresponding new CFR unil numbers for $\$ 20.2031-7 \mathrm{~A}$ (d):

| Oid CFR unit No. in \$20.2031-7 | Corresponding new No. in $\$ 20.2031-7 A$ |
| :---: | :---: |
| §20:2031-7 heading | Paragraph (d) heacting. |
| (a) .......................... | (d)(1). |
| (a)(1) ..................... | (d)(1)(i). |
| (a)(2) ..................... | (d)(1)(ii). |
| (a)(3) ....................... | (d)(1)(iii). |
| (b) .-....................... | (d)(2). |
| (b)(1) ....................... | (d)(2)(i). |
| (b)(2) ............ | (d) (2)(i). |
| (b)(3) | (d)(2)(ini). |
| (b) (3)(i) | (d) (2) (iii) (A). |
| (b)/33(i) |  |
| (c) through, (0) .-........ | (d)(3) Atrough (d)(6). |

2. The paragraph heading for paragraph (d) is revised.
3. Paragraphs ( $(\mathrm{d})(1)$ (i) and (iii) are revised.
4. Paragraph (d)f59, third and fourth sentences are revised and a new sentence is added after the fourth sentence.
5. Paragraph (d)(B), the headings for Tables A, B, and IN are revised.
6. The added and revised provisions read as follows.
§20.2081-7A Vatuation of annuittes, interests for lite or term of years, and remander or reversionary interests'tor. estates of decedents for which the valuation date of the gross estate is betore May $1,1989$.
(d) Valuotion of annuities, interests for life arderm of years, and remoinder or reversionery interests for estates of decedents for which the valuation date of the gross estate is after November 3 a, 1983. and before May 1, 1989-(1) In general. (i) Except as otherwise provided in $\S 20.2031-7$ (b), if the decedent died after November 30, 1983, and the valuation date for the gross estate is before May 1. 1989, the fair market value of annuities, life estates, terms of years, semainders, and reversions is their present value determined under this section. If the decedent died after November 30, 1983, and before August 9.1984 , or, in cases where the valuation date of the decedent's gross estate is before May 1 , 1989, if, on December 1, 1983, the decedent was mentally jacompetent so that the disposition of the decedent's
property could not be changod, and the decedent died on or after December 1. 1983, without having regained competency to dispose of the decedent's property, or if the decedem died within 90 days of the date an which the decedent first regained competency, the fair market value of annuities, life estates, terms for yeans, remainders, and reversions included in the gross estate of such decedent is their present value determined under sither.thissection or § $20.2031-7 \mathrm{~A} \mid \mathrm{Cl}$, at the option of the taxpayer. The value of annuities issued by companies regularly engaged in their sale, and of insurance policies on the lives of persons other than the decedent, is determined under $\$ 20.2031-8$. The fair market value of a remainder interest in a charitable remainder -initrust, as defined in 5.1.664-3.0I this chapter, is its present value detemined under $\$ 1.664-4$ of this chapter. The fair market value of a life interest or term for years in a charitable remainder unitrust is the fair market value of the property as of the date of valuation less the fair market value of the remainder interest on such date determined under $\$ 1.664-$ 4 of this chapter. The fairmarket value of the interests in a poaled income fund, as defined in $\S 1.642(\mathrm{c})-5$ of this chapter, is their value determined under § 1.642 (c)- 6 oi this chapter.
(iii) In-all examples.set forth in this section, the decedent is assumed to have died on or-after August 9, 1984, with the valuation date of the decedent's grass estate before May 1, 1989 , and to have been compotent to change the disposition of the property on December 1, 3983.
(5) Actuarial computations by the Internal Revenue Service. ***Table LN contains values of $i x$ taken from the life table for the total population appearing as Table 1 of United States Life Tables: 1969-71; puthished by the Deparment of Health and Human Services, Public Healit Service. Many special factors involving one and two lives may be found in or compated with the use of the tables contained in Internal Revenue Service Publication 723E, "Actuerial Values IE: Factors at 10 Percent Invalving One:and Two lives." (12-83). This publication is mo longer available for purchase from the Superintendent of Documents. However. it may be obtained by requesting a copy from:
CC:DOMCORP:T:R IRS Publication 723 E ), room 5228, internal Revenue Service, POB 7604, Ben Franktin Station, Washington, BC 20044.
(6) * **

Table A
Table A-Single Life, Unisex, 10 Percent-Table Showing the Present Worth of An Armuity of a life Estate, and a Remainder Interest-Applicable for Transfers After November 30, 1983, and Before May 1, 1989

Table B
Table B-Term Certain, Unisex, 10 Percent-Table Strowing the Present Worth of an Annuity for a Term Certain, of an locome Interest for a Term Certain, and of a Remainder Interest Postponed for a Term Certain-Applicable for Transfers After November 30, 1983, and before May T, 1989

Table LN
Table LN—Applicable for Transfers
After November 30, 1983, and BeJore May 1. 1989

Par. 22. New 5 20.2031-7 is added to read as follows:
520.2031 -7 Valuation of annuities, interests for life or term of years, and remainder or reversionary interests for estates of decedents for which the valuration date of the gross estate its after April 30, 1.989.
(a) In generul. Except as otherwise provided in paragraph (b) of this section and $\$ 20.7520-3$ b) (pertaining to certain limitations on the use of prescribed tables), the fair market value of annuities, life estates, therms of years, remainders, and reversionary interests for estates of decedents is the present vahue of such interests, determined under paragraph (d) of this section. The regulations in this and in related sections provide tables with stamdard actuarial factors and examples that illustrate how to use the tables to compute the present value of ordinary annuity, life, ard remainder interests in property. These sections also refer to standard and special actuarial factors that may be necessary to compute the present value of similar interests in more unusual fact situations.
(b) Commercial annuities and insurance contracts. The value of annuities issued by companies regutarly engaged in their sale, and of insurance policies on the lives of persons other than the decedent, is determined under § 20.2031-8. See § 20.2042-1 with respect to insurance policies on the decedent's life.
(c) Actuarial valuatians befare May 1 , 1989. The present value of annuities, life estates, terms of years, remainders, and reversions for estates of decedents
for which the valuation date of the gross
estate is before May 1, 1989, is
determined under the following
sections:

(d) Actuarial valuations after April 30, 1989-(1) In general. Except as otherwise provided in paragraph (b) of this section and $\$ 20.7520-3$ (b) fpertaining to certain limitations on the use of prescribed tables), if the valuation date for the gross estate of the decedent is after April 30, 1989, the fair market value of annuities, life estates, terms of years, remainders, and reversionary interests is their present value determined by use of standard or special section- 7520 actuarial factors. These factors are derived by using the appropriate section 7520 interest rate and, if applicable, the mortality component for the valuation date of the interest that is being valued, See §§ 20.7520-1 through 20.7520-4.
(2) Specific Interests-(i) Charitable . Hemainder Trusts. The fair market value of a remainder interest in a pooled income fund, as defined in $\$ 1.642$ (c)-5 of this chapter, is its value determined under $\$ 1.642$ (c)-6(e) of this chapter. The fair market value of a remainder interest in a charitable remainder annuity trust, as defined in $\begin{aligned} & \text { 1.664-2(a) }\end{aligned}$ of this chapter, is its present value determined under $\$ 1.664-2$ (c) of this chapter. The fair market value of a remainder interest in a charitable remainder unitrust, as defined in § 1.664-3 of this chapter, is its present value determined under $\$ 1.664-4(\mathrm{e})$ of this chapter. The fair market value of a life interest or term of years in a charitable remainder unitrust is the fair market value of the property as of the date of valuation less the fair market value of the remainder interest on that date determined under $\S 1.664-4(\mathrm{e})$ of this chapter.
(ii) Ordinary remainder and reversionary interests. If the interest to be valued is to take effect after a definito number of years or after the death of one individual, the present value of the interest is computed by multiplying the value of the property by the appropriate remainder interest actuarial factor (that corresponds to the applicable section 7520 interest rate and remainder interest period) in Table B (for a term certain) or

Table $S$ (for one measuring life), as the case may be. Tables B and S are included in paragraph (d)(6) of this section and in Internal Revenue Service Publication 1457. For information about obtaining actuarial factors for other types of remainder interests, see paragraph (d)(4) of this section.
(iii) Ordinary term-of-years and life interests. If the interest to be valued is the right of a person to receive the income of certain property, or to use certain nonincome-producing property. for a term of years or for the life of one individual, the present value of the interest is computed by multiplying the value of the property by the appropriate term-of-years or life interest actuarial factor that corresponds to the applicable section 7520 interest rate and term-of-years or life interest period). Internal Revenue Service Publication 1457 includes actuarial factors for an interest for a term of years in Table $B$ and for the life of one individual in Table S. However, term-of-years and life interest actuarial factors are not included in Table $B$ or Table $S$ in § 20.2031-7(d)(6) of this chapter. If Internal Revenue Service Publication 1457 for any other reliable source of term-of-years and life interest actuarial factors) is not conveniently available, an actuarial factor for the interest may be derived mathematically. This actuarial factor may be derived by subtracting the correlative remainder faclor (that corresponds to the applicable section 7520 interest rate and the term of years or the life) in Table $B$ (for a term of years) or in Table S (for the life of one individual) in $\$ 20.2031-7(\mathrm{~d})(\mathrm{G})$, as the case may be, from 1.000000 . For information about obtaining actuarial factors for otber types of term-of-years and life interests, see paragraph (d)(4) of this section.
(iv) Annuities. (A) If the interest to be valued is the right of a person to receive an annuity that is payable at the end of each year for a term of years or for the life of one individual, the present value of the interest is computed by multiplying the aggregate amount
payable annually by the appropriate annuity actuarial factor (that corresponds to the applicable section 7520 interest rate and annuity period). Internal Revenue Publication 1457 includes actuarial factors in Table B (for an annuity payable for a term of years) and in Table $S$ (for an annuity payable for the life of one individual). However, annuity actuarial factors are not included in Table B or Table S in paragraph (d)(6) of this section. If Intermal Revenue Service Publication 1457 (or any other reliable source of annuity actuarial factors) is not conveniently available, a required annuity factor for a term of years or for one life may be mathematically derived. This annuity factor may be derived by subtracting the applicable remainder factor that corresponds to the applicable section 7520 interest rate and annuity period) in Table B (in the case of a term-of-years annuity) or in Table $S$ (in the case of a one-life annuity) in paragraph (d)(6) of this section, as the case may be, from 1.000000 and then dividing the result by the applicable section 7520 interest rate expressed as a decimal number.
(B) If the annuity is payable at the end of semiannual, quarterly, monthly, or weekly periods, the product obtained by multiplying the annuity factor by the aggregate amount payable annualiy is then multiplied by the applicable adjustment factor set forth in Table K for payments made at the end of the specified periods. The provisions of this paragraph (d)(2)(iv)(B) are illustrated by the following example:
Example. At the time of the decedent's death in lanuary 1990, the annuitant, fge 72. is entitied to receive an annuity of 515,000 a year tor life payabie in equal monthly installunents at the end of each period. The section 7520 rate for January 1990 is 9.5 percent. Under Table S, Lhe remainder Factor at 9.6 percent for un individual aged 72 is .40238 . By converting the remainder factor to an annuity factor, as described above, the annuity factor at 9.6 percert for an individual aged 72 is 6.2356 ( 1.00000 minus .40133 . divided by .096). Under Table K, the adjustment facior under the column for payments made at the end of each monthly
guriod at the rate of 9.6 percent is $\mathbf{1 . 0 4 3 3}$. The aggregate annual amount. $\$ 15,000$. is maltiplied by the factor 6.2356 and the product multiplied by 1.0433 . The present value of the annuity at the date of the decedent's death is, therefore, \$97.584.02 [ $\$ 15.000 \times 6.2356 \times 1.0433$ ].
(C) If an annuity is payable at the beginning of annual, semiannual. quarterty. monthly, or weekly periods for a term of years, the value of the annuity is computed by multiplying the aggregate amount payable annually by the annuity factor described in paragraph (d) $(2)(\operatorname{iv})(A)$ of this section: and the product so obtained is then multiplied by the edjustment factor in Table / at the appropriate interest rate component for payments made at the beginning of specified periods. If an annuity is payable at the beginning of annual. semiannual, quartetly. monthly, or weekly periods for one or more lives. the value of the annuity is the sum of the first payment plus the present value of a similar annuity, the first payment of which is not to be made until the end of the payment period, determined as provided in this paragraph (d)(2)(iv).
(v) Annuity and unitrust interests for a term of years or until the prior death of an individual. See §25.2512$5(d)(2)(v)$ of this chapter for examples explaining how to compute the present value of an annuity or unitrust interest that is payable until the earlier of the lapse of a specific number of years or the death of an individual.
(3) Tronsitional rule, (i) If the valuation date is after April 30, 1989. and before June 10, 1994, a taxpayer can rely on Notice 89-24. 1989-1 C.B. 660. or Notice 89-60, 1989-1 C.B. 700 (See $\$ 601.601(\mathrm{~d})(2)(\mathrm{ii})(b)$ of this thapter).
(ii) If a decedent dies after April 30. 1989, and if on May 1, 1989, the decedent was mentally incompetent so that the disposition of the decedent's property could not be changed, and the decedent dies without having regained competency to dispose of the decedent's property or dies within 90 days of the date on which the decedent first regains competency, the fair market value of anmities. life estates, terms for years, remainders, and reversions included in the gross estate of the decedent is their present value delermined eitber under this section or under the corresponding section epplicabie at the time the decedent becane mentally incompetent, at the option of the decedent's executor. For example, see § 20.2031-7A(d).
(4) Publications and actuarial computations by the Internal Revenue

Service. Many standard actuarial factors not included in paragraph (d) (6) of this section are included in Internal Revenue Service Publication 1457. 'Actuarial Values. Alpha Volume," (8-89). Publication 1457 also ímeludes examples that illustrate how to compute many special factors for more unusual situations. A copy of this publication may be purchased from the Superintendent of Documents, United States Govermment Printing Office; Washington. DC 20402. If a special factor is required in the case of an actual decedent, the Service may furnish the factor to the executor upon a request for a ruling. The request for a ruling must be accompanied by a recitation of the facts including a spatement of the date of birth for each measuring life, the date of the decedent's death, any other applicable dates. and a copy of the will, trust, or other relevant documents. A request for a ruling must comply with the instructions for requesting a ruling published periodically in the internal Revenue Bulletin (see $\$ \S 601.201$ and 601.601(d)(2)(ii)(b) of this chapter) and include payment of the required user fee.
(5) Examples. The provisions of this section are illustrated by the following examples:

## Example 1. Remainder payable al an

 individual's death. The decedent. or the decedent's estate, was entitled to receive certain property worth $\$ 50.000$ upon the death of the decedent's elder sister, to whom the income was bequeathed for life. The decedent died in February 1990. At the time of the deceden's-death, the elder sister was 47 years 5 months old. In February 1900, the section 7520 rate was 9.8 percent. Under Table $S$ in paragraph (d)(6) of this section. the remainder factor at 9.8 percent for determining the present value of the remainder interest due at the death of a person aged 47, the number of years nearest the elder sister's actual age at the decedeni's death. is .11352 . The present value of the remainder interest at the date of the decedant's death is, therefore, $\$ 5.6,76.00$ ( $550.000 \times .11352$ ).Example 2. Income payable for on individual's life. A's parent dequeahed an income interest in property to A for life, wilh the remainder interest passing to B at A 's death. At the time of the parent's dealh in October 1989, the value of the property was $\$ 50.000$ and $A$ was 30 years 10 months oid. The section 7520 rate in October 1989 was 10.2 percent. Under Table $S$ in parapraph (d)(6) of this section. the remainder factor at 10.2 percent for determining the present value of the remainder interest due at the death of a person aged 31, the number of years closest to $A$ 's age at the decedent's
death, is .03753 . Converling this remainder factor to an income factor, as described in paragraph (d)(2)(iii) of this section, the factor for determining the present value of an income interest for the life of a person aged 31 is .96247 . The prescal value of $A$ 's interest at the time of the parent's death is, therefore. S+8,123.50 ( $\$ 50,000 \times .96247$ ).
Example 3. Annuity payable for an indirjdual's life. A purchased an anatity for the benefit of both A and B. Under the termis of the annuity contract. at A's death, a survivor annuity oi $\$ 10.000$ a year payable in equal semiannual instailments made al the end of each interval is payatle to $B$ for tife. A died in September 1989. For September 1989. the section 7520 rate was 9.6 percent At A's deah, B was 45 years 7 months old. Under Table $S$ in paragraph $(d)(6)$ of this section, the factor at 9.6 percent for determining the ptesent value of the remainder interest at the death of a person gge 45 (the number of years nearest B's actual age) is .11013 . By converting the factor to an annuity factor, as described in paragraph (d) (2)(iv) of this section, the factor for the present value of an onnuity payable until the death of a person age 46 is 9.2695 ( $\mathbf{1 . 0 0 0 6 0}$ minus, 11013 . divided by .096). The adjustment factor from Table K in paragraph (d)(6) of this section at an interest rate of 9.6 percent for semiannuai annuity payments made at the end of the period is $\mathbf{1 . 0 2 1 5}$. The present value of the annuity at the date of $A \cdot s$ death is. therefore. $\mathbf{S 9 4 . 8 7 3 . 3 3}$ ( $\$ 20.000 \times 9.2695 \times 1.0235$ ).
Example 4. Annuity payable for o term of years. The decedent. or the decedent's estate. was entitled to receive an annuity of $\$ 10,000$ a year payable in equal quarterly instatlments at the end of each quarter throughoul a lerm certain. The decedent died in Feinuary 1996. For February 1990 , the section 7520 rate was 9.8 percent. A quarterly payment had just been made prior to the decerent's death and payments were to continue for 5 more years. Under Table B in paragraph (d)(6) of this section for the interest mate of 9.8 percent, the factor for the present value of a remainder interest due after a term of 5 years is . 526597 Converting the factor to an annuisy fictor, as described in paragraph (d)(e)(iv) oi itis section. the factor for the present vatue of an anmuity for a term of 5 years is $3.6: 0$. The udjustment factor from Table $k$ in pragraph (d)(6) of this section atan ieterest rate o! 9.4 percent for quaterly annuity paymerts mediat the end of the period is 1.036n. The present value of the anneity is. therefore. $\$ 39,473.67$ (S10,000×3.81020×10360).
(6) Actuarial Tables. Ex:eept as provided in § $20.7520-3$ (b) (pertaining to certain limitations on the use of prescribed tables], the following tables must be used in the application of the provisions of this section when the section 7520 interest rate component is between 4.2 and 14 percent.

Table B.-Term Certain Remainoer factors Applicable afyer April. 30, 1989

| Years | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 42\% | 4.4\% | 4.6\% | 4.8\% | 5.0\% | 5.2\% | 5.4\% | 5.6\% | 5.8\% | 6.0\% |
|  | 959693 | . 957854 | . 956023 | . 954198 | . 952381 | . 950570 | . 948767 | .946970 | . 945180 | . 943396 |
| 2 | . 921010 | . 917485 | . 313980 | . 910495 | . 907029 | . 903584 | . 900158 | . 836752 | . 893364 | . 889995 |
| 3 ._---....-........ | . 883887 | 878817 | . 873786 | . 868793 | . 863838 | . 858920 | . 854040 | . 849197 | . 844390 | . 839619 |
| 4. | . 848260 | 841779 | . 835359 | . 529001 | . 822702 | . 816464 | . 810285 | . 804153 | . 798100 | . 792094 |
|  | . 814089 | . 806302 | . 798623 | . 791031 | . 783526 | . 776106 | . 768771 | . 761518 | . 754348 | . 747258 |
|  | . 781257 | .772320 | . 763501 | . 754801 | . 746215 | . 737744 | . 729384 | . 721135 | . 712994 | . 704961 |
| 7. | . 749766 | . 739770 | . 729925 | . 720230 | . 710681 | . 701277 | . 692015 | . 682893 | . 673908 | . 665057 |
|  | . 719545 | . 708592 | . 697825 | . 687242 | . 676839 | . 666613 | . 656561 | . 646579 | . 636964 | . 627412 |
|  | . 690543 | . 678728 | . 667137 | .655765 | . 644609 | . 633663 | . 622923 | . 612385 | . 602045 | . 591898 |
| 10 | . 662709 | . 650122 | . 637798 | . 625730 | . 613913 | . 602341 | . 531009 | . 579910 | . 559044 | . 558395 |
| 1 | . 635997 | . 622722 | '. 609750 | . 597071 | . 584679 | . 572568 | . 560729 | . 549157 | . 537846 | . 526788 |
|  | . 610362 | . 596477 | . 582935 | . 569724 | . 5568837 | . 544266 | . 532001 | . 520035 | . 508361 | . 496969 |
|  | . 585760 | . 571339 | . 557299 | . 543630 | 530321 | .517363 | . 504745 | . 492458 | . 480492 | . 468839 |
|  | . 562150 | . 547259 | . 532790 | . 518731 | . 505068 | . 491790 | .478385 | . 466343 | . 454151 | . 442301 |
| 15 | . 533491 | . 224195 | . 539360 | . 494972 | . 481017 | . 467481 | . 454350 | -441612 | . 429255 | . 417265 |
| 16 | . 517746 | . 502102 | . 486960 | . 472302 | . 458112 | . 444374 | .431072 | . 418194 | . 405723 | . 393646 |
| 17 | . 496877 | . 480941 | . 465545 | . 450670 | . 436297 | . 422408 | . 408987 | . 395017 | . 383481 | . 371354 |
|  | . 476849 | . 460671 | . 445071 | . 430029 | . 415521 | . 401529 | . 388033 | . 375016 | . 362458 | . 350344 |
|  | . 457629 | . 441256 | . 425498 | .410332 | 395734 | 381681 | . 368153 | . 355129 | . 342588 | . 330513 |
|  | . 439183 | . 422659 | . 405786 | 391538 | . 376889 | 362815 | . 349291 | . 336296 | . 323807 | . 311805 |
| 21 | . 421481 | . 404846 | . 388897 | . 373605 | 3558942 | 344881 | . 331396 | . 318462 | . 306055 | . 294155 |
| 22 | . 404492 | . 387783 | 371794 | -355494 | . 341850 | . 327834 | 314417 | . 301574 | . 289278 | . 277505 |
| 23 | 388188 | . 371440 | . 355444 | . 340166 | . 325571 | 311629 | . 298309 | 285581 | . 273420 | . 261797 |
| 24 | . 372542 | . 355785 | 339813 | . 324586 | 310068 | 296225 | 283025 | . 270437 | 258434 | 246979 |
| 25 | . 357526 | . 340791 | . 324859 | . 309719 | 295303 | 281583 | 263525 | 256096 | 244263 | . 232999 |
|  | . 343115 | . 326428 | . 310582 | . 295533 | . 281241 | 267664 | 254768 | 242515 | . 230873 | 219810 |
|  | . 329285 | . 312670 | 296923 | 281998 | 257848 | . 254434 | -241715 | 229654 | 218216 | 207368 |
| 28 | . 316012 | . 299493 | 283866 | 269082 | 255094 | 241857 | . 229331 | 217475 | 206253 | 195630 |
| 29 | 303275 | 286870 | 271382 | 256757 | 242946 | 229902 | 217582 | 205943 | . 194947 | . 184557 |
| 30 | 291051 | . 274780 | . 259447 | 244997 | 231377 | 218538 | 206434 | . 195021 | . 184260 | . 174110 |
| 31 | 279319 | . 263199 | . 248038 | 233776 | . 220359 | 207736 | . 195858 | . 184579 | . 174158 | 164255 |
| 32 | 268061 | 252105 | 237130 | -223069 | 209866 | . 197468 | . 185823 | . 174886 | . 664611 | . 154957 |
|  | . 257256 | . 241481 | 226702 | 212852 | . 199873 | . 167707 | . 176303 | . 165612 | . 1555887 | . 146186 |
| 34 | 246887 | . 231304 | 216732 | 203103 | . 190355 | . 178429 | . 167270 | . 156829 | . 147058 | . 137912 |
|  | 236935 | 221556 | 207201 | . 193808 | . 181290 | . 189609 | . 158701 | . 148512 | . 138996 | 130105 |
| 36 | 227385 | . 212218 | -198089 | . 184924 | . 172657 | . 261225 | . 150570 | . 140637 | . 131376 | . 122741 |
| 37 | 218220 | 203274 | . 189377 | . 176454 | . 164436 | . 153256 | . 142856 | . 133179 | . 124174 | . 115753 |
| 38 | . 209424 | . 194707 | . 181049 | . 168373 | . 156605 | . 145681 | . 135537 | . 126116 | . 117367 | . 109239 |
|  | 200983 | . 186501 | . 173087 | . 360661 | . 149148 | . 138480 | . 128533 | . 119428 | . 110933 | . 1033056 |
|  | .192882 | . 178541 | . 165475 | . 353302 | . 142046 | . 131635 | . 122004 | . 113095 | . 104851 | . 097273 |
| $41^{-}$ | . 185107 | . 171512 | . 158198 | - 146281 | . 135282 | . 125128 | . 115754 | . 107098 | . 099103 | . 091719 |
| 42 | .177646 | . 163900 | . 151241 | -139581 | . 128840 | . 118943 | . 109823 | . 101413 | . 093670 | . 086527 |
| 43 | . 170486 | . 156992 | .144590 | . 133188 | . 122704 | . 113064 | . 104197 | . 095040 | .080535 | . 091530 |
| 44 | . 163614 | . 150376 | . 138231 | . 127088 | . 116861 | . 107475 | . 098858 | . 0909447 | . 083632 | . 077009 |
| 45 | . 157019 | . 144038 | . 132152 | . 121267 | . 111297 | . 102163 | . 033793 | . 086124 | . 079094 | .072650 |
|  | . 150690 | . 137968 | . 126340 | . 115713 | . 105997 | . 097713 | . 088988 | . 081557 | . 674758 | . 063538 |
| 47 | .144615 | -132153 | . 120784 | .110413 | . 100919 | . 032312 | . 084429 | . 077232 | . 670660 | . 064658 |
| 48 | . 138787 | . 226583 | . 115473 | . 105356 | . 098142 | . 087749 | . 080103 | . 073136 | . 066786 | . 050998 |
| 49 | . 133193 | . 121248 | . 110395 | . 10.0530 | . 691564 | . 083312 | . 075999 | . 069258 | . 063125 | . 057546 |
| 50 | . 127824 | . 116138 | . 105540 | . 095926 | . 087204 | . 079289 | . 072106 | .065595 | . 059665 | . 054288 |
| 51 | . 122672 | . 111243 | . 100398 | . 091532 | . 083051 | . 075370 | . 665411 | . 062107 | . 056394 | . 051215 |
|  | . 117728 | . 106555 | . 095454 | . 037340 | . 079035 | . 0.1644 | . 664907 | . 058813 | . 053302 | . 043376 |
| 53 | . 112982 | -i02054 | . 632219 | .083340 | . 0753330 | . 063103 | . 051581 | . 055695 | . 050380 | .045522 |
| 54 | .103428 | . 037763 | .088:64 | . 079523 | . 071743 | . 054737 | .058-425 | . 052741 | .047518 | . 043001 |
| 55 | . 104058 | . 093342 | . 084256 | .075860 | . 068326 | . 061537 | . 055433 | . 049944 | . 045008 | . 040567 |
| 55 | . 693664 | . 0 ES686 | . 020500 | . 372405 | . 055073 | . 085495 | . 052593 | . 047296 | . 042531 | . 038274 |
| 57 | . 095839 | . 035916 | . 077036 | . 069589 | . 061974 | . 055604 | . 049898 | . 054787 | . 040208 | . 035165 |
| 53 | . 091976 | . 082305 | . 673543 | . 6653824 | . 059023 | . 652855 | . 047342 | . 142412 | . 036304 | -03405t |
| ¢9 | . 033268 | . 078326 | . 070403 | . 062905 | . 055212 | . 050243 | . 044815 | . 040163 | . 335221 | . 032103 |
| 60 ................. | .084710 | . 075564 | . 05730 | 06x24 | .053533 | .047759 | . 942615 | .03003 | .0.3952 | . 035314 |

Table B.-TERM Ceftain Remannder Factors Applicabe Afrer April 30, 1989

| Years | \|riterest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6.2\% | 6. $4 \%$ | 6.5\% | 6.8\% | 7.8\% | 7.2\% | 7.4\% | 7.6\% | 7.8\% | 6. ${ }^{\text {\% }}$ |
| 1 | . 941620 | . 939850 | . 336086 | . 936330 | . 934579 | . 932836 | . 931009 | . 929368 | .927624 | . 925926 |
| 2 | . 2866547 | . 833317 | . 820006 | . 876713 | . 873439 | . 870183 | .856945 | . 863725 | 880523 | - -57339 |
| 3 | . 234885 | . 83018 | . 225521 | . 220992 | 816293 | .811738 | . 807211 | 8027:8 | . 798259 | .79393? |

Table B.-Term Ceatain Remainder Factors Applicable After April 30, 1989-Continued

| Years | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6.2\% | 6.4\% | 6.6\% | 6.8\% | 7.0\% | 7.2\% | 7.4\% | 7.5\% | 7.9\% | 8.0\% |
| 4 | 786144 | . 780249 | . 774410 | . 769526 | . 762895 | . 757218 | . 751593 | . 746021 | . 740500 | . 735030 |
| 5 | .740248 | . 733317 | . 726464 | . 719687 | . 712986 | . 705350 | .699808 | 693328 | 686920 | 630583 |
| 6 | . 697032 | . 639203 | . 681435 | . 673364 | -6663:2 | -658978 | .6E1590 | 644357 | . 637217 | 630170 |
| 7 | . 655339 | . 647752 | . 639292 | . 630959 | . 622750 | . 614662 | -605694 | . 598845 | .59111: | . 583490 |
| 8 | . 619022 | .608799 | . 593711 | .590786 | . 592009 | -573379 | . 564892 | . 556547 | . 546340 | 540263 |
| 9 | . 581942 | . 572170 | . 562531 | . 553170 | .543534 | -5342的 | 525971 | . 517237 | . 508664 | . 500249 |
| 19 | . 547868 | . 537754 | . 527750 | . 517950 | . 508349 | .498944 | 48973 | . 480704 | 471853 | 460193 |
| 1 | . 515977 | . 505408 | . 495075 | . 484972 | . 475093 | . 465433 | 455987 | . 445750 | . 437717 | 423983 |
| 12 | 435954 | . 475007 | . 454423 | . 454093 | . 444012 | . 434173 | 424569 | . 415196 | 405046 | . 397114 |
| 13 | . 457490 | . 446435 | . 435569 | . 425161 | 414964 | 495012 | . 395316 | . 385670 | . 376566 | .36,698 |
| 14 | . 430781 | 419552 | . 408695 | . 398109 | 387817 | . 37810 | 3 39078 | . 358 615 | . 349412 | . 340461 |
| 15 | . 405632 | 395344 | 333391 | . 372762 | . 352446 | . 352434 | . 342717 | . 333285 | -324130 | 345242 |
| 16 | . 38.951 | . 373624 | . 359654 | . 349023 | . 333735 | . 325763 | . 319103 | . 369745 | -300677 | 291890 |
| 13 | . 359653 | -318931 | -337366 | . 326305 | . 316574 | . 306685 | . 297117 | 287867 | 278321 | 270269 |
| 13 | . 333656 | . 327379 | . 316498 | . 305997 | 295354 | .295034 | 276945 | 267534 | .258739 | 250249 |
| 13 | . 318835 | . 317687 | 296902 | .286514 | . 276509 | 266870 | 257584 | 248538 | 240018 | 231712 |
| 20 | . 309268 | . 289179 | 278520 | 268272 | .258419 | .248946 | 239836 | 231076 | 222551 | 214548 |
| 21 | 282.7\% | .271785 | -267276 | . 251191 | 241513 | 232325 | 223311 | 214755 | . 208541 | 198655 |
| 22 | . 266232 | . 255437 | . 245099 | 235197 | 225713 | 216528 | 207925 | . 199586 | 191598 | te3941 |
| 23 | . 250689 | . 246073 | 223924 | 220222 | . 210947 | 202078 | . 193598 | 185439 | . 177733 | 170315 |
| 24 | 236054 | 275632 | .215683 | 206201 | . 197147 | . 188506 | 180259 | . 72387 | . 164873 | 157699 |
| 25 | . 222273. | . 212060 | 202334 | .t93072 | . 184249 | 175845 | 167839 | 160211 | . 152943 | 146018 |
| 26 | 209297 | . 199305 | :489607 | . 180779 | . 172195 | 164035 | 155275 | . 148895 | 14:877 | 135202 |
| 27 | . 197078 | . 187317 | . 178056 | . 169269 | . 160930 | 153017 | 145507 | 138379 | . 131614 | 125187 |
| 28 | . 185572 | . 176049 | . 167031 | 158491 | . 150402 | 142740 | 135482 | 128605 | . 122088 | 115914 |
| 29 | . 174739 | 165460 | . 156690 | 148406 | 140563 | 133153 | 126147 | -1t9521 | . 113255 | 107328 |
| 30 | . 164537 | . 155507 | . 146989 | 132351 | 131367 | 124210 | 117455 | 11:079 | 105050 | . 099377 |
| 31 | . 154932 | 146154 | . 137888 | ${ }^{130104}$ | 122773 | 115863 | . 109362 | 103233 | .097453 | . 092016 |
| 32 | . 145657 | 137362 | . 129351 | 121220 | 114741 | 108085 | . 101827 | 095942 | 090406 | 085200 |
| . 33 | . 137370 | +29100 | 121342 | 114054 | 107235 | -100826 | .094811 | . 089165 | . 083865 | 078889 |
| 34 | . 129350 | . 121335 | .113930 | 106802 | . 100219 | . 094054 | . 083278 | .052867 | . 077797 | . 073045 |
| 35 | $\therefore 121798$ | . 114036 | 1406782 | .100001 | :093563 | 087737 | -082195 | 077014 | 072168 | . 067635 |
| 35 | . 114688 | .107177 | 100171 | . 0.053634 | . 088535 | -031844 | . 076532 | . 071574 | . 066946 | . 052625 |
|  | . 107992 | . 100730 | .093969 | . 087673 | .081809 | . 076347 | 071259 | .066579 | . 062102 | 057986 |
| 38 | . 101683 | . 034671 | . 098151 | . 082090 | . 076457 | . 071219 | 066349 | -051521 | 057009 | . 053690 |
| 39 | . 085751 | .098977 | . 082693 | . 076864 | . 071455 | . 056436 | . 061778 | . 057454 | 053440 | 049713 |
| 40 | . 030161 | . 083625 | . 077573 | . 071970 | . 066780 | . 061974 | 057531 | . 053330 | . 049573 | 04603 : |
| 41 | . 054897 | . 078505 | . 072770 | . 067387 | 062412 | .057811 | 053558 | . 049625 | 045967 | .04262: |
| 42 | .07904: | . 073867 | . 058265 | .063097 | .058329 | . 053329 | .049858 | . 046120 | . 042659 | . 039464 |
| 43 | . 075274 | . 065424 | . 0004033 | . 053079 | . 054513 | . 050307 | . 046432 | . 042862 | . 039572 | 036541 |
| 44 | .070380 | 065243 | $\because .050074$ | . 0553318 | . 050946 | . 046923 | 043233 | . 039835 | . 036709 | 033834 |
| 45 | -056742 | -061323 | .055354 | . 051796 | . 047613 | .04.3775 | 040254 | .037021 | . 034053 | . 031329 |
| 40 | . 062345 | . 057635 | . 052565 | . 046498 | - 044499 | . 040836 | 037430 | . 034406 | . 031589 | 029007 |
| 47 | -059176 | . 054168 | . 049592 | - 045410 | . 041587 | 033093 | 034898 | 031976 | . 029303 | -026859 |
| 43 | .055722 | .0509:0 | .040522 | :042519 | .033957 | 035535 | 032493 | 029717 | . 027183 | 024869 |
| 49 | . 052469 | . 047848 | .0\$3641 | . 039812 | 036324 | 033148 | 030255 | . 027618 | 025216 | 023027 |
| 50 | . 049405 | . 044970 | . 040939 | . 037277 | .033948 | 030922 | .028:70 | 025686 | .023392 | 021321 |
| 51 | 046521 | 042265 | . 038405 | . 034903 | . 031727 | 928545 | 026229 | 023855 | . 021659 | 019742 |
| 52 | . 043805 | 0.039723 | 936027 | . 032681 | . 02955 : | 026907 | 024422 | 022170 | 020129 | 018200 |
| 53 | . 041248 | 037313 | 033796 | 030300 | 027711 | 0.05100 | 022739 | 020504 | 018673 | 016225 |
| 54 | 03 \%340 | 035037 | 031704 | 029352 | 025899 | 023414 | 021:72 | 012149 | 017322 | 015572 |
| 55 | 036572 | 032977 | . 029741 | cessa | 024204 | 021E42 | $0: 9714$ | 017735 | 016033 | 014511 |
| sis | 034437 | 050393 | 027200 | castig | . 023521 | 020335 | 013355 | $0: 6539$ | 61406 | 013436 |
| 57 | 032427 | 029129 | . 026172 | 023520 | 021141 | 019006 | 017031 | . 015371 | 6i3827 | 012441 |
| 50 | 0:30534 | . 027377 | . 024552 | . 022023 | .019753 | 01770 | $0: 5913$ | . 014235 | 012827 | 011513 |
| 59 | 02875 | 025733 | 023032 | 020220 | 9184es | .015539 | 0:4317 | .013276 | 011893 | 010555 |
| 69 | 027073 | .024153 | . 221605 | 013307 | 017257 | 015429 | 013796 | . 012339 | 011035 | . 0099876 |

fable B-berm Certan Remindeg Factors
[Applicable ater Apal 30. 1339]

| Years | interest ale |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3.2\% | 8.4\% | 8. $6 \%$ | 98\% | 9.0\% | ¢2\% | 9. $4 \%_{i}$ | 9.6\% | 9.5\% | 10.0\% |
| 1 | 92+214 | . 922509 | . 920810 | . 519112 | . 515431 | .915751 | -91+077 | St2409 | 910747 | 909031 |
| 2 | 85:172 | . 851023 | 847892 | 844777 | . 841630 | . 538600 | . 835536 | 872490 | 82.9160 | 326446 |
| 3 | 783438 | . 785077 | 780747 | . 776450 | . 772183 | . 757948 | . 763744 | 759571 | 755428 | . 751315 |
| 4 | 7 7? 710 | . 724249 | 718920 | 713549 | 70 P ¢ 25 | 703250 | 698121 | 693033 | 63\%003 | 633013 |

Table B.-Term Certain Remainder Factors-Continued
[Applicable atter April 30; 1989]

|  | Years | Interest rale |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 8.2\% | 8.4\% | 8.6\% | 8.8\% | 9.0\% | 9.2\% | 9.4\% | 9.6\% | 9.8\% | 10.0\% |
| 5 |  | . 674316 | . 668119 | . 661989 | . 655927 | . 649931 | . 644001 | .638 | 632335 | 626597 |  |
| 6 |  | . 623213 | . 616346 | . 609566 | . 602874 | . 596267 | . 589745 | . 583315 | . 576948 | . 570671 | 568 |
|  |  | . 575982 | . 568585 | . 561295 | . 554112 | . 547034 | . 540059 | . 533186 | . 526412 | . 519737 | . 513 |
| 8 |  | . 532331 | . 524524 | . 516846 | . 509294 | . 501866 | . 494560 | . 487373 | . 480303 | . 473349 | . 466 |
|  |  | . 491988 | . 483879 | . 475937 | . 468101 | . 460428 | . 452894 | . 445496 | . 438233 | . 431101 | 424 |
|  |  | . 454703 | . 446383 | . 438230 | . 430240 | . 422411 | . 414738 | . 407218 | . 399848 | . 352624 | 3855 |
|  |  | . 420243 | . 411792 | . 403526 | . 395441 | . 387533 | . 379797 | . 372228 | . 364824 | 357581 | . 35049 |
|  |  | . 388394 | . 379882 | . 371571 | . 363457 | . 355535 | . 347799 | . 340245 | . 332869 | . 325666 | . 318631 |
| 13 |  | . 358960 | . 350445 | . 342147 | . 334060 | . 326179 | . 318497 | . 311010 | . 303713 | . 290599 | 28966 |
| 14 |  | . 331756 | . 323298 | . 315052 | . 307040 | 299246 | . 291664 | . 284287 | . 277110 | . 270127 | . 26333 |
| 15 |  | . 306613 | . 298236 | . 290103 | . 282206 | 274538 | . 267092 | . 259860 | . 252838 | . 246017 | 23939 |
| 16 |  | . 283376 | . 275126 | . 267130 | . 259381 | 251870 | . 244589 | . 237532 | . 230691 | 224059 | . 21762 |
| 17 |  | . 261901 | . 253806 | . 245976 | . 238401 | 231073 | . 223983 | :217123 | 210485 | . 204061 | .19784 |
| 18 |  | . 242052 | . 234139 | . 226497 | . 219119 | . 211994 | . 205113 | . 198467 | . 192048 | . 185848 | . 179859 |
| 19 |  | 223708 | . 215995 | .208564 | . 201396 | . 194490 | . 187832 | . 181414 | . 175226 | . 169260 | . 163508 |
|  |  | . 206754 | . 199257 | . 192045 | . 185107 | . 178431 | . 772007 | . 165826 | . 159878 | . 154153 | . 148644 |
|  |  | . 191085 | . 183817 | . 176837 | . 170135 | . 163698 | . 157516 | . 151578 | . 145874 | . 140395 | . 135131 |
|  |  | . 176604 | . 169573 | .162834 | . 156374 | . 150182 | . 144245 | . 13855 | . 133097 | . 127864 | . 122846 |
| 23 |  | . 163220 | . 156432 | . 149939 | . 143726 | . 137781 | . 132093 | . 12664 | . 121439 | . 116452 | . 11167 |
|  |  | . 150850 | . 144310 | . 138065 | . 132101 | . 126405 | . 120964 | . 115767 | . 110832 | . 106058 | 101526 |
| 25 |  | . 139418 | . 133128 | . 127132 | . 121416 | . 115968 | . 110773 | .105820 | 101097 | . 096592 | . 092296 |
| 26 |  | . 128852 | . 122811 | .. 117064 | . 111596 | . 106393 | . 101441 | . 096727 | . 032241 | . 087971 | . 083905 |
| 27 |  | . 119087 | . 113295 | . 107794 | . 102570 | . 097608 | . 092894 | . 088416 | . 084162 | . 080179 | . 076278 |
| 28 |  | . 1110062 | . 104515 | . 099258 | . 094274 | . 089548 | . 085068 | . 080819 | . 076790 | . 072968 | . 069343 |
| 29 |  | . 101721 | . 096416 | .09139a | . 086649 | . 082155 | . 077901 | . 073875 | . 070064 | .065456 | . 063039 |
| 30 |  | . 094012 | . 088845 | . 084160 | . 079640 | . 075371 | . 071338 | . 067527 | .063927 | . 050524 | . 057309 |
| 31 |  | . 086887 | .082053 | . 077495 | . 073199 | . 069148 | . 065328 | . 061725 | . 058327 | . 055122 | . 052099 |
|  |  | . 080302 | . 075694 | . 071358 | . 067278 | . 063438 | . 059824 | . 056422 | . 053218 | . 050202 | . 04736 |
|  |  | . 074216 | . 069829 | . 065708 | . 061837 | . 058200 | . 054784 | . 051574 | . 048557 | . 045722 | . 043057 |
| 34 |  | . 068592 | . 064418 | . 060504 | . 056833 | .053395 | . 050168 | . 047142 | . 044304 | . 041641 | . 039143 |
|  |  | . 063394 | . 059426 | . 0555713 | . 052238 | . 048986 | . 045942 | . 043092 | . 040423 | . 037924 | . 035584 |
|  |  | . 0585889 | .054821 | . 051301 | . 048813 | . 044941 | . 042071 | . 039389 | . 036882 | . 034539 | . 032349 |
| 37 |  | . 054149 | . 050573 | . 047239 | . 044130 | . 041231 | . 038527 | . 03600 | . 033652 | . 031457 | . 029408 |
| 38 |  | . 050045 | . 046854 | . 043498 | . 040560 | . 037826 | . 035281 | . 032911 | . 030704 | . 028649 | . 026735 |
| 39. |  | . 046253 | . 043039 | . 040053 | . 037280 | . 034703 | . 032309 | . 030083 | . 028015 | . 026092 | . 024304 |
| 40 |  | . 042747 | . 039703 | . 036881 | . 034264 | . 031838 | . 029587 | . 027498 | . 025561 | . 023763 | . 022095 |
|  |  | . 039508 | . 036627 | . 033961 | . 031493 | . 029209 | . 027094 | . 025136 | . 023322 | . 021642 | . 020086 |
| 42 |  | . 036514 | . 033789 | .031271 | . 028946 | . 0226797 | . 024811 | . 022976 | . 021279 | . 019711 | . 018260 |
| 43 |  | . 033746 | . 031170 | . 028795 | . 026605 | .024584 | . 022721 | . 021002 | . 019415 | .017951 | .046600 |
|  |  | . 031189 | . 028755 | . 026515 | . 024453 | . 022555 | . 020807 | . 019197 | . 017715 | . 016349 | . 015091 |
|  |  | . 028825 | . 026527 | . 024415 | . 022475 | . 020692 | . 019054 | . 017548 | . 016163 | . 014890 | . 013719 |
| 46 |  | . 026641 | . 024471 | . 022482 | . 220657 | . 018984 | . 017449 | . 016040 | . 014747 | . 013561 | . 012472 |
| 47 |  | . 024622 | . 022575 | . 020701 | . 018986 | . 017416 | . 015978 | . 014662 | . 013456 | . 012351 | . 011338 |
| 48 |  | . 022756 | . 220825 | . 019062 | . 017451 | . 015978 | . 014633 | . 013402 | . 012277 | . 011248 | . 010307 |
| 49 |  | . 021031 | . 019212 | . 017552 | . 016039 | . 014659 | . 013400 | . 032250 | . 011202 | . 010244 | . 009370 |
|  |  | . 019437 | . 017723 | . 016163 | . 014742 | . 013449 | . 012271 | . 017198 | . 010221 | . 009330 | . 008519 |
| 51 |  | . 017964 | . 016350 | . 014883 | . 013550 | . 012338 | . 011237 | . 010236 | . 009325 | . 0088497 | . 007744 |
| 52 |  | . 016603 | . 015083 | . 013704 | . 012454 | . 011319 | . 010290 | . 009356 | . 008508 | . 007739 | . 007040 |
| 53 |  | . 015345 | . 013914 | . 012619 | . 011446 | . 010385 | . 009423 | . 008552 | . 007763 | . 007048 | . 006400 |
| 54 |  | . 014182 | . 012836 | . 011620 | . 010521 | . 009527 | . 008629 | . 007817 | . 007083 | . 006419 | . 005818 |
| 55 |  | . 013107 | . 011841 | . 010699 | . 009670 | . 008741 | .007902 | . 007146 | . 006463 | . 005 Se 46 | . 005239 |
| 56 |  | . 012114 | . 010923 | . 009852 | . 008888 | . 008019 | .007237 | . 0065532 | . 005897 | .005 24 | . 004809 |
| 57 |  | . 011196 | . 010077 | . 009072 | . 008169 | . 007357 | . 006627 | . 005971 | . 005380 | . 004849 | . 004371 |
| 58 |  | . 010347 | . 009296 | . 008354 | . 007508 | . 006749 | . 006069 | . 005458 | . 004909 | . 004416 | . 003974 |
| 59 |  | . 009563 | . 008576 | . 007692 | . 006901 | . 006192 | . 005557 | . 004989 | . 004479 | . 004022 | . 003613 |
| 60 | $\cdots$ | . 00883 | . 00 | . 007083 | . 006343 | . 00588 | . 005 | . 0045 | . 0040 | . 033 | 4 |

Table 日.-Term Certain Remainder Factors Applicable After April 30,1989

| Years | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10.2\% | 10.4\% | 10.6\% | 10.8\% | 11.0\% | 11.2\% | 11.4\% | 19.6\% | 11.8\% | 12.0\% |
| 1 .................................... | . 907441 | . 905797 | . 904159 | . 902527 | . 900901 | . 899281 | . 897666 | . 896057 | . 694454 | . 892857 |
| 2 ........................................ | . 823449 | . 820468 | . 817504 | . 814555 | . 811622 | . 808706 | . 805804 | . 802919 | . 800049 | . 797194 |
| 3 ......................................... | . 747232 | . 743178 | . 739153 | . 735158 | . 731191 | . 727253 | . 723343 | . 719461 | . 715607 | . 711780 |
| 4 ...-..................................... | . 678069 | . 673168 | . 668312 | . 653500 | . 658731 | . 654005 | . 649321 | . 644679 | . 640078 | .635518 |
| 5. | . 615307 | . 609754 | . 604261 | . 598827 | . 593451 | . 588134 | . 582873 | . 577669 | . 572520 | . 587427 |

Table B.-TERM C̈ertain Remainder factors applicable After April 30, 1989-Continued

| Years | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10.2\% | 10.4\% | 10.6\% | 10.8\% | 11.0\% | 11.2\% | 11.4\% | 11.6\% | 11.8\% | 12.0\% |
|  | . 558 | . 557313 | . 5463 | . 540457 | . 534541 | . 528897 | . 523225 | . 517625 | . 512093 | .506631 |
| 7 | . 506674 | 500284 | - 493985 | . 487777 | . 481658 | . 475627 | . 469682 | . 463821 | . 458044 | . 452349 |
| 8 | . 459777 | . 453156 | . 446641 | . 440232 | . 433926 | . 427722 | . 421617 | . 415610 | . 409700 | . 403883 |
| 9 | . 417221 | . 410467 | . 403883 | . 397322 | . 390925 | . 384642 | 378472 | . 372411 | . 366458 | . 360610 |
| 10 | . 378603 | 371800 | . 365131 | . 358593 | . 352184 | . 345901 | . 339741 | . 333701 | . 327780 | . 321973 |
| 11 | . 343560 | . 336775 | . 330137 | . 323640 | . 317283 | . 311062 | . 304974 | . 299016 | 293184 | 287476 |
| 12 | . 311760 | -305050 | 298496 | 292094 | 285841 | 279732 | 273765 | 267935 | . 262240 | . 256675 |
| 13 | 282904 | 276313 | . 265888 | . 263623 | . 257514 | . 251558 | 245749 | . 240085 | . 234561 | . 229174 |
| 14 | . 256719 | 250284 | . 244022 | 237927 | . 231995 | . 226221 | . 220601 | 215130 | . 209804 | . 204620 |
| 15 | . 232957 | . 226706 | 220634 | . 214735 | 209004 | . 203435 | . 198026 | . 192769 | . 187661 | . 182696 |
| 16 | . 211395 | . 205350 | . 199489 | . 193804 | . 188292 | . 182946 | . 177761 | . 172732 | . 167854 | . 163122 |
| 17 | . 191828 | . 186005 | . 180369 | . 174914 | . 169633 | . 164520 | . 159570 | . 154778 | . 150138 | . 145644 |
| 18 | . 174073 | . 168483 | . 163083 | . 157864 | . 152822 | . 147950 | . 143249 | . 138690 | . 134291 | . 130040 |
| 19 | . 157961 | . 152612 | . 147453 | . 142477 | . 137678 | . 133048 | . 128582 | . 124274 | 120117 | . 116107 |
| 20 | . 143340 | . 138235 | . 133321 | . 128589 | . 124034 | . 119648 | . 115424 | . 111357 | :107439 | . 103667 |
| 21 | . 130073 | . 125213 | . 120543 | . 116055 | . 111742 | . 107597 | . 103512 | . 099782 | . 096100 | . 092560 |
| 22 | . 118033 | . 113418 | . 108990 | . 104743 | . 100669 | . 096760 | . 093009 | . 089410 | . 085957 | . 082643 |
| 23 | . 107108 | . 102733 | . 098544 | . 094533 | . 090693 | . 087014 | .083491 | . 080117. | . 076884 | . 073788 |
| 24 | . 097495 | . 093056 | . 089100 | . 085319 | . 081705 | . 078250 | . 074947 | . 071789 | . 068770 | . 065882 |
| 25 | . 088198 | . 084289 | . 080560 | . 077003 | . 073608 | . 070369 | . 067278 | . 064327 | . 061511 | . 058823 |
| 26 | . 080035 | . 076349 | .072839 | . 069497 | . 056314 | . 063281 | . 060393 | . 057641 | . 055019 | . 052521 |
| 27 | . 072627 | . 069157 | . 065858 | . 062723 | . 059742 | . 0569908 | .054213 | . 051650 | . 049212 | . 046894 |
| 28 | . 065905 | . 062642 | . 059547 | . 056569 | . 053822 | -05117 | . 048665 | . 046231 | . 044018 | . 041869 |
| 29 | . 0598804 | . 056741 | . 053840 | . 051091 | . 048488 | . 046022 | . 043685 | . 041470 | . 039372 | . 037383 |
| 30 | .054269 | . 051396 | . 048680 | . 046111 | . 043683 | . 041386 | . 039214 | .037160 | . 035216 | . 033378 |
| 31 | . 049246 | . 046554 | . 044014 | . 041617 | . 035354 | . 037218 | . 035201 | . 033297 | . 031500 | . 029802 |
| 32 | . 044688 | . 042169 | 038796 | . 037560 | . 035454 | . 033469 | . 031599 | . 029836 | . 028175 | . 026609 |
| 33 | . 040552 | . 038196 | . 035982 | . 033899 | . 031940 | . 030098 | . 028385 | . 026735 | . 025201 | . 023758 |
| 34 | . 036798 | . 034598 | . 032533 | . 030595 | . 028775 | . 027067 | . 025463 | . 023956 | . 022541 | . 021212 |
| 35 | . 033392 | . 031339 | . 029415 | . 027613 | . 025924 | . 024341 | . 022857 | . 021466 | . 020152 | . 018940 |
| 36 | . 030301 | . 028387 | . 026596 | . 024921 | . 023355 | . 021889 | . 020518 | . 019235 | . 018034 | . 016910 |
| 37 | . 027497 | . 025712 | . 024047 | . 022492 | . 021040 | . 019684 | .018418 | . 017236 | . 016131 | . 015098 |
| 38 | . 024952 | . 023290 | . 021742 | . 020300 | . 018955 | . 017702 | . 016533 | . 015444 | . 014428 | . 013481 |
| 39 | . 022642 | . 021096 | . 019658 | . 018321 | .077077 | . 015919 | . 014841 | . 013839 | . 012905 | . 012036 |
| 40 | . 020546 | . 019109 | . 017774 | . 016535 | . 015384 | . 014316 | . 013323 | . 012400 | . 011543 | . 010747 |
| 41 | . 018645 | . 017309 | . 016071 | . 014923 | . 013860 | . 012874 | . 011959 | . 011111 | . 010325 | . 009595 |
| 42 | . 016919 | . 015678 | . 014531 | . 013469 | . 012486 | . 011577 | . 010735 | . 009956 | . 009235 | . 008567 |
| 43 | . 015353 | . 014201 | . 013138 | . 012156 | . 011249 | . 010411 | . 009637. | . 008922 | . 008260 | . 007649 |
| 44 | . 013932 | . 012884 | . 011879 | . 010971 | . 010134 | .009362 | . 008651 | . 007994 | . 007389 | . 005830 |
| 45 | . 012642 | . 011652 | . 010740 | . 009902 | . 009130 | . 008419 | . 0077765 | .007163 | . 006609 | . 006096 |
| 45 | . 011472 | . 010554 | . 009711 | . 008937 | .008225 | . 007571 | . 006971 | . 006419 | . 005911 | . 005445 |
| 47 | . 010410 | . 009560 | . 008780 | . 0088065 | . 007410 | . 0068809 | . 006257 | . 005752 | .005287 | . 004861 |
| 48 | . 009447 | . 008659 | . 007939 | . 007279 | . 006676 | . 006123 | . 005617 | . 005154 | . 004729 | .004340 |
| 49 | . 008572 | . 007844 | . 007178 | . 006570 | . 006014 | . 005506 | 005042 | . 004618 | . 004230 | . 003875 |
| 50 | . 0007779 | . 007105 | . 006490 | . 005929 | . 005418 | . 004952 | . 004526 | . 004138 | . 003784 | . 003460 |
| 51 | . 007059 | . 0064435 | . 0058688 | . 005351 | . 004881 | . 004453 | . 004063 | . 003708 | . 003384 | . 003089 |
| 52 | . 006406 | . 005829 | . 005386 | . 004830 | . 004397 | . 004005 | . 003547 | . 003322 | . 003027 | . 002758 |
| 53 | . 005813 | . 0055280 | . 004797 | . 004359 | .003962 | . 003601 | . 003274 | . 002977 | . 002708 | .002463 |
| $54$ | . 005275 | . 004783 | . 004337 | . 003934 | . 003569 | . 003238 | . 002939 | ,002668 | . 002422 | . 002199 |
| 55 | . 004786 | . 004332 | . 003322 | . 003551 | . 003215 | . 002912 | . 002838 | . 002390 | . 002166 | . 001963 |
| 56 | . 004343 | . 003924 | . 003546 | . 003205 | . 002897 | . 002619 | .002368 | . 002142 | . 001938 | 001753 |
| 57 | . 003341 | . 003554 | . 003206 | . 002882 | . 002610 | .002355 | . 002126 | . 001919 | . 001733 | .001565 |
| 58 | . 003577 | . 003220 | . 002899 | . 002610 | . 002351 | . 002118 | . 001908 | . 001720 | . 001550 | . 001398 |
| 59 | . 003246 | . 0022916 | .002621 | . 002356 | . 002118 | . 001905 | . 001713 | . 001541 | . 001387 | . 001248 |
| 60 | . 002945 | . 002642 | .062370 | . 002126 | . 001908 | . 001713 | . 001538 | . 001381 | . 001240 | . 01714 |

Table b.--Term Certain Remainoer Factors Applicable After April 30, 1989

| Years | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12.2\% | 12.4\% | 12.6\% | 12.8\% | 13.0\% | 13.2\% | 13.4\% | 13.6\% | 13.8\% | 14.0\% |
| 1 | . 891266 | .889680 | . 888099 | . 886525 | . 884956 | . 883392 | .881834 | . 880282 | . 878735 | . 877193 |
| 2 | . 794354 | . 791530 | . 788721 | . 785936 | . 783147 | . 760382 | . 777632 | . 774898 | . 772175 | . 769468 |
| 3 .__-_-_-...- | . 707981 | . 704203 | . 700462 | . 695743 | . 693050 | . 689383 | . 635742 | . 682127 | . 678536 | . 674972 |
| 4 | . 630999 | . 626520 | . 622080 | . 617680 | . 613319 | . 608996 | . 604711 | . 600464 | . 596254 | . 592080 |
| 5 ......................- | . 562388 | .557402 | . 562469 | . 547589 | 542760 | . 537982 | . 533255 | . 528577 | . 523949 | . 519369 |
| 6 | . 501237 | . 495909 | . 490648 | . 485451 | . 480319 | . 475249 | . 470242 | . 465297 | . 460412 | . 455588 |
| 7 | . 446735 | . 441200 | . 435744 | . 430364 | . 425061 | . 419831 | . 414676 | . 409592 | . 404580 | . 399637 |
| 8 | . 398160 | - 392527 | . 386984 | . 381529 | . 376160 | .370876 | . 365675 | . 360557 | . 355518 | 350559 |

Table B.-Term Certain Remainder Factors Applicable After april 30, 1989-Continued

| Years | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12.2\% | 12.4\% | 12.6\% | 12.8\% | 13.0\% | 13.2\% | 13.4\% | 13.6\% | 13.8\% | 14.0\% |
| 9 | . 354866 | . 349223 | . 343680 | . 338235 | . 332885 | . 327629 | . 322465 | . 317391 | 312406 | . 307508 |
| 10 | . 316280 | . 310697 | . 305222 | . 299853 | . 294588 | 289425 | . 284361 | . 279394 | 274522 | . 269744 |
|  | 281889 | . 276421 | 271068 | . 265827 | . 260698 | . 255676 | 250759 | 245945 | 241232 | 236617 |
|  | . 251238 | . 245926 | . 240735 | 235663 | . 230706 | . 225862 | . 221128 | 216501 | 211979 | 207559 |
| 13 | . 223920 | . 218795 | . 213797 | . 208921 | . 204165 | . 199525 | . 194998 | . 190582 | . 186273 | . 182069 |
| 14 | . 199572 | .194658 | .189873 | . 185213 | . 180677 | . 176258 | . 171956 | . 167765 | . 163685 | . 159710 |
| 15 | . 177872 | . 173183 | . 168626 | - 164196 | . 159891 | . 155705 | . 151637 | . 147681 | . 143835 | . 140096 |
| 16 | . 158531 | . 154077 | . 149757 | . 145564 | . 141496 | . 137549 | . 133718 | . 130001 | . 126393 | . 122892 |
|  | . 141293 | . 137080 | . 132999 | . 129046 | . 125218 | . 121510 | . 117917 | . 114438 | . 111066 | .107803 |
|  | . 125930 | . 121957 | . 118116 | . 114403 | . 110812 | . 107341 | . 103984 | . 100737 | . 097598 | . 094561 |
| 19 | . 112237 | . 108503 | . 104899 | . 101421 | . 098064 | . 094824 | . 091696 | . 088677 | . 085762 | . 082948 |
| 20 | . 100033 | . 096533 | . 093161 | . 089912 | .086782 | . 083767 | . 080861 | . 078061 | . 075362 | . 072762 |
| 21 | . 089156 | . 085883 | . 082736 | . 079709 | . 076798 | . 073999 | . 071306 | . 068716 | . 066224 | . 063825 |
| 22 | . 079462 | . 076408 | . 073478 | . 070664 | . 067963 | . 065370 | . 062880 | . 060469 | . 058193 | . 055988 |
| 23 | . 070821 | . 067979 | . 065255 | . 062546 | . 060144 | . 057747 | . 055450 | . 053247 | . 051136 | . 049112 |
| 24 | . 063121 | . 060480 | . 057953 | . 0555537 | . 053225 | . 051014 | . 048898 | . 046873 | . 044935 | . 043081 |
|  | . 056257 | -. 0538807 | . 051468 | . 049235 | . 047102 | . 045065 | . 043119 | . 041261 | . 039486 | . 037790 |
| 26 | . 050140 | . 047871 | . 045709 | . 043648 | . 041683 | . 039810 | . 038024 | . 036321 | . 034698 | . 033149 |
| 27 | . 044688 | . 042590 | . 040594 | . 038695 | . 036888 | . 035168 | . 033531 | . 031973 | . 030490 | . 029078 |
| 28 | . 0398829 | . 037892 | . 036052 | . 034304 | . 032644 | . 031067 | . 029569 | . 028145 | . 026793 | . 025507 |
| 29 | . 035498 | . 033711 | . 032017 | . 030411 | . 028889 | . 027444 | . 026075 | . 024776 | . 023354 | . 022375 |
| 30 | . 031638 | . 029992 | . 028435 | . 026960 | . 025565 | . 024244 | . 022994 | . 021810 | . 220689 | . 019627 |
| 31 | . 028198 | . 0266684 | . 025253 | . 023901 | . 022624 | . 021417 | . 020277 | . 019199 | . 018180 | .077217 |
| 32 | . 025132 | . 023740 | . 022427 | . 021189 | . 020021 | . 019920 | $=.017881$ | . 016900 | . 015975 | . 015102 |
| 33 | . 022399 | .021121 | . 019917 | . 018785 | . 017718 | . 016714 | . 015768 | . 014877 | . 014038 | . 013248 |
| 34 | . 019964 | .018791 | . 017689 | . 016653 | . 015680 | . 014765 | . 013905 | . 013096 | . 012336 | . 011621 |
| 35 | . 017793 | $\therefore .016718$ | . 015709 | . 014763 | . 013876 | . 013043 | . 012261 | . 011528 | . 010840 | . 010194 |
|  | . 015858 | . 014873 | . 013951 | . 013088 | . 012279 | . 011522 | . 010813 | . 010148 | . 009525 | . 008942 |
| 37 | . 014134 | . 013233 | . 012390 | . 011603 | . 010867 | . 010178 | . 009535 | .008933 | . 008370 | . 007844 |
| 38 | . 012597 | . 011773 | . 011004 | . 010286 | . 009617 | .008992 | . 008408 | . 007864 | . 007355 | . 0068880 |
| 39 | . 011227 | . 010474 | . 009772 | . 009119 | . 008510 | .007943 | . 007415 | . 006922 | . 006463 | . 006035 |
|  | . 010007 | . 009319 | .008679 | . 008084 | . 007531 | . 007017 | . 006538 | . 006093 | .005679 | . 005294 |
| 41. | . 008919 | .008291 | . 007708 | . 007167 | . 006665 | . 006199 | . 005766 | .005364 | . 004991 | . 004644 |
| 42. | . 007949 | . 007376 | . 006845 | . 006354 | . 005898 | . 005476 | $\cdots, 005085$ | . 004722 | . 004386 | . 004074 |
| 43. | . 007084 | .006562 | . 006079 | . 005633 | . 005219 | . 004837 | . 004484 | . 004157 | .003854 | . 003573 |
|  | . 0063314 | . 005838 | .005399 | . 004993 | . 004619 | . 004273 | . 003954 | . 003659 | . 003386 | . 003135 |
| 45 | . 005628 | . 005194 | . 004795 | . 004427 | . 004088 | . 003775 | . 003487 | . 003221 | . 002976 | . 002750 |
|  | . 005016 | . 004621 | . 004258 | . 003924 | . 003617 | . 003335 | . 003075 | . 002835 | . 002615 | . 002412 |
|  | . 004470 | . 004111 | . 003782 | . 003479 | . 003201 | . 002946 | . 002711 | . 002496 | . 002238 | . 002116 |
| 48. | . 0033984 | . 003658 | . 003359 | . 003084 | . 002833 | . 002602 | . 002391 | . 002197 | . 002019 | .001856 |
| 49. | . 003351 | . 003254 | . 002283 | . 002734 | . 002507 | . 002299 | . 002108 | . 001934 | . 001774 | . 001628 |
| 50 | . 003165 | . 002895 | . 002649 | . 002424 | . 002219 | . 002031 | . 001859 | . 001702 | . 001559 | . 001428 |
| 51 | . 002821 | . 002576 | . 002353 | . 002149 | . 001963 | . 001794 | . 001640 | . 001499 | . 001370 | . 001253 |
| 52 | . 002514 | . 002292 | . 002089 | . 001905 | . 001737 | . 001585 | . 001445 | .001319 | . 001204 | . 001099 |
| 53 | . 002241 | . 002039 | . 001856 | . 001689 | . 001538 | . 001400 | . 001275 | :001161 | . 001058 | . 000964 |
| 54 | . 001997 | . 001814 | . 001648 | . 001497 | . 001361 | . 001237 | . 001124 | . 001022 | . 000930 | . 000846 |
| 55 | . 001780 | . 001614 | . 004463 | . 001327 | . 001204 | . 001093 | . 0009991 | . 000900 | . 000817 | . 000742 |
| 56 | . 001586 | . 001436 | .001300 | . 001177 | . 001066 | . 000965 | .000874 | . 0000792 | . 0009718 | . 0000651 |
| 57 | . 001414 | . 001277 | . 001154 | . 001043 | . 000943 | . 000853 | . 000771 | . 000697 | .000631 | 000571 |
| 58 | . 001260 | . 001136 | . 001025 | . 000925 | . 000835 | . 0000753 | . 000680 | . 000614 | . 000554 | . 000501 |
| 59 | . 001123 | . 001019 | _000910 | .000820 | . 000739 | . 000665 | . 000600 | . 000540 | . 000487 | 000439 |
| 68 | . 001001 | . 000 | . 000809 | . 000727 | . 000654 | . 000588 | . 000529 | . 000476 | .000428 | . 000385 |

Table J.-Adustment Factors for Term Certain annuities payable at the Beginning of each Interval

- Applicabie afier april 30,1989
[Frequency of payments]

| Interest rate | Annually | Semi annuatly | Quarterly | Monthly | Weekly |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 4.2 ......................................................................................... | 1.0420 | 1.0314 | 1.0251 | 1.0226 | 1.0213 |
| 4.4 ......................................................................................... | 1.0440 | 1.0329 | 1.0274 | 1.0237 | 1.0223 |
| 4.6 ........................................................................................ | 1.0460 | 1.0344 | 1.0286 | 1.0247 | 7.0233 |
| 4.8 .......................................................................................... | 5.0480 | 1.0359 | 1.0298 | 1.0258 | 7.0243 |
| 5.0 ....................................................................................... | 1.0500 | 1.0373 | 1.0341 | 1.0269 | 1.0253 |
| 5.2 ....................................................................................... | 1.0520 | 1.0388 | 1.0323 | 1.0279 | 1.0263 |
| 5.4 ......................................................................................... | 1.0540 | 1.0403 | 1.0335 | 1.0290 | 1.0273 |
| 5.6 | 1.0560 | 1.0498 | 1.0348 | 1.0301 | 1.0283 |
| 5.8 | 1.0580 | 1.0433 | 1.0360 | 1.0311 | 1.0293 |

table J-Adustment Factors for Term Certan annumes Payable at the Beginning of Each interval APplicable Affer Apfill 30, 1989-Continued
dFrequency of payments]

| Interest rate | Annualy | Serni annually | Quaterly | Monthly | Weekdy |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0.0 | 1.0600 | 1.0448 | 1.0372 | 1.0322 | 1.0303 |
| 6.2 | 1.0620 | 1.0463 | 1.0385 | 1.0333 | 1.0313 |
| 6.4 | 1.0640 | 1.0478 | 1.0397 | 1.0343 | 1.0323 |
| 6.6 | 1.0660 | 1.0492 | 1.0409 | 1.0354 | 1.0333 |
|  | 1.0680 | 1.0507 | 1.0422 | 1.0365 | 1.0343 |
| 7.0 | 1.0700 | 1.0522 | 1.0434 | 1.0375 | 1.0353 |
|  | 1.0720 | 1.0537 | 1.0446 | 1.0386 | 1.0353 |
| 7.4 | 1.0740 | 1.0552 | 1.0458 | 1.0396 | 1.0373 |
| 6 | 1.0760 | 1.0567 | 1.0471 | 1.0407 | 1.0383 |
| 7.8 | 1.0780 | 1.0581 | 1.0483 | 1.0418 | 1.0393 |
| 8.0 | 1.0800 | 1.0596 | 1.0495 | 1.0428 | 1.0403 |
| 82 | 1.0820 | 1.0611 | 1.0507 | 1.0439 | 1.0413 |
| 8.4 | 1.0840 | 1.0626 | 1.0520 | 1.0449 | 1.0422 |
|  | 1.0860 | 1.0641 | 1.0532 | 1.0460 | 1.0432 |
| 88. | 1.0880 | 1.0655 | 1.0544 | 1.0471 | 1.0442 |
|  | 1.0900 | 1.0670 | 1.0556 | 1.0481 | 1.0452 |
|  | 1.0920 | 1.0685 | 1.0569 | 1.0492 | 1.0462 |
| 9.4 | 1.0940 | 1.0700 | 1.0581 | 1.0502 | 1.0472 |
|  | 1.0960 | 1.0715 | 1.0593 | 1.0513 | 1.0482 |
| 9.8 | 1.0980 | 1.0729 | 1.0605 | 1.0523 | 1.0492 |
| 10.0 | 1.1000 | 1.0744 | 1.0618 | 1.0534 | 1.0502 |
| 10.2 | 1.1020 | 1.0759 | 1.0630 | 1.0544 | 1.0512 |
|  | 1.1040 | 1.0774 | 1.0642 | 1.0555 | 1.0521 |
|  | 1.1060 | 1.0788 | 1.0654 | 1.0565 | 1.0531 |
| 10.8 | 1.1080 | 1.0803 | 1.0666 | 1.0576 | 1.0547 |
| 11.0 | 1.1100 | 1.0818 | 1.0679 | 1.0586 | 1.055 |
| 11.2 | 1.1120 | 1.0833 | 1.0691 | 1.0597 | 1.0561 |
| 11.4 | 1.1340 | \$.0847 | 1.0703 | \$.0607 | 1.0571 |
| 11.6 .-n-.....-..n-_-.........-- | 1.1160 | 1.0962 | 1.0715 | 1.0618 | 1.0581 |
| 11.8 | 1.1180 | 1.0877 | 1.0727 | 1.0628 | 1.0590 |
| 12.0 _-.......-_-........-_..................................................... | 1.1200 | 1.0892 | 1.0739 | 1.0639 | 1.0600 |
|  | 1.1220 | 1.0906 | 1.0752 | 1.0649 | 1.0610 |
| 12.4 | 1.1240 | 1.0921 | 1.0764 | 1.0660 | 1.0620 |
| 12.6 | 1.1260 | 1.0936 | 1.0776 | 1.0670 | 1.0630 |
| 128 | 1.1280 | 1.0950 | 1.0788 | 1.0687 | 1.0639 |
| 13.0 | 1.1300 | 1.0965 | 1.0800 | 1.0691 | 1.0649 |
| 132 | 1.1320 | 1.0980 | 1.0812 | 1.0701 | 1.0659 |
| 13.4 | 7.3340 | 1.0994 | 1.0824 | 1.0712 | 1.0669 |
| 13.6 | 1.1360 | 1.1009 | 1.0836 | 1.0722 | 1.0679 |
| 13.8 | 1.1380 | 1.1024 | 1.0849 | 1.0733 | 1.0688 |
| 14.0 | 1.1400 | 1.1039 | 1.0861 | 1.0743 | 1.0698 |

Table K--Adrustment Factors For Annuties payable at The End Of Each Interval Appligagle after April 30. 1989
[Frequency of Payments]

| Interest Rate | Anctatly | Serri annuatly | Quarterly | Monthly | Weekly |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 4.2 | 1.0000 | 1.0104 | 1.0156 | 1.0191 | 1.0205 |
| 4.4 .........................-................................................... | 1.0000 | 1.0109 | 1.0164 | 1.0200 | 1.0214 |
| 4.6 ......................................................................... | 1.0000 | 1.0174 | 1.0171 | 1.0209 | 1.0224 |
| 4.8 | 1.0000 | 1.0119 | 1.0178 | 1.0218 | 1.0234 |
| 5.0 | 1.0000 | 1.0123 | 1.0186 | 1.0227 | 1.0243 |
| 5.2 | 1.0000 | 1.0128 | 1.0793 | 1.0236 | 1.0253 |
| 5.4 | 1.0000 | 1.0133 | :.0200 | 1.0245 | 1.0262 |
| 5.6 | 1.0000 | 1.0138 | 1.0208 | 1.0254 | 1.0272 |
|  | 1.0000 | 1.0143 | 1.0215 | 1.0263 | 1.0282 |
| 6.0 | 1.0000 | 1.0148 | 1.0222 | 1.0272 | 1.0291 |
| 6.2 | 1.0000 | 1.0153 | 1.0230 | 1.0281 | 1.0301 |
| 6.4 | 1.0000 | 1.0158 | 1.0237 | 1.0290 | 1.0311 |
|  | 1.0000 | 1.0162 | 1.0244 | 1.0299 | 1.0320 |
| 6.8 | 1.0000 | 1.0167 | 1.0252 | 1.0308 | 1.0330 |
| 7.0 | 1.0000 | 1.0172 | 1.0259 | 1.0317 | 1,0339 |
| 7.2 ................-.--..................................- | 1.0000 | 1.0177 | 1.0266 | 1.0326 | 1.0349 |
| 7.4 | 1.0000 | 1.0182 | 1.0273 | 1.0335 | 1.0358 |
| 7.6 | 1.0000 | 1.0187 | 1.0281 | 1.0344 | 1.0368 |

Table K.-adustment factors for Annumtes Payable at The end of Each Interval Applicable After April 30, 1989-Continued
[Frequency of Payments]

| Interest Rate | Anrually | Seml ennually | Quarterly | Montrily | Weetly |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 7.8 .................................n.................................................. | 1.0000 | 1.0191 | 1.0288 | 1.0353 | 1.0378 |
| 8.0 | 1.0000 | 1.0196 | 1.0295 | 1.0362 | 1.0387 |
| 8.2 | 1.0000 | 1.0201 | 1.0302 | 1.0370 | 1.0397 |
| 8.4 | 1.0000 | 1.0206 | 1.0310 | 1.0379 | 1.0406 |
|  | 1.0000 | 1.0211 | 1.0317 | 1.0388 | 1.0416 |
| 8.8 ..............- ...............................................-.................... | 1.0000 | 1.0215 | 1.0324 | 1.0397 | 1.0425 |
| 9.0 | 1.0000 | 1.0220 | 1.0331 | 1.0406 | 1.0435 |
| 9.2 | 1.0000 | 1.0225 | 1.0339 | 1.0415 | 1.0444 |
| S.4 .......................--............................................................ | 1.0000 | 1.0230 | 1.0346 | 1.0424 | 1.0454 |
| Q.6 .......................................-............................................... | 1.0000 | 1.0235 | 1.0353 | 1.0433 | 1.0463 |
| 9.8 | 1.0000 | 1.0239 | :.0360 | 1.0442 | 1.0473 |
| 10.0 | 1.0000 | 1.0244 | 1.0368 | 1.0450 | 1.0482 |
| 10.2 ............................--....................................................... | 1.0000 | 1.0249 | 1.0375 | 1.0459 | 1.0492 |
| 10.4 | 1.0000 | 1.0254 | 1.0382 | 1.04 6 8 | 1.0501 |
| 10.6 | 1.0000 | 1.0258 | 1.0389 | 1.0477 | 1.0511 |
| 10.8 | 1.0000 | 1.0263 | 1.0396 | 1.0486 | 1.0520 |
| 11.0 | 1.0000 | 1.0268 | 1.0404 | 1.0495 | 1.0530 |
| 11.2 ,............................--...................................................... | 1.0000 | 1.0273 | 1.0411 | 1.0503 | 1.0539 |
| 11.4 ..................................................................................... | 1.0000 | 1.0277 | 1.0418 | 1,0512 | 1.0549 |
| 11.6 .............-................................-........................................ | 1.0000 | 1.0282 | 1.0425 | 1.0521 | 1.0558 |
| 11,8 ..................................................................................... | 1.0000 | 1.0287 | 1.0432 | 1.0530 | 1.0568 |
| 12.0 ...............-........-.....................-.......................-.............. | 1.0000 | 1.0292 | 1.0439 | 1.0539 | 1.0577 |
| 12.2 | 1.0000 | 1.0296 | 1.0447 | 1.0548 | 1.0587 |
| 12.4 | 1.0000 | 1.0301 | 1.0454 | 1.0556 | 1.0596 |
| 12.6 | 1.0000 | 1.0306 | 1.0461 | 1.0565 | 1.0605 |
|  | 1.0000 | 1.0310 | 1.0468 | 1.0574 | 1.0615 |
|  | 1.0000 | 1.0315 | 1.0475 | 1.0583 | 1.0624 |
| 132 -............-_.........-_-...........-7......................................... | 1.0000 | 1.0320 | 1.0482 | 1.0591 | 1.0634 |
| 13.4 | 1.0000 | 1.0324 | 1.0489 | 1.0600 | 1.0643 |
| 13.6 .........--.............-.....n-.......................-................... | 1.0000 | 1.0329 | 1.0496 | 1.0609 | 1.0652 |
| 13.8 | 1.0000 | 1.0334 | 1.0504 | 1.0618 | 1.0662 |
| .0 | 1.0000 | 1.0339 | 1.0511 | 1.0626 | 1.0671 |

Table S.-Based on Lffe Table 80CNSMT Single Life Remainder Factors
[Applicable atter April 30, 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4.2\% | 4.4\% | 4.6\% | 4.8\% | 5.0\% | 5.2\% | 5.4\% | 5.6\% | 5.8\% | 6.0\% |
| 0 | . 07389 | . 06749 | . 06188 | . 05695 | . 05261 | . 04879 | . 04541 | . 04243 | . 03978 | . 03744 |
| 1 -..................... | . 06494 | . 05832 | .05250 | . 04738 | . 04287 | . 03889 | . 03537 | . 03226 | . 02950 | 02705 |
| 2 | . 06678 | . 05999 | . 05401 | . 04874 | . 04410 | . 03999 | . 03636 | . 03314 | . 03028 | . 02773 |
| 3 | . 06897 | . 06200 | . 05587 | . 05045 | . 04567 | . 04143 | . 03768 | . 03435 | . 03139 | . 02875 |
| 4 | . 07139 | .06425 | .05796 | . 05239 | . 04745 | . 04310 | . 03922 | . 03578 | . 03271 | . 02998 |
| 5 | . 07401 | . 06669 | . 06023 | . 05451 | . 04944 | . 04494 | . 04094 | . 03738 | . 03421 | . 03137 |
| 6 | . 07677 | . 06928 | . 06265 | . 05677 | . 05156 | . 04692 | . 04279 | . 03971 | . 03583 | . 03289 |
|  | . 07968 | . 07201 | .065221 | . 05918 | 05381 | . 04903 | . 04477 | . 04097 | . 03757 | . 03453 |
| 8 | . 08274 | . 07489 | . 06792 | .06172 | . 05521 | . 05129 | . 04539 | . 04297 | . 03945 | . 03630 |
| 9 | . 08537 | . 07794 | . 07079 | . 06443 | . 05878 | .05370 | . 04817 | . 04511 | . 04148 | . 03821 |
| 10. | . 08936 | . 08115 | . 07383 | .06730 | 06147 | . 05626 | . 05159 | . 04741 | . 04365 | . 04027 |
| 11 | . 09293 | . 03453 | . 07704 | . 07035 | .05436 | . 05900 | . 05419 | . 04588 | . 04593 | . 04250 |
| 12 | . 09566 | . 08807 | . 080840 | .07354 | . 03739 | . 66183 | . 05693 | .05248 | . 04847 | . 04485 |
| 13 | . 10049 | . 09172 | . 03337 | . 07694 | . 07053 | . 05487 | .05977 | . 05518 | . 65104 | . 04731 |
| 14 | . 10437 | . 09541 | . 08738 | . 08017 | . 07370 | . 06788 | . 06263 | . 05791 | . 05364 | . 04978 |
| 15 | . 10327 | .c9912 | . 09090 | . 08352 | . 07688 | . 07095 | . 06557 | .06054 | . 05623 | . 05225 |
| 10. | . 11220 | . 10285 | . 09445 | .08685 | . 093908 | . 07394 | . 06839 | . 06337 | . 05883 | . 05472 |
| 17 | . 11515 | . 10661 | . 09802 | 09028 | .02330 | . 07699 | . 07129 | .05612 | . 006144 | . 05719 |
| 18 | . 12017 | . 11043 | . 10165 | . 23373 | .0255 | . 08009 | .07422 | .0E80 | .05408 | . 05969 |
| 19. | . 12428 | . 11434 | . 10537 | . 09726 | . 08992 | . 08327 | . 07724 | . 07177 | -06679 | . 00226 |
| 20 | . 12850 | . 11836 | . 10919 | . 10089 | .09337 | .c8654 | . 08035 | . 07471 | .04059 | . 06492 |
| 21. | . 13282 | . 12248 | -113:1 | . 10462 | . 09692 | . 08391 | . 05355 | . 07775 | . 07247 | . 06765 |
| 22. | . 13728 | . 12673 | .11717 | . 10848 | . 10059 | . 09341 | .03686 | . 06090 | . 07546 | . 07049 |
| 23 | . 14188 | -13113 | . 12136 | . 11248 | . 10440 | . 09703 | . 09032 | . 08418 | . 07858 | . 07345 |
| $24 \ldots . . . . . . . . . . . . . . . . . . . . ~$ | . 14667 | . 13572 | . 12575 | . 11687 | . 70839 | . 10084 | . 09395 | . 08764 | . 03187 | . 07659 |
| 25 | . 15167 | . 14051 | . 13034 | . 12106 | . 11259 | . 10486 | . 09778 | . 09130 | . 08536 | . 07991 |
| 26 ...................... | . 15690 | . 14554 | . 13517 | . 12565 | . 11703 | . 10910 | . 10184 | . 09518 | . 08907 | . 03346 |
| 27. | . 16237 | . 15081 | . 14024 | . 13056 | . 72171 | . 11359 | . 10614 | . 09930 | . 09302 | 08724 |

Table S.-Based on Life Table 80CNSMT Single Life Remainder Factors-Continued
[Applicable atter April 30. 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4.2\% | 4.4\% | 4.6\% | 4.8\% | . $5.0 \%$ | 5.2\% | 5.4\% | 5.6\% | 5.8\% | 6.0\% |
| 28 | . 16808 | . 15632 | . 34555 | . 13567 | . 12662 | . 11831 | . 11068 | . 10366 | . 09720 | . 09125 |
| 29. | . 17404 | . 16208 | . 15110 | . 14104 | . 13179 | . 12329 | .11547 | . 10827 | . 10163 | . 09551 |
| 30. | . 18025 | . 16808 | . 15692 | 14665 | . 13721 | . 12852 | . 12051 | . 11313 | . 10631 | . 10032 |
| 31. | . 18672 | . 17436 | . 16300 | . 15255 | . 14291 | . 13403 | . 12584 | . 11827 | . 11127 | . 10480 |
| 32. | . 19344 | . 18090 | . 16935 | . 15870 | . 14888 | . 13980 | . 13142 | . 12367 | . 11650 | . 10925 |
| 33. | . 20044 | . 18772 | . 17598 | . 16514 | . 15513 | 14587 | . 13730 | . 12936 | . 12201 | . 11519 |
| 34. | . 20770 | . 19480 | . 18287 | . 17185 | . 16165 | . 15221 | . 14345 | . 13533 | . 12780 | . 12080 |
| 35. | . 21522 | . 20215 | . 19005 | . 17884 | . 16846 | . 15883 | . 14989 | . 14159 | . 13388 | . 12670 |
| 36 | . 22299 | . 20974 | . 19747 | . 18609 | . 17552 | . 16571 | - 15650 | . 14812 | . 14022 | . 13287 |
| 37. | 23101 | .21760 | . 20516 | . 19360 | . 18286 | . 17288 | . 16358 | . 15492 | . 14685 | . 13933 |
| 38. | . 23928 | . 22572 | . 21311 | 20139 | . 99948 | . 18032 | . 17085 | . 16201 | . 15377 | . 14607 |
| 39. | . 24780 | . 23409 | . 22133 | 20945 | . 19837 | . 18804 | . 17840 | . 16939 | . 16097 | . 15310 |
| 40. | . 25558 | . 24273 | . 22982 | . 21778 | . 20654 | . 19005 | .18624 | . 17705 | . 16847 | . 16043 |
| 41. | . 26560 | . 25163 | . 23858 | 22639 | 21499 | . 20434 | . 19436 | . 18502 | . 17627 | . 16806 |
| 42. | 27486 | . 26076 | . 24758 | 23525 | 22370 | . 21289 | - 20276 | . 19326 | . 18434 | . 17597 |
| 43 | . 28435 | . 27013 | . 25683 | . 24436 | 23268 | . 22172 | 21143 | . 20177 | . 19270 | . 18416 |
| 44 | . 29407 | 27975 | . 26633 | 25373 | . 24191 | . 23081 | . 22038 | . 21057 | . 20134 | . 19265 |
| 45. | . 30402 | .28961 | . 27608 | . 26333 | . 25142 | . 24019 | . 22962 | 21966 | . 21028 | 20144 |
| 46 ....................... | . 31420 | . 29370 | . 28608 | 27326 | . 26120 | . 24983 | . 23913 | . 22904 | . 21951 | . 21053 |
| 47 ....................... | . 32460 | . 31004 | . 29632 | 28341 | . 27123 | . 25975 | . 24892 | . 23870 | . 22904 | . 21991 |
| 48 | . 33521 | . 32058 | . 30679 | 29379 | 28151 | . 26992 | . 25897 | . 24862 | . 23883 | 22957 |
| 49 | . 34599 | . 33132 | . 31746 | . 30438 | 29201 | . 28032 | . 26926 | 25879 | . 24888 | 23949 |
| 50. | . 35695 | . 34224 | . 32833 | . 31518 | . 30273 | . 29094 | . 27978 | 26921 | . 25918 | . 24966 |
| 51. | . 36809 | . 35335 | . 33940 | . 32619 | 31367 | . 30180 | . 29055 | 27987 | . 26973 | 26010 |
| 52. | . 37944 | . 36468 | . 35070 | . 33744 | . 32486 | . 31292 | . 30158 | 29081 | . 28057 | 27083 |
| 53. | . 39098 | . 37622 | . 36222 | . 34892 | . 33629 | . 32429 | . 31288 | . 30203 | . 29170 | 28186 |
| 54 | .40269. | . 38794 | . 37393 | .36062 | . 34795 | .33590 | . 32442 | . 31349 | . 30308 | 29316 |
| 55 | $41457{ }^{\circ}$ | . 39985 | . 38585 | . 37252 | . 35983 | . 34774 | .33621 | . 32522 | . 31474 | . 30473 |
| 55 | . 42662 | .41194 | . 39796 | . 38464 | . 37193 | . 35981 | . 34824 | . 33720 | . 32666 | . 31658 |
| 57. | . 43884 | .42422 | . 41028 | . 39697 | 38426 | . 37213 | . 36053 | . 34945 | . 33885 | . 32872 |
| 58 | . 45123 | . 43668 | . 42279 | . 40951 | . 39682 | . 38468 | .37307 | . 36196 | . 35132 | . 34114 |
| 59. | . 46377 | 44931 | . 43547 | . 42222 | . 40958 | . 39745 | -32594 | . 37471 | . 36405 | .35383 |
| 60 ....................... | . 47643 | . 46206 | --. 44830 | . 43513 | . 42250 | . 41040 | . 39880 | . 38767 | . 37699 | . 36674 |
| 61. | . 48916 | 47491 | . 46124 | . 44814 | . 43556 | .42350 | . 41192 | . 40030 | . 39012 | . 37985 |
| 62. | .50196 | 48783 | . 47427 | .46124 | . 44874 | . 43672 | . 42518 | . 41408 | . 40340 | . 39314 |
| 63. | . 54480 | . 50081 | . 48736 | . 47444 | . 46201 | . 45006 | . 43256 | . 42749 | . 41684 | .40658 |
| 64. | . 52770 | . 51386 | . 50054 | . 48773 | . 47540 | . 46352 | . 45208 | . 44105 | . 43043 | . 42019 |
| 65. | . 54069 | . 52701 | . 51384 | . 50115 | . 48892 | . 47713 | . 46577 | . 45480 | . 44422 | . 43401 |
| 66 | . 55378 | . 54029 | . 52727 | . 51472 | . 50262 | . 49093 | . 47965 | . 46876 | . 45824 | . 44808 |
| 67 | . 56697 | . 53368 | . 54084 | . 52845 | . 51648 | . 50491 | . 49373 | . 48293 | . 47248 | . 46238 |
| 68. | . 58026 | . 56717 | . 55453 | . 54231 | . 53049 | . 51905 | . 50800 | . 49729 | 48694 | . 47691 |
| 69 | . 59358 | . 58072 | . 56828 | . 55624 | . 54459 | . 53330 | . 52238 | . 51179 | . 50154 | . 49160 |
| 70. | . 60669 | . 59427 | . 58205 | . 57021 | . 55874 | . 54762 | . 53683 | . 52638 | . 51624 | . 50641 |
| $71 . . . . . . . . . . . . . . . . . . . . . . . ~$ | -62014 | . 60778 | . 59578 | .594415 | . 57287 | . 56193 | . 55131 | -. 54100 | . 53099 | . 52126 |
| 72. | . 63334 | . 62123 | . 60948 | . 59808 | . 58700 | . 57624 | . 56579 | . 55583 | . 54577 | . 53617 |
| 73 | . 64548 | . 63465 | . 62315 | . 61198 | . 60112 | . 59056 | . 58029 | . 57030 | . 56059 | . 55113 |
| 74 | . 65961 | . 54806 | . 63682 | . 62590 | .61527. | . 60492 | . 59485 | . 58504 | . 57550 | . 56620 |
| 75. | . 67274 | . 66149 | . 65054 | . 63967 | . 62945 | . 61936 | . 60950 | . 59990 | . 59053 | . 58140 |
| 75 | . 63589 | . 67495 | . 66429 | . 65390 | . 64377 | . 63390 | . 62427 | . 61487 | . 60570 | . 59676 |
| 77 | . 69903 | . 6884 | . 67800 | . 65796 | .65311 | . 64849 | . 63910 | . 62993 | . 62097 | . 61223 |
| 78. | . 71209 | . 70182 | - 69179 | . 68199 | . 67242 | . 66307 | . 65393 | . 64507 | . 63528 | . 62775 |
| 79. | . 72500 | .71507 | . 70537 | . 69588 | .63660 | . 67754 | . 66867 | . 65939 | . 65151 | .64321 .65849 |
| 80 | .73708 | . 72809 | . 71872 | . 70955 | .70053 | . 69180 | . 68320 | . 67479 | .66655 <br> 68128 | .65849 .67345 |
| 81 | . 75001 | . 74077 | . 73173 | . 72288 | . 71422 | .70573 | . 69741 | . 089826 | .68128 .69552 |  |
| 82. | . 776195 | .75306 76491 | .74435 75654 | .73552 | .72746 | .71926 .73236 | .71123 .72460 | . 70335 | . 709552 | . 70219 |
| 85. | . 79553 | . 78743 | . 77971 | . 77212 | . $73 \div 60$ | . 75733 | . 75014 | . 74306 | . 73511 | . 72928 |
| 86 | .80560 | . 79805 | . 79065 | .76337 | 77621 | . 76917 | . 76225 | . 75544 | . 74875 | . 74216 |
| 87. | .8:535 | . 80813 | . 80103 | . 79404 | . 78717 | . 78041 | . 77375 | . 76720 | . 76076 | . 75442 |
| 88 | Exat | . 81771 | . 81090 | .89420 | . 79750 | . 79111 | . 78472 | . 77842 | . 77223 | . 76612 |
| 89 | .92353 | . 82694 | . 82043 | . 61401 | .89769 | . 80147 | . 79533 | . 78329 | .78334 | . 77747 |
| 90. | . 84225 | . 83593 | . 82971 | . 62357 | . 61753 | . 81457 | . 80570 | .75991 | 75420 | .78857 |
| 91 | $\underline{8550}$ | . 84455 | . 83861 | . 83276 | . 82698 | . 82129 | . 81567 | . 81013 | .80466 | . 79927 |
| 92. | .85233 | . 85263 | . 84696 | . 84137 | . 83585 | . 83040 | . 82503 | -81973 | . 81449 | . 80933 |
| 93 ........................ | .8せ557 | . 86009 | . 85467 | . 84902 | . 84405 | . 838884 | . 83370 | . 82852 | . 82360 | . 81885 |
| 94 | . 87212 | . 66687 | . 86969 | . 65657 | . 85152 | . 84653 | . 84160 | .83673 | . 83192 | . 82717 |
| 95 | .8780: | . 87298 | . 86801 | . 86310 | .85825 | .85345 | . 84872 | . 84404 | . 83941 | . 83484 |
| 96 | 85322 | . 87 | . 873 | . 86883 | 86420 | 85959 | . 85502 | . 85051 | . 84605 | 84165 |

Table S.-Based on life Table 80GNSMT Single Life Remainder Factors-Continued
[Applicable atter Aprit 30, 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4.2\% | 4.4\% | 4.6\% | 4.8\% | 5.0\% | 5.2\% | 5.4\% | 5.6\% | 5.8\% | 6.0\% |
| 97 | . 88795 | . 88328 | .87867 | . 87411 | . 86961 | . 86515 | . 86074 | . 85839 | . 25208 | . 84782 |
| 98 | . 89220 | . 88769 | . 88323 | . 87883 | . 87447 | . 87016 | . 86589 | . 86167 | .85750 | .85337 |
| 99 | . 89612 | . 89176 | . 88745 | . 88318 | . 87895 | . 87478 | . 87064 | . 86656 | . 86251 | .85850 |
| 100 | . 89977 | . 89555 | . 89736 | . 88722 | . 88313 | . 87908 | .87506 | . 87109 | . 86716 | . 863327 |
| 101 | . 90326 | .89917 | . 89511 | . 89110 | . 88712 | . 88318 | . 87929 | . 87543 | . 87161 | . 86783 |
| 102 | . 90690 | . 90294 | . 89901 | .89513 | . 89128 | . 88746 | . 88369 | . 87995 | . 87624 | . 87257 |
| 103 | . 91076 | . 90694 | 20315 | . 89940 | . 89569 | . 89200 | . 88835 | . 88474 | . 88116 | . 87760 |
| 104 | . 91504 | . 91138 | . 90775 | . 90415 | . 90058 | . 89704 | . 89354 | . 85006 | . 88661 | . 88319 |
| 105 ...-................. | . 92027 | . 91681 | . 91337 | . 90996 | . 90658 | . 90322 | . 89989 | . 89659 | . 89331 | . 89006 |
| 106 | . 92763 | . 92445 | . 92130 | . 91816 | . 91506 | . 91197 | . 90890 | . 90586 | . 90284 | . 89983 |
| $107 . .-\ldots . . . . . . . . . . . . . . . .$. | . 93799 | . 93523 | . 93249 | . 92977 | . 92707 | . 92438 | . 92170 | . 91905 | . 91641 | . 91378 |
| 108 .--.........--..... | . 95429 | . 95223 | . 95018 | . 94814 | . 94611 | . 94409 | . 94208 | . 94008 | . 93809 | . 93611 |
| 109 .................... | . 97985 | . 97893 | .97801 | . 97710 | . 97619 | . 97529 | . 97438 | . 97348 | . 97259 | . 97170 |

table S.-Based on ufe table 80CNSMT Single Life Remainoer factors
[Applicable aher April 30, 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | . $6.2 \%$ | 6.4\% | 6.6\% | 6.8\% | 7.0\% | 7.2\% | 7.4\% | 7.6\% | 7.8\% | 8.0\% |
| 0 | . 03535 | . 03349 | . 03183 | . 03035 | . 02902 | . 02763 | . 02676 | . 02579 | . 02492 | . 02413 |
| $1 . .$. | . 02486 | $\therefore .02292$ | . 02119 | . 01963 | . 01824 | . 01699 | . 01587 | . 01486 | . 01395 | . 01312 |
| 2 ....................... | . 02547 | . 02345 | . 216164 | . 02002 | . 01857 | . 01727 | . 01609 | . 07504 | . 01400 | . 01321 |
| 3 .........---......... | . 02640 | . 02429 | 02241. | . 02073 | . 01921 | . 01785 | . 01662 | . 01552 | . 01451 | . 01361 |
| $\cdots$ | . 02753 | . 02535 | . 02339 | . 02163 | . 022005 | . 01863 | . 01735 | . 01619 | . 01514 | . 01418 |
| 5 | . 02883 | .02656 | . 02453 | . 02263 | . 02105 | . 01956 | . 01822 | . 01700 | . 0151590 | . 01490 |
| 6 .-..............-....... | . 03026 | :02790 | . 02578 | . 02387 | . 02215 | .02060 | . 01919 | . 01792 | . 01677 | . 01572 |
| 7 | . 03180 | . 02935 | . 02714 | . 02515 | . 02336 | . 02174 | . 02027 | . 01894 | . 01773 | . 01684 |
| B .........-............ | .03347 | . 03092 | . 02863 | . 02656 | . 02469 | .02300 | . 02146 | . 02007 | . 01831 | . 01766 |
|  | . 03528 | .03263 | .03025 | . 02810 | . 02615 | . 02438 | - 02278 | . 02133 | . 02000 | . 01880 |
| 10 | . 03723 | . 03449 | . 03201 | . 02977 | . 02774 | . 02590 | . 02423 | .02271 | . 02133 | .02006 |
| 11 | . 03935 | . 03650 | . 03393 | . 03160 | . 02949 | . 02757 | . 02583 | . 02424 | . 02279 | . 02147 |
| 12 | . 04160 | . 03865 | . 03598 | . 03356 | . 03136 | . 02936 | . 02755 | . 02589 | . 02438 | . 02299 |
| . 13 | . 04394 | . 04088 | 03811 | . 03560 | . 03331 | . 03123 | . 02934 | . 02761 | . 02603 | .02458 |
| 14 | . 04629 | . 04312 | . 04025 | . 03764 | . 03527 | . 03311 | . 03113 | . 02933 | . 02768 | . 02617 |
| 15 | . 04864 | . 045336 | . 04238 | . 03968 | . 03721 | . 03496 | . 03290 | . 03103 | . 02930 | . 02773 |
| 16 | . 05099 | . 04759 | . 04451 | . 04170 | . 03913 | . 03679 | . 03466 | . 03270 | . 03090 | . 02926 |
| 17 | . 05333 | . 04982 | . 04662 | . 04370 | . 04104 | . 03861 | . 03638 | . 03434 | . 03247 | . 03075 |
| 18 | . 055570 | . 05207 | . 04875 | . 04573 | . 04296 | . 04044 | . 03512 | . 03599 | .03404 | . 03225 |
|  | . 05814 | .05438 | . 05095 | . 04781 | . 04494 | . 04231 | . 03990 | . 03769 | . 03565 | . 03378 |
| 20 | . 06065 | . 05677 | . 05321 | . 04996 | . 04698 | . 04424 | . 04173 | . 03943 | . 03731 | . 03535 |
| 21 | . 063325 | .05922 | . 05554 | . 05217 | . 04907 | . 04623 | . 04382 | . 04122 | . 03901 | . 03697 |
| 22 | .06594 | . 05178 | . 05797 | . 05447 | . 05126 | . 04831 | . 04559 | . 04309 | . 04078 | . 03655 |
| 23 | . 00876 | . 06446 | .06051 | . 05688 | -05355 | . 05048 | . 04766 | . 04505 | . 04265 | . 04042 |
| 24 | .07174 | . 06729 | . 06321 | . 05945 | .05509 | . 05281 | . 049397 | . 04715 | . 04465 | .04233 |
| 25 | . 07491 | . 07031 | . 06609 | . 06219 | . 05861 | . 05530 | . 052224 | . 04941 | . 04680 | .0443a |
| 26 | . 07830 | . 07355 | . 06918 | . 08515 | . 06142 | . 05799 | . 05481 | . 05787 | . 04915 | . 04662 |
| 27 | . 08192 | . 07702 | . 67250 | . 06832 | . 06446 | 06090 | . 05759 | . 05454 | . 05170 | .04905 |
| 28 | . 08577 | . 08071 | .07603 | . 07171 | . 06772 | .05452 | . 05059 | . 05740 | . 05445 | . 05170 |
| 29 | .03935 | .031E4 | . 07981 | . 07534 | .07120 | . 06735 | .06380 | . 065049 | . 05742 | . 05456 |
| 30. | .03420 | . 08882 | . 08383 | . 07921 | .c742 | . 07005 | . 05725 | .0536 | . 05061 | . 05763 |
| 31 | .03651 | . 09327 | . 08312 | . 08335 | . 07891 | . 07479 | .07095 | .06738 | .06405 | . 05095 |
| 32. | . 10339 | 09797 | .09267 | . 03774 | . 02315 | . 07883 | .07491 | .07120 | . 03774 | .0c451 |
| 53 | .1085 | . 10297 | . 99750 | .09241 | . 03767 | . 09325 | . 07913 | . 07523 | . 67170 | .03834 |
| 34 | . 11433 | . 10824 | . 10251 | . 03730 | . 02246 | . 03700 | .06203 | . 07909 | . 07592 | .07243 |
| 35 | .12002 | . 11389 | . 10500 | . 10259 | .09754 | .03282 | .0854 1 | .03428 | .00341 | .07075 |
| 36 | . 12602 | . 11953 | . 11256 | . 10809 | . 10208 | Cxsen | . 03944 | . 6917 | . 08516 | . C 140 |
| 37 | . 13230 | . 12574 | . 11961 | . 11367 | .10ㅇ50 | . 10347 | . 09876 | 03433 | . 02319 | .0858 |
| 38 | . 13037 | . 13214 | . 12534 | . 11994 | . 11441 | .10222 | . 10436 | .03978 | . 03549 | . 09145 |
| 39. | . 14573 | . 13883 | . 13237 | .12630 | . 12051 | . 11527 | .14025 | . 10553 | . 10109 | .09683 |
| 40. | . 15290 | . 14583 | . 13920 | . 13237 | . 12712 | . 12162 | . 11644 | . 11157 | . 10593 | . 10256 |
| 41 | .1605 | . 15312 | .14633 | . 13334 | .18. 3 | . 12827 | . 12234 | . 11792 | . 11318 | . 10871 |
| 42. | . 15810 | . 20071 | . 15375 | . 14720 | . 14103 | . 13522 | . 12373 | . 12456 | .11567 | .15005 |
| 43 | . 17614 | . 16258 | .16146 | . 15475 | . 14842 | . 14245 | . 12582 | . 13149 | . 22645 | . 12169 |
| 44 | . 18447 | . 17675 | . 16848 | .1E261 | . 15613 | . 15000 | . 14421 | : 3873 | . 13355 | .125E4 |
| 45 | . 19310 | . 13524 | . 17780 | . 17079 | .16914 | .15787 | . 15192 | .148\%0 | . 14096 | .13529 |
| 46 | 20 | . 19402 | . 18644 | 17 | 172 | 1660 | 15985 | 15418 | .12870 | 14350 |

Table S.-based on lafe Table bocnsmt Single life Remainder Factoas-Conlinued
[Applicable ather April 30, 1989]

| Age | interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6.2\% | 6.4\% | 6.6\% | 6.8\% | 7.0\% | 7.2\% | 7.4\% | 7.6\% | 7.8\% | 8.0\% |
| 47 | 21128 | . 20311 | . 19538 | .18836 | . 18112 | .17454 | . 16830 | 16238 | 15576 | . 15141 |
| 48 | 22020 | 21249 | 20462 | . 19716 | . 19007 | . 18335 | 17635 | 17090 | . 16513 | 15964 |
| 43 | 23059 | . 22214 | . 21413 | 20553 | . 19930 | . 19244 | . 19591 | 17970 | 17379 | 65816 |
| 50 | . 24063 | 23205 | 22351 | . 21617 | 20831 | . 20160 | 19514 | -18579 | 18274 | 17637 |
| 51 | 25095 | -24225 | 23024 | 226:0 | 21851 | . 21147 | 20*56 | 1205 | .19109 | 12009 |
| 52 | .26157 | . 25275 | 24435 | .23636 | 22874 | 2215 | 274.53 | 20rat | 20159 | 1255 |
| 53 | 27249 | 26357 | 25505 | 24694 | 23919 | 23130 | 2987 | 21706 | $21: 54$ | 20537 |
| 54 | 28359 | 27453 | 26504 | 25782 | . 24995 | 24244 | 23526 | . 22839 | 22181 | 1552 |
| 55 | . 29518 | .25005 | . 27734 | 20900 | 26103 | . 25341 | 2451 | . 23912 | 22243 | 22501 |
| 55 | . 30695 | 29774 | -2893 | 23050 | 27242 | 26769 | 25720 | 25819 | .24\%39 | 23555 |
| 57. | .31902 | 30973 | . 30584 | . 29232 | . 28415 | 27632 | 26351 | 25151 | . 25469 | 24805 |
| 58 | . 33138 | . 32203 | . 31306 | . 30445 | 25021 | 28629 | 20069 | 27039 | .25937 | . 75502 |
| 59 | . 34.402 | . 35461 | . 32550 | .31691 | . 30359 | . 30059 | 22290 | 28550 | . 27339 | 2ris5 |
| 60 | . 35690 | . 34745 | . 33835 | . 32953 | . 32124 | . 31317 | 33540 | 29792 | 29073 | 22379 |
| 61 | . 30999 | . 35050 | . 35137 | . 34259 | .33414 | 32001 | 31817 | . 31052 | . 30314 | 23633 |
| E2 | . 38325 | . 37374 | . 36459 | . 35576 | . 34726 | . 33907 | 33317 | 12:55 | . 31621 | . 30912 |
| 63 | . 39659 | . 33117 | . 37799 | . 36913 | . 36060 | .3523s | 34421 | . 33674 | . 32933 | 32217 |
| 34 | . 41031 | .40078 | . 39759 | . 38272 | . 37415 | . 36588 | 35793 | 35016 | . 34270 | 33548 |
| 65 | . 42416 | . 41464 | . 40545 | . 39655 | . 98798 | . 37968 | 37156 | 36390 | .355\%9 | 34912 |
| 695 | . 43825 | . 42876 | . 41958 | . 41070 | 40211 | . 39380 | 32576 | . 37797 | . 37043 | . 35312 |
| 67 | . 45260 | 44325 | . 43339 | . 42513 | . 41655 | . 40824 | 40019 | 33239 | . 35482 | . 37749 |
| 68 | . 46720 | .45779 | . 44363 | . 43985 | . 43129 | 42299 | . 41494 | .40713 | . 39956 | . 33221 |
| 69 | . 48197 | . 47263 | . 48357 | . 45478 | . 44625 | . 43798 | -42995 | 42315 | 41458 | . 40727 |
| 70. | . 49686 | .48760 | . 47861 | .46988 | 46140 | . 45316 | -. 44516 | .43738 | .42983 | . 42248 |
| 7 | . 51182 | . 50265 | . 49374 | 48508 | .47665 | 46347 | . 46051 | -45276 | 44523 | 43790 |
| 72 | . 52635 | . 51778 | . 50096 | . 50038 | . 49203 | 48390 | . 47599 | . 46829 | 45079 | 45349 |
| 73 | . 54194 | . 53293 | . 52426 | . 51578 | . 50751 | . 49946 | -49161 | 48397 | . 470352 | $\triangle 5326$ |
| 74 | . 55714 | . 54832 | . 53972 | . 53134 | . 52317 | .51520 | . 50744 | 49986 | . 49247 | 48527 |
| 75 | . 57250 | $\therefore 56382$ | . 55536 | 54710 | . 53904 | . 53118 | . 52751 | . 51601 | . 50870 | . 50156 |
| 76 | . 58803 | . 57951 | . 57120 | .56308 | . 55515 | . 54740 | 53934 | . 57245 | . 52522 | . $5181 \%$ |
| 77 .-.................... | . 60369 | 59535 | . 58720 | . 57923 | . 57144 | . 56383 | 556.35 | . 54912 | . 54200 | $5 \times 504$ |
| 78 | . 61942 | . 61126 | . 60329 | . 59549 | 59727 | . 58040 | . 57310 | . 56596 | . 55896 | 55212 |
| 89 | . 63508 | . 62713 | . 61935 | . 61174 | . 60428 | . 5 S598 | 53993 | .58283 | . 57597 | . 59925 |
| co | . 85059 | . 64295 | : .63527 | $\bigcirc 62785$ | . 62058 | . 61345 | 60646 | -59931 | . 59290 | . 53532 |
| 91 | . 66579 | . 65827 | . 55090 | . 64358 | . 63659 | . 62365 | 52233 | - 61615 | $60 \div 59$ | E0316 |
| 82 | . 68061 | . 67332 | . 56616 | .65914 | . 65226 | .64550 | 63986 | 63235 | 62595 | 61958 |
| 93 | . 69499 | . 68793 | . 68093 | . 57418 | . 66749 | -68032 | -65447 | E4893 | $6<191$ | 63579 |
| 84 | . 70895 | .70213 | . 69541 | .68881 | .62237 | . 57595 | . 65953 | 66353 | E5748 | 65153 |
| 95 | . 72256 | . 71596 | 70947 | . 70308 | . 69681 | -69063 | 68456 | 67859 | . 67271 | 56693 |
| 85 | . 73559 | . 72931 | . 72305 | .71653 | .71031 | 70484 | 6983: | 99318 | 66748 | 69139 |
| 57 | . 74818 | . 34204 | $\therefore .73599$ | 73003 | . 72417 | . 71887 | 71271 | -7071 | \% 0159 | 69316 |
| 38 | .76011 | . 75419 | . 74305 | . 74261 | . 73695 | . 73137 | 72538 | .72046 | .71512 | . 70205 |
| 89 | .71169 | . 76559 | . 76037 | . 75484 | . 74938 | . 74400 | . 73870 | .73347 | 22931 | 72323 |
| 90 | $7 ¢ 332$ | .77755 | . 77215 | 76683 | . 76158 | . 75640 | 75129 | 74525 | 24:23 | 73639 |
| 91 | .79095 | . 78870 | . 78352 | . 77842 | . 77337 | .78840 | 78349 | 75364 | 7205 | 24317 |
| 32 | . 60423 | . 79920 | .79423 | .7a933 | . 78449 | . 775 F ¢ | 7749 | 77023 | 76572 | 76915 |
| ¢3 | . 81377 | 80894 | . 80417 | .72045 | .79481 | -5922 | '955\% | 78.20 | 77577 | r23a |
| 74 | . 82247 | 81794 | . 81325 | .23373 | 80425 | 72733 | 5654 | 79115 | T¢58 | 72355 |
| 35 | . 83033 | 82565 | 82145 | . 61709 | 81278 | .89352 | 39431 | 90014 | 79002 | -125 |
| 35 | . 83729 | . 83298 | 92572 | . 82451 | .22034 | 51622 | $5+215$ | 80812 | 89514 | 30019 |
| 97 | . 84361 | .83944 | .93532 | . 83124 | S2721 | .82323 | 51221 | 81537 | 2:15t | -3769 |
| 33 | 84932 | 34525 | 64123 | . 83730 | . 2339 | .89e52 | 22539 | del90 | . $3: 815$ | 51943 |
| 3 | 25454 | ¢5032 | . 94674 | . 84295 | . 93910 | 2353: | 83161 | 82792 | 82427 | 32005 |
| :38. | 85942 | 85551 | . 85154 | 84810 | . 34440 | . 34074 | 9371t | . 93352 | .8292: | E254 |
| 101 | . 80.103 | 56937 | . 55570 | 85305 | -84595 | . 24589 | 34235 | fix 29 | 28539 | 43156 |
| 102 | .80694 | 80534 | .85177 | . 55823 | .85473 | -85123 |  | .54442 | 84.04 | $\pm 3770$ |
| 103 | . 57.40 e | . 87000 | 80714 | . 86371 | . 36032 | . 35635 | 告362 | R503 | E-5:03 | 8.33 .4 |
| 104 | . 87980 | 87544 | . 87311 | .89980 | . 85653 | .86328 | 96005 | 35685 | 65359 | $\pm 3054$ |
| 105 | .e9864 | . 83363 | .88946 | . 97731 | 87418 | 87108 | 8 m 300 | 37494 | 35191 | a5830 |
| 106 | e9685 | . 89389 | . 89095 | . 85804 | . 83514 | 85226 | 97940 | 37559 | 97374 | 97097 |
| 107 | . 91117 | .90853 | -00500 | . 0334 | .90089 | 99836 | 89584 | 69334 | 29385 | 8368 |
| 109 | . 93414 | 93217 | 93022 | . 92828 | .92634 | . 92442 | 72250 | 92060 | . 21270 | 31601 |
| 109 | . 97081 | . 96952 | 95904 | . 96816 | . 95729 | .96042 | 96555 | 96462 | 96382 | 96396 |

Table S.-Based on life Table 80CNSMT Single life Remainder factors
[Applicable ater April 30, 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8.2\% | 8.4\% | 8.6\% | 8.8\% | 9.0\% | 9.2\% | 9.4\% | 9.6\% | 9.8\% | 10.0\% |
| 0 ............... | . 02341 | . 02276 | . 02217 | . 02163 | . 02114 | . 02069 | . 02027 | . 01989 | . 01954 | . 01922 |
| 1. | . 01237 | . 01170 | . 01108 | . 01052 | . 01000 | . 00953 | . 00910 | . 00871 | . 000334 | 00801 |
|  | . 01243 | . 01172 | . 01107 | . 01048 | . 00994 | . 00944 | . 00899 | . 00857 | . 00819 | -00784 |
| 3 ........................ | . 01278 | . 01203 | . 01135 | . 01073 | . 01016 | . 00964 | . 00916 | . 00872 | .00832 | 00795 |
|  | . 01332 | . 01253 | . 01182 | . 01716 | . 01056 | . 01001 | 00951 | . 00904 | . 00862 | . 00822 |
|  | . 01400 | . 01317 | . 01241 | . 01172 | . 01109 | .04051 | . 00998 | . 00949 | . 00904 | . 00662 |
|  | . 01477 | . 01390 | . 01310 | . 01238 | . 01171 | . 01110 | . 09054 | . 01002 | . 00954 | . 00910 |
|  | . 01563 | . 01472 | . 01389 | . 01312 | . 01242 | . 01178 | . 01118 | . 01064 | . 01013 | .00966 |
| 8 | . 01660 | .01564 | . 01477 | . 01396 | . 01322 | . 01254 | . 01192 | . 01134 | . 01081 | . 01031 |
|  | . 01770 | . 01669 | . 01577 | - . 01492 | . 01414 | - .01342 | :01276 | . 01216 | . 01159 | 01107 |
|  | . 01891 | . 07785 | . 01688 | . 01599 | . 01517 | . 01442 | . 01372 | . 01308 | . 01249 | . 01194 |
| 11 | . 02026 | . 01915 | . 01814 | . 01720 | . 01634 | . 01555 | . 01481 | . 01414 | . 01351 | . 01293 |
| 12 | . 02173 | . 02056 | . 01950 | . 01852 | . 01761 | . 01678 | :01601 | . 01529 | . 01463 | . 01402 |
| 13 | . 02326 | . 02204 | . 02092 | :01989 | . 01895 | . 01807 | . 01726 | :01651. | . 01582 | . 01517 |
|  | . 02478 | . 02351 | . 02234 | . 02126 | . 02027 | . 01835 | - . 01850 | . 01771 | . 01698 | . 01630 |
| 15 | . 02628 | . 02495 | . 02372 | . 02259 | . 02155 | . 02058 | . 01969 | . 01886 | . 01810 | . 01738 |
| 16 | . 02774 | . 02635 | . 02507 | . 02388 | . 02279 | . 02178 | . 02084 | . 01997 | . 01917 | . 01842 |
| 17 | . 02917 | . 02772 | . 02637 | . 02513 | . 02399 | . 02293 | . 02194 | . 02103 | . 02018 | . 01940 |
| 18 | . 03059 | . 02907 | . 02767 | . 02637 | . 02517 | . 02406 | . 02362 | . 02207 | . 02118 | . 02035 |
|  | . 03205 | . 03046 | . 02899 | . 02763 | . 02637 | . 02521 | . 02412 | . 02312 | . 02218 | . 02131 |
| 20 | . 03355 | . 03188 | . 03035 | . 02892 | . 02760 | . 02638 | . 02524 | . 02419 | .02320 | . 02229 |
|  | . 03509 | . 03334 | . 03173 | . 03024 | . 02885 | . 02758 | . 02638 | . 02527 | . 02424 | . 02328 |
| 22 | . 03669 | . 03487 | . 03318 | . 03162 | -. 03017 | . 02882 | - . 02757 | -. 02640 | . 02532 | . 02430 |
| 23 | . 03837 | . 03646 | . 03470 | . 03306 | . 03154 | . 03013 | $\because .02881$ | . 02759 | . 02644 | . 02538 |
| 24. | . 04018 | . 03819 | . 03634 | . 03463 | . 03303 | . 03155 | . 03016 | . 02888 | . 02767 | . 026755 |
| 25. | . 04214 | . 04006 | . 03812 | . 03633 | . 03465 | . 03309 | . 03164 | . 03029 | . 02992 | . 02788 |
| 26 | . 04428 | . 04210 | . 04008 | . 03820 | .03644 | . 03481 | . 03328 | . 03186 | . 03052 | . 02928 |
| 27 | . 04662 | . 04434 | . 04223 | . 04025 | . 03841 | . 03670 | . 03509 | :03360 | . 03219 | . 03088 |
| 28 | . 04915 | . 04677 | . 04456 | . 04249 | . 04056 | . 03876 | , 03708 | . 03550 | . 03403 | 03264 |
| 29. | . 05189 | . 04941 | . 04709 | . 04493 | . 04291 | . 04102 | . 03925 | . 03760 | . 03504 | . 03458 |
| 30. | 05485 | . 05226 | . 04984 | . 04757 | . 04545 | . 04348 | . 04162 | . 03988 | . 03825 | . 03671 |
| 31. | . 05805 | . 05535 | . 05282 | . 05045 | . 04824 | . 04616 | . 04421 | . 04238 | . 04067 | . 03905 |
| 32 | . 06149 | . 058667 | . 05603 | . 05356 | . 05124 | . 04506 | . 04702 | . 04510 | . 04329 | . 04160 |
| 33 | . 06520 | . 06226 | . 05950 | . 05692 | . 05449 | . 05221 | . 05007 | . 04806 | . 04615 | . 04438 |
| 34 | . 06916 | . 06609 | . 06322 | . 06052 | . 05799 | . 05560 | . 053336 | . 05125 | . 04926 | . 04738 |
| 35. | . 07339 | . 07020 | . 06720 | . 06439 | . 06174 | . 05925 | . 05690 | . 05469 | . 05260 | . 05063 |
| 36. | . 07787 | . 07455 | . 07143 | . 06850 | . 06573 | . 06313 | . 06068 | .05836 | . 05617 | . 05411 |
| 37. | . 08262 | . 07917 | . 07593 | . 07287 | . 06999 | . 06727 | . 06470 | . 06228 | . 05999 | . 05783 |
| 38 | . 08765 | . 08407 | . 08069 | . 07751 | . 07451 | . 07167 | . 06899 | $\therefore .06646$ | .06407 | . 065180 |
| 39. | . 09296 | . 08925 | . 08574 | . 08243 | . 07931 | . 07635 | . 07356 | . 077092 | . 06834 | . 066004 |
| 40. | . 09888 | . 09472 | . 09109 | . 08765 | . 08440 | . 01732 | . 07881 | . 07565 | . 07303 | . 07055 |
| 41 | . 10449 | . 10050 | . 09673 | . 09316 | . 08978 | . 08658 | . 08355 | :08067 | : . 07794 | . 07535 |
| 42 | . 11069 | . 10656 | . 10265 | . 09895 | . 09544 | . 03212 | . 08896 | . 08596 | . 08312 | . 08041 |
| 43. | . 11718 | . 11291 | . 10887 | . 10503 | . 10140 | . 09794 | . 09466 | . 09154 | . 08858 | . 08576 |
| 44. | . 12399 | . 11958 | .11540 | . 11143 | . 10766 | . 10407 | . 10067 | . 09743 | . 09434 | . 09141 |
| 45 | . 13111 | . 12656 | . 12224 | . 11814 | . 11423 | . 11052 | . 10699 | . 10362 | . 10042 | . 09736 |
| 46. | . 13856 | . 13387 | . 12941 | . 12516 | . 12113 | . 17728 | . 11362 | . 11013 | . 10680 | . 10363 |
| 47. | . 14633 | . 14750 | . 13690 | . 13252 | . 12835 | . 12438 | . 12059 | . 11697 | . 11352 | . 11022 |
| 48. | . 15442 | . 14945 | . 14471 | . 14020 | . 13589 | . 13179 | . 12787 | . 12412 | . 12055 | . 11713 |
| 49. | . 16280 | . 15769 | . 15281 | . 14816 | . 14373 | . 13949 | . 13544 | . 13157 | . 12767 | . 22433 |
| 50 | . 17147 | . 16622 | . 16121 | . 15643 | . 15186 | . 34749 | . 14331 | . 13931 | . 13548 | . 13182 |
| 51 | . 18045 | . 17507 | . 16993 | . 16501 | . 16030 | . 15580 | . 15150 | . 14737 | . 14342 | . 13863 |
| 52 | . 18979 | . 84427 | . 17899 | . 17394 | . 16911 | . 16448 | 16004 | . 15579 | . 15172 | . 14780 |
| 53 | . 19947 | . 19383 | . 18842 | . 18324 | . 17828 | . 17352 | - 16896 | . 16458 | . 16038 | . 15635 |
| 54 | . 20950 | . 20372 | . 19819 | . 19288 | . 18779 | . 18291 | . 17822 | . 17372 | . 16940 | . 16524 |
| 55 | 21986 | . 21397 | . 20831 | . 20288 | . 19767 | . 19266 | . 18785 | . 18322 | . 17878 | . 17450 |
| 56 | 23058 | . 22457 | . 21879 | -21324 | . 20791 | . 20278 | . 19785 | . 19310 | . 18854 | . 18414 |
| 57 | 24167 | 23554 | . 22965 | . 22399 | . 21854 | . 21329 | . 20824 | . 20338 | . 19570 | . 19419 |
| 58. | 25314 | 24690 | . 24090 | . 23512 | . 22956 | . 22420 | . 21904 | :21407 | 20927 | . 20464 |
| 59. | .26497 | . 25863 | . 25252 | . 24664 | -24097 | . 23550 | . 23023 | . 22515 | . 22024 | . 21551 |
| 60. | . 27712 | 27068 | . 26448 | . 25849 | . 25272 | . 24716 | . 24178 | .23659 | . 23158 | . 22674 |
| 61. | 28956 | 28304 | . 27674 | 27067 | . 26480 | . 25913 | . 25366 | . 24837 | . 243235 | . 23831 |
| $62^{\circ}$ | . 30228 | . 29567 | . 28929 | . 28372 | . 27717 | -27141 | . 26584 | . 26045 | . 25524 | . 25020 |
| 63. | . 31525 | . 30857 | . 30211 | , 29586 | . 28982 | . 28397 | . 27832 | 27284 | . 26754 | . 26240 |
| 64. | . 32851 | . 32176 | . 31522 | . 30890 | . 30278 | . 29685 | . 29111 | . 28555 | 28016 | .27493 <br> 28787 |
| 65 | . 34209 | . 33528 | .32868 | . 32229 | . 31610 | . 31010 | . 30429 | . 29865 | . 29317 | . 28787 |
| 66 | . 35604 | . 34978 | .34253 | . 33609 | . 32983 | . 32377 | 31788 | . 31217 |  | .30124 .31509 |
| 67 | . 37037 | . 36347 | . 35678 | . 35028 | . 34398 | . 33786 | .33191 | .32614 34055 | . 32053 | . $31593{ }^{7}$ |
| 68 | 38508 | 3787 | . 3714 | . 3648 | 35854 | . 35237 | . 34638 | 34055 | . 33488 | -32937 |

Table S--Based on Life Table 80CNSMT Single Life Remaindeff Factors-Continued
[Applicable attor April 30. 1989]

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 8.2\% | 8.4\% | 8.6\% | 8.8\% | 9.0\%\% | 9.2\% | 9.4\% | 9.6\% | 9.8\% | 10.0\% |
| 69'............ | . 40008 | . 39313 | . 38638 | . 37982 | . 37344 | . 36724 | . 36120 | . 35533 | . 34961 | . 34405 |
| 70. | . 41533 | .40838 | . 40162 | . 30504 | . 38864 | . 38241 | . 37634 | . 27043 | . 38468 | . 35907 |
| 71: ....................... | . 43076 | . 42382 | . 41705 | . 41047 | .40405 | . 39780 | . 39171 | . 38578 | . 38000 | . 37436 |
| 72 ...................... | . 44638 | .43945 | . 43269 | . 42611 | .41969 | . 41344 | . 40733 | . 40138 | . 39558 | . 38997 |
| 73 | . 46218 | . 45527 | . 44854 | . 44197 | . 43556 | . 42931 | . 42321 | . 41725 | . 47743 | . 40575 |
| 74 | . 47823 | . 47.137 | . 46466 | . 45312 | .45173 | . 44549 | . 43940 | . 43345 | . 42763 | . 42195 |
|  | . 49459 | . 48777 | . 48112 | . 47462 | . 46826 | . 46205 | . 45598 | . 45004 | . 44424 | . 43856 |
| 76 | .51127 | . 50452 | . 49798 | . 49148 | .48517 | . 47900 | . 47297 | .46706 | . 46129 | . 45563 |
| 77. | . 52823 | . 52157 | . 51505 | . 50867 | . 50243 | . 49632 | . 49033 | . 48447 | . 47873 | . 47311 |
| 78. | . 54541 | . 53885 | . 53242 | . 52613 | . 51996 | . 51392 | . 50800 | . 50220 | . 49652 | . 49094 |
| 79: ....................... | . 56267 | . 55621 | . 54989 | . 54369 | . 53762 | . 53166 | . 52582 | . 52009 | . 51448 | . 50897 |
| 80. | . 57987 | . 57354 | . 56733 | . 56125 | . 55527 | . 54941 | . 54336 | . 53889 | . 53248 | . 52705 |
| 81 | . 59685 | . 59065 | . 58457 | . 57860 | . 57274 | . 56699 | . 56134 | . 53579 | . 55035 | . 54499 |
| 82 ...................... | . 61354 | . 607.46 | . 60451 | . 59567 | . 58993 | . 58429 | . 57875 | . 57331 | . 56798 | . 56270 |
| 83 | . 62978 | . 62387 | . 61806 | . 61236 | . 60675 | . 60123 | . 59581 | . 59047 | . 58523 | . 58007 |
| 84. | . 64567. | . 63992 | . 63426 | . 62869 | . 62323 | . 61783 | . 61253 | . 60731 | . 60218 | . 59713 |
| 85. ....................... | . 06125 | . 65565 | . 65014 | . 64472 | . 63938 | . 63413 | . 62896 | . 62387 | . 61886 | . 61392 |
| $86 \cdot$ | .67636 | .67092 | . 66557 | . 66030 | . 65611 | . 65050 | . 64496 | . 64000 | . 63511 | . 63030 |
| 87. ...................... | . 69083. | . 68554 | . 68034 | . 67522 | . 67018 | . 66520 | . 66031 | . 65548 | . 65077 | . 64602 |
| 88. ..................... | . 70468 | . 69957 | . 69453 | . 68956 | . 68466 | . 67988 | . 67507 | -67037 | . 66574 | . 66117 |
| 89. ....................... | .71821 | .71326 | . 70838 | . 70357. | . 69882 | . 69414 | . 68952 | . 68495 | . 68045 | .6760t |
| $90_{i}$ | .73153 | . 72676 | . 72204 | .71739 | . 71280 | . 70827 | . 70379 | . 69938 | . 69502 | . 6907 t |
| 9ti. ....................... | . 74447. | . 73986 | . 73532 | . 73083 | . 72640 | . 72202 | . 71770 | . 71343 | .7092t | . 70504 |
| 92. ....................... | . 75669 | . 752225 | . 74787 | . 74354 | . 73927 | . 73504 | . 73087 | 72674 | . 72267 | . 71864 |
| 93. .----............... | .76807. | . 76379 | . 75957 | . 75540 | . 75127 | . 74719 | . 74317 | . 73918 | . 73524 | . 713135 |
| 94: .-.-............... | . 77849 | .77437 | . 77030 | $\bigcirc 76627$ | . 76229 | . 75835 | . 75446 | . 75069 | .74680 | .74303 |
| 95. | .78782 | . 78394 | .78007. | .77617- | .77226 | .76845 | . 764688 | . 76096 | . 75727 | . 75362 |
| 95 | . 79630 | .79244 | . 78883 | . 784845 | .78112 | . 77742 | . 77377 | .77015 | -76657 | . 776303 |
| 97 : | . 80391 | . 80016 | . 79646 | . 792880 | .78917 | .78559 | .78203 | .77852 | . 778504 | .77160 |
| 98: ...................... | . 81076 | .807.12 | . 80352 | . 79996 | . 796843 | . 79294 | . 789488 | . 78606 | . 78267 | . 77931 |
|  | . 81709 | . 81354 | . 81004 | . 80657 | . 80813 | . 79972 | . 79635 | . 793902 | .78979 | . 786344 |
| 100i.................-- | . 82296 | . 81950 | . 81809 | . 81270 | . 80934 | . 80802 | . 80273 | . 79947 | . 79624 | .79304 |
| 1015 ..................... | . 82855 | . 82518 | . 82185 | . 81854 | . 81526 | . 81201 | .80880 | . 80565 | . 80245 | ${ }^{.799325}$ |
| 102 .................... | . 83438 | . 83370 | . 82785 | . 82462 | .82142 | . 81826 | . 81512 | . 81200 | . 80892 | .80586: |
| 103, ...................... | . 84056 | .83737. | . 83420 | . 83106 | .82795 | . 82487 | . 82181 | : 61878 | . 81577 | .8T279 |
| 104...................- | .84743 | .84433 | . 84127. | . 83822 | . 83521 | . 83221 | . 82924 | .82630 | .82338 | . 82048 |
| 105. .................... | . 85599 | . 85295 | . 85001 - | . 84709 | . 84419 | . 84732 | . 83846 | .83563 | . 83282 | .83003: |
| 106. ...............-.... | . 86896. | . 86540 | . 86268 | . 85993 | . 87723 | . 857354 | ${ }_{87147} .85187$ | -86922 | . 846659 | .87397 |
| 107. ...............- | . 8851493 | .88348 .91306 | . 888105 | .87863 .90934 | .87623 .90749 | . 873884 | .87147 .90383 | .86917 | .86676 .90020 | .86443: |
| 109 :.......................... | .9621\% | . 95125 | . 96044. | . 95956 | . 95872 | . 95788 | . 95704 | . 95620 | . 95537 | . 95455 |

Table S.-Based on Lfee Table 80CNSMT: Single Life Remainder Factors
[Applicable atter April 30; 1989]

| Age | Interest rate. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10.2\%. | 10.4\% | 10.6\% | 10.8\%' | 11.0\% | 11.2\% | 12.4\% | 11.6\% | 11.8\% | 12:0\% |
| 0 : | . 01894 | . $0: 364$. | . 01838. | . 01814 | . 04791 | . 01770 | . 01750 | . 04732 | . 01715 | . 01698 |
| 1. | . 00770 | . 00741 | . 00715. | . 00690 | . 006667 | . 00646 | . 00626 | . 00608 | . 00590 | .00574 |
| 2 '. | .0075t | . 00721 | . 00693 | . 00667 | . 00643 | . 00620 | . 00600 | . 00580 | . 00562 | . 00544 |
| 3: ................................ | . 00760. | . 00728. | . 00699 | . 00671 | . 00646 | . 00622 | . 00600 | . 00579 | . 00560 | .0054 ${ }^{6}$ |
| 4. ... | . 00788. | . 00752 | . 00721 | . 00692 | . 00665 | . 00639 | .00616 | . 00594 | . 00573 | . 00554 |
| 5. | . 00882 | . 00788. | . 00755 | . 00724. | . 00685 | . 00668 | . 00643 | . 00620 | . 00598 | . 00578 |
| 6. ......................... | . 00869 | . 00832 | . 00796. | .00764 | . 00733. | . 00705 | . 00678 | . 00654 | . 00630 | . 00608 |
| 7 ........................ | . 00923 | .00883. | .00846. | . 00811 | . 00779 | . 00749. | . 00720 | . 00694 | .00669 | . 00646 |
| 8: ........................ | . 00988 | . 00943 | . 009094 | . 00867. | . 00833 | . 00801 | . 00777 | . 00743 | . 00716 | . 00692 |
| $9 . . . . . . . . . . . . . . . . . . . . . . .$. | . 01059 | . 01014 | . 00972 | . 00933 | . 00897 | . 00863 | . 00831 | . 00801 | . 00773 | .00747 |
| $10 . .$. | . 01142 | . 01095 | . 01057 | . 01009 | . $00997 \%$ | . 00935 | . 00901 | . 00869 | .00840 | . 00812 |
| 11. | . 01239 | . 01189 | . 01142 | . 01098 | . 01057 | . 01019 | . 096983 | . 0109850 | .00918 | . 000889 |
| 12 ............... | . 01345 | . 01292 | . 01243 | . 01197 | . 01154 | . 01113 | . 01075 | .01040 .07135 | . 01000 | . 009775 |
| 13 ................. | . 01457 | . 01401 | . 01349 | . 01300. | . 01255 | . 01212 | . 01172 | . 012135 |  | . 01067 |
| 14. ....................... | . 01567 | . 01508 | .01453: | . 01402 | . 01354 | . 0131409 | . 0121367 | . 01314 | . 01275 | . 01155 |
| 15. | . 01672 | . 01610 | . 01552 | . 01498. | -01448 | . 01400 | .01356 .01439 | . 01314 | .01275 .07354 | .01238 .01315 |
| 16 ........................ | . 01772 | . 01707 | . 01648 | . 01589 | . 01536 | .01486 .07566 | . 01439 | . 013179 | .017427 | . 01315 |
| 17. ....................... | . 01866. | . 01798 | . 01734. | . 01674 | . 01618 | . 015666 | . 01590 | . 01541 | . 01495 | . 013858 |
| 18 ..................... | . 01958 . | . $01886^{\prime}$ | . 04818. | .01755. | -61697 | . 81641 |  |  |  |  |

Table S.-Based on life Table 80CNSMT Single Life Remainder Factors-Continued
(Applicable atter April 30, 1999)

| Age |  | Interest.rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 10.2\% | 10.4\% | 10.6\% | 10.8\% | 11.0\% | 11.2\% | 11.4\% | 11.6\% | 11.8\% | 12.0\% |
| 19 |  | . 02050 | . 01974 | . 01903 | . 01837 | . 01775 | . 01717 | . 01662 | .03614 | . 01563 | . 01517 |
| 20 |  | . 02143 | . 02064 | . 01989 | . 01919 | . 01854 | . 01793 | . 01735 | .03681 | . 01630 | . 01582 |
| 21 |  | . 02238 | . 02154 | . 02075 | . 02002 | . 01933 | . 01865 | . 01807 | . 01750 | . 01696 | . 01646 |
| 22 |  | . 02336 | . 02247 | . 02164 | . 02087 | . 02014 | . 01946 | . 01882 | . 01821 | .01764 | . 01711 |
| 23 |  | . 02438 | . 02345 | . 02257 | . 02176 | . 02099 | . 02027 | . 01959 | . 01885 | . 01835 | . 01778 |
| 24 |  | $\therefore .02550$ | . 02451 | . 02359 | . 02273 | . 02192 | . 02115 | . 02044 | . 01976 | . 01913 | . 01853 |
| 25 |  | . 02673 | . 02569 | . 02472 | . 02381 | . 02295 | . 02214 | . 02138 | . 02067 | . 01999 | . 01936 |
| 25 |  | . 02811 | . 02701 | . 02598 | . 02502 | . 02411 | . 02326 | . 02246 | . 02170 | . 02098 | . 02031 |
| 27 |  | . 02965 | . 02849 | . 02741 | . 02639 | . 02543 | . 02452 | . 02367 | . 02287 | . 02211 | . 02140 |
|  |  | . 03134 | . 03013 | . 02898 | . 02790 | . 02689 | . 02593 | . 02503 | . 02418 | . 02338 | . 02262 |
|  |  | . 03322 | . 03193 | . 03072 | . 02958 | . 02851 | . 02750 | . 02655 | . 022564 | . 02479 | . 02398 |
|  |  | . 03527 | . 03391 | . 03254 | . 03143 | . 03030 | . 02923 | . 02821 | . 02726 | . 026335 | . 02550 |
| 31 |  | - . 03753 | . 03610 | . 03475 | . 03348 | . 03228 | . 03115 | . 03008 | . 02907 | . 02811 | . 02720 |
| 32 |  | - . 04000 | . 03849 | . 03707 | . 03573 | . 03446 | . 03326 | . 03213 | . 03105 | . 03004 | . 02907 |
| 33 |  | -. 04269 | . 04111 | . 03961 | . 03819 | . 03685 | . 03558 | . 03438 | . 03325 | . 03217 | . 03115 |
|  |  | . 04561 | . 04394 | . 04236 | . 04087 | . 03946 | . 03812 | . 03685 | . 03565 | . 03451 | . 03342 |
| 35 |  | . 04877 | . 04702 | . 04535 | . 04378 | . 04229 | . 04087 | 03953 | . 03826 | . 03706 | . 03591 |
| 36 |  | . 05215 | . 05031 | . 04856 | . 04690 | . 04533 | . 04384 | . 04242 | . 04108 | . 03980 | . 03859 |
| 37 |  | . 05578 | . 05384 | . 05200 | . 05025 | . 04860 | . 04703 | . 04553 | . 04411 | . 04276 | . 04148 |
| 38 |  | . 05965 | . 05761 | . 05568 | . 053385 | . 05211 | . 05045 | . 04888 | . 04738 | . 04595 | . 04460 |
|  |  | . 06379 | .06165 | . 05962 | . 05770 | . 05588 | . 05472 | . 05247 | . 05089 | . 04939 | . 04795 |
| 40 |  | . 06828 | . 06596 | . 063833 | . 06181 | . 05989 | . 05806 | . 05631 | . 05465 | . 053307 | . 05155 |
| 41 | ...................... | - . 07288 | . 07054 | . 06832 | . 06620 | . 06418 | . 062266 | . 06042 | . 058868 | . 05701 | . 055941 |
| 42 |  | . 07784 | . 07539 | . 07306 | . 07085 | . 068873 | .06671 .07143 | .06479 .06941 | . 06295 | .06119 .06564 | . 059592 |
|  |  | . 088308 | .08052 .08594 | . 07808 | .07576 .08097 | .07355 .07865 | .07143 .07644 | . 06941 | .06748 .07230 | . 065684 | . 066887 |
| 45 |  | . 09445 | . 09167 | . 08901 | . 08648 | . 08406 | . 08174 | . 07953 | . 07741 | . 07538 | . 07343 |
| 46 |  | . 10060 | . 09770 | . 09494 | . 09230 | . 08977 | . 08735 | . 08503 | . 08281 | . 08068 | . 07865 |
| 47 |  | . 10707 | . 10406 | . 10119 | . 09643 | . 09579 | . 09327 | . 09085 | . 08853 | . 08630 | . 08817 |
| 48 |  | . 11386 | . 11073 | . 10774 | . 10487 | . 10213 | . 09949 | . 09697 | . 09455. | . 09222 | . 08999 |
|  |  | . 12094 | . 11769 | . 11458 | . 11160 | . 10874 | . 10600 | . 10337 | . 10084 | . 098842 | . 09609 |
| 50 | - | . 12831 | . 12494 | . 12172 | .11862 | .11565 | . 11280 | .11006 | . 10743 | . 10490 | -10247 |
| 51 |  | . 13600 | . 13251 | . 121217 | .12596 | . 12288 | . 11991 | . 11706 | . 13432 | . 11169 | $\bigcirc 10915$ |
| 52 |  | . 14405 | . 14044 | .13698 | . 13366 | . 13046 | . 12738 | . 12442 | . 12157 | .11883 | . 11619 |
| 53 |  | . 15247 | . 14875 | . 14517 | . 14172 | . 13841 | . 13522 | . 13215 | . 12919 | . 12635 | . 12360 |
|  |  | . 16124 | . 15740 | . 15370 | . 15014 | . 14671 | . 14341 | . 14023 | . 13717 | . 13421 | . 13136 |
|  |  | . 77039 | . 16642 | . 16261 | . 15893 | . 15539 | . 15198 | . 14868 | . 14551 | . 14244 | . 13948 |
|  | ................--..... | . 17991 | . 17583 | . 17190 | . 16811 | . 16445 | . 16092 | . 15752 | . 15423 | . 15106 | . 14799 |
| 57 | .-..................... | . 18984 | . 18564 | . 18160 | . 17769 | . 17392 | . 17029 | . 16677 | . 16338 | . 16010 | . 15692 |
| 58 |  | 20018 | . 19587 | . 19172 | . 18770 | . 18388 | . 18007 | . 17645 | . 17295 | . 16956 | .16628 |
| 59 |  | 21093 | . 20652 | . 20225 | . 19812 | . 19414 | . 19028 | . 18655 | . 18294 | . 17945 | . 17606 |
|  |  | 22206 | . 21753 | . 21316 | 20893 | . 20483 | . 20087 | . 19703 | . 19332 | . 18972 | . 18624 |
|  | . | 23353 | . 22890 | . 22442 | . 22009 | . 21589 | . 21182 | . 20788 | . 20407 | 20037 | . 19678 |
|  | . ...................... | . 24532 | . 24059 | . 23601 | . 23158 | . 22728 | . 22311 | . 21907 | . 21515 | . 21135 | 20767 |
| 63 |  | . 25742 | . 25260 | . 24793 | . 24339 | . 23900 | . 23473 | 23060 | . 22658 | . 22268 | . 21890 |
| 64 |  | 26987 | . 26495 | . 26019 | . 25556 | . 25107 | . 24671 | . 24248 | . 23837 | 23438 | 23050 |
| 65 |  | . 28271 | . 27771 | . 27286 | 26815 | . 26357 | . 25912 | . 25480 | . 25059 | 24651 | . 24254 |
|  |  | . 29601 | 29093 | . 28600 | . 28120 | . 27654 | -27200 | . 26760 | . 26331 | 25913 | 25507 |
|  | ....................... | . 30978 | . 30462 | . 29961 | . 29474 | . 29000 | 28539 | . 28090 | . 27653 | . 27227 | 26813 |
|  | ....................... | 32401. | . 31879 | . 31371 | . 30877 | .30396 | . 29927 | . 29471 | . 29027 | . 28593 | 28171 |
| 69 |  | . 33863 | . 33336 | . 32822 | . 32322 | . 31835 | . 31359 | . 30896 | . 30445 | . 30005 | . 29576 |
| 70 |  | . 35361 | . 34829 | . 34310 | . 33804 | . 33311 | . 32830 | . 32361 | . 31903 | . 31457 | . 31021 |
| 71 | ....................... | . 36886 | . 36349 | . 35826 | . 35316 | . 34818 | . 34332 | . 33858 | . 33394 | . 32942 | . 32500 |
| 72 |  | . 38439 | . 37899 | . 37373 | . 36858 | . 36356 | . 35866 | . 35388 | . 34919 | . 34461 | . 34015 |
| 73 |  | . 40021 | . 39479 | . 38950 | . 38432 | . 37927 | . 37433 | . 36950 | . 36478 | . 36016 | . 35565 |
|  |  | . 41639 | . 41096 | . 40565 | . 40046 | . 39538 | . 39042 | . 38556 | . 38081 | . 37616 | . 37161 |
|  | . | . 43301 | . 42758 | . 42226 | . 41706 | . 41198 | . 40699 | . 40212 | . 39734 | . 39257 | . 38809 |
|  |  | . 45009 | . 44467 | . 43937 | . 43417 | . 42908 | . 42410 | . 41921 | . 41443 | . 40974 | . 40514 |
| 77 |  | . 46761 | . 46221 | . 45693 | . 45175 | . 44667 | . 44170 | . 43682 | . 43203 | . 42734 | .42274 |
| 78 |  | . 48548 | . 48013 | . 47488 | . 46973 | . 46468 | . 45972 | . 45486 | . 45009 | . 44541 | 44082 |
| 79 |  | . 50356 | . 49826 | . 49306 | . 48795 | . 48294 | . 47802 | . 47319 | . 46845 | . 46379 | . 45922 |
| so | ....................... | . 52171 | . 51647 | . 51133 | . 50628 | . 50132 | . 49644 | . 49166 | . 48695 | . 48233 | . 47779 |
| 81 | .- | . 53974 | . $53-457$ | . 52950 | . 52451 | . 51961 | . 51479 | . 51006 | . 50541 | .50083 | . 49633 |
| 82 |  | . 55753 | . 55245 | . 54745 | . 54254 | . 53771 | . 53296 | . 52828 | . 52369 | .5:317 | . 51472 |
| 83 |  | . 57500 | . 57001 | . 56510 | . 56026 | . 55551 | . 55083 | . 54623 | . 54170 | .53724 | . 53285 |
| 84 |  | . 59216 | . 58726 | . 58245 | . 57770 | . 57304 | . 56844 | . 56391 | . 55945 | . 55506 | . 55074 |
| 85 | ...................... | . 60906 | . 60428 | . 59956 | . 59492 | . 59034 | .58583 | . 58139 | . 57702 | . 57270 | . 56845 |
| 86 |  | . 62555 | . 62088 | . 61627 | . 61173 | . 60725 | . 60284 | . 59849 | 59420 | . 58997 | . 58580 |
| 87 |  | 64 | . 636 | 63 | . 627 | . 6 | . 61921 | . 61495 | 6 | . 60661 | 60253 |

table S--based on life Table 80cnsmt single ufe Remander Factors-Continued
(Applicable ather April 30; 1989)

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 10.2\% | 10.4\% | 10.6\% | 10.8\% | 11.0\% | 112\% | 11.4\% | 11.6\% | 11.8\% | 12.0\% |
| 88 | . 65666 | . 552221 | . 64783 | . 64350 | . 63923 | . 63502 | . 63086 | . 62675 | . 62270 | . 61871 |
| 89 | . 67163 | . 66730 | . 66304 | . 63882 | . 65465 | . 65055 | . 64650 | . 64249 | . 63885 | . 63463 |
| 90 | . 68846 | . 88226 | . 678.12 | . 67402 | . 66998 | . 66599 | . 66204 | . 65814 | . 65430 | . 65049 |
|  | .70083 | . 69686 | . 69285 | . 68888 | .68496 | . 68108 | .67725 | . 67347 | . 66973 | . 66604 |
| 92 | . 71465 | . 71073 | . 70684 | 70300 | . 69920 | . 69545 | . 69173 | . 68806 | . 68444 | . 68085 |
| 93 -.................. | 72750 | .72370 | . 71994 | 71622 | - 71254 | . 70890 | . 70530 | . 70174 | . 69822 | . 69474 |
| 94 -.............. | . 73931 | . 73562 | 731.98 | 72838 | . 72484 | . 72129 | . 71780 | . 71434 | . 71093 | . 70755 |
| 95. | 75001 | .74644 | . 74291 | . 73941 | . 73505 | .73253 | .72914 | . 72579 | . 72247 | . 71919 |
| 96 | . 75953 | . 75606 | 75262 | . 74923 | . 74586 | . 74253 | . 73924 | . 73598 | . 73275 | . 72955 |
| 97 | 76819 | . 76481 | .76147 | . 75816 | .75489 | . 75165 | . 748844 | .74526 | . 74211 | . 73899 |
| 98. | 77599 | . 77270 | . 76944 | . 76821 | . 76302 | . 75986 | .75672 | . 75362 | . 75054 | . 74750 |
| 99 | .78319 | . 77998 | . 77680 | .77365 | . 77053 | . 76744 | . 76437 | . 76134 | . 75833 | . 75535 |
| 100 | . 78898 | . 78673 | 78362 | 78054 | . 77748 | . 77446 | . 77146 | . 76849 | . 76555 | . 76263 |
| 10.4 ...-............... | . 79822 | 79315 | .79010 | . 78708 | 78409 | 78113 | . 77819 | . 77528 | .77239 | . 76953 |
| 102 .................... | . 80283 | . 79983 | . 79685 | .79390 | . 79097 | . 78807 | . 78519 | . 78234 | . 77951 | . 77671 |
| 103 | . 80983 | . 80690 | . 80399 | . 8011.1 | 79825 | . 79541 | .79260 | . 78981 | . 78705 | . 78430 |
| 104 | .81760 | . 81475 | .81192 | . 80912 | . 80633 | . 80357 | .80983 | .79810 | . 79541 | . 79273 |
| 105 | . 82726 | . 82451 | . 821.78 | . 81907 | . 81638 | . 81377 | . 81.106 | .80943 | . 80582 | . 80322 |
| 106 .................... | .84137 | -83879 | .83623 | . 83368 | .831:15 | . 82863 | . 82614 | . 82366 | . 824.19 | .81874 |
| 108 - ................. | .86214 | . 859881 | . 85781 | .85523 | .85297 | .85077 | . 84847 | . 84624 | . 84403 | . 84182 |
| 100 .-............ | . 89660 | .8948.1 | . 89304 | . 89127 | . 88950 | . 88775 | . 88601 | . 88427 | . 88254 | . 88084 |
| 109 …....-......... | . 95372 | . 95290 | .95208 | . 95126 | . 95045 | . 94964 | . 94883 | . 94803 | . 94723 | . 94643 |

Table S.-Based on life Table bicnsmt Single Lffe Remainoer Factors [Applicable atier Aprit 30; 1989]

| Aga | interest rate- |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12.2\% | 12.4\% | 12.6\% | 128\% | 13.0\% | 13.2\% | 13.4\% | 13.6\% | 13.8\% | 14.0\% |
| 0. | 01683 | . 046689 | . 01655 | . 01642 | .01630 | . 01618 | . 01607 | . 01596 | . 04586 | . 01576 |
|  | . 00558 | . 00544 | .005331 | . 000518 | . 00506 | . 10494 | . 00484 | .00473 | . 00464 | . 00454 |
|  | . 00528 | .005:3 | -00499 | . 00485 | . 00473 | . 00467 | . 004449 | . 00439 | . 00428 | . 00419 |
|  | .00524 | . 00508 | . 00493 | 00479 | . 00465 | . 00453 | . 00444 | . 00429 | .00419 | . 00408 |
|  | . 00536 | . 00519 | . 00503 | . 00488. | . 00473 | 00460 | . 004477 | . 00435 | . 00423 | .004t2 |
|  | . 00555 | . 00540 | .00523 | .00507 | . 00492 | . 00477 | . 00464 | .00451 | . 00439 | . 00427 |
|  | . 00588 | -00569 | .00550 | . 00533 | . 00517 | . 00502 | -00487 | . 00473 | . 00460 | . 00448 |
|  | . 00624 | .00604 | . 00584 | .00566 | . 00549 | . 00532 | . 00051.7 | . 00502 | .00488 | . 00475 |
|  | . 00668 | . 00646 | . 00626 | . 00606 | . 005888 | . 005570 | . 00554 | . 00538 | . 00523 | . 00509 |
| g. | . 000722 | . 00699 | . 00677 | .00656 | . 006336 | . 00617 | . 00660 | . 005883 | . 00567. | . 00552 |
| 10. | . 00785 | .00764 | . 00737 | . 00715 | . 00694 | . 00674 | . 00655 | .00632 | . 00620 | . 00604 |
| 1.12 | .00864 | . 00835 | .00810 | . 00786 | . 00764 | .00743 | .00723 | .00704 | .00686 | .00668 |
| 12 | . 00946 | . 00918 | . 00891 | . 00866 | . 00843 | .00820 | .00799 | . 00779 | .00760 | . 00741 |
| 13. | . 01035 | . 01006 | . 00978 | . 02351 | . 00927 | .00903 | .00889 | . 00859 | .00839 | . 00819 |
| 14 | .01.122 | .01091 | .0106. 1 | . 01034 | . 01007 | . 00982 | . 00958 | . 00933 | . 00914 | . 00894 |
| 15. | . 01203 | . 01174 | .0n440 | . 01110 | .01082 | 01056 | . 01034. | . 01007 | . 00985 | . 00963 |
| 16. | . 01279 | . 01244 | .01211 | 01181 | . 01151 | . 01123 | . 0.1097 | . 01072 | . 01048 | . 01025 |
| -1.7. | . 01347 | .0133, | . 01276 | . 01244 | . 01273 | 0.0184. | .D1156 | . 01130 | . 01104 | . 01081 |
| 18. | . 01411 | . 01373 | . 01336 | . 01302 | . 01270 | . 01239 | . 01210 | . 0.1182 | . 01155 | . 01130 |
| 19. | . 01474 | . 01434 | . 01396 | . 01359 | . 01325 | . 01293. | . 01262 | . 01233 | . 01205 | . 01778 |
| 20 | . 01537 | . 01494 | . 01454 | . 01415 | . 01379 | .0i345 | . 01313 | . 01282 | . 01252 | . 01224 |
| 21. | . 01598 | . 01553 | . 01510 | . 01470 | . 01432 | 01395 | . 01361 | . 01329 | .01298 | . 01288 |
| 22 | . 01660 | . 01613 | . 0.4568 | 0.1525 | . 0.1485 | . 01446 | . 01410 | -01375 | . 01343 | . 01312 |
| 23 | . 01725 | 01674 | . 01627 | . 01589 | . 01539 | . 01498. | . 01460 | . 01423 | .01388 | . 01355 |
|  | . 01796 | -01742 | . 01682 | Ot.644 | . 01599. | . 01556 | 01515 | . 01476 | . 01439 | . 01404 |
| 25. | . 01676 | . 01819 | . 01765 | . 01714 | . 01566 | . 01621 | . 01577 | .07536. | . 01497 | . 01460 |
| 26. | . 01967 | . 01907 | . 01850 | .01796 | . 01745 | . 01696 | . 01650 | . 01606 | . 01565 | . 01525 |
| 27 | . 02072 | . 020818 | . 01948 | . 01890 | .01836. | . 01784 | .01735. | .04688 | . 01644 | . 01601 |
| 28. | . 02190 | . 02122 | . 02057. | . 07995 | .01938: | . 01883 | . 01834 | . 01781 | . 07734 | . 01689 |
| 29. | . 02322 | . 02249 | . 02181 | .021:76 | . 02054 | . 01996 | . 01940 | . 01887 | . 01836 | . 01788 |
| 30. | . 02469 | . 02382 | . 02319 | . 02250 | .02184 | . 02122 | . 02062 | . 02008 | . 01952 | . 01900 |
| 31. | . 02634 | . 02552 | -02475 | . 02407 | . 02337 | . 022254 | . 02200 | . 02140 | . 02083 | . 02028 |
| 32. | . 02816 | . 02729 | . 02647 | . 02568 | . 02494 | . 02423 | . 02355. | . 02291 | . 02229 | . 02170 |
| 33. | . 03018 | . 02923 | . 02838 | . 027.55 | .02675 | . 02600 | . 02528 | . 02459 | . 02393 | . 023331 |
| 34 | . 03239 | .03142 | .03048 | .02969 | .02875 | .02795. | .02718 | .02645. | . 02575. | . 02508 |
| 35 | . 03482 | . 03378 | .03279 | .03185 | .03095 | . 03009 | . 02928 | . 02850 | . 02775 | .02704 |
| 36 | .037.43 | .03633 | . 03528 | .23428 | . 63333 | .03242 | . 03155 | .03072 | . 02992 | . 02916 |
| 37 | . 04026 | .03909, | .03798 | . 03382 | .035911 | .03494i | .0340\% | .03313 | .03228 | . 63147 |

fable S.-based on life Taple 8ocnsmt Single life Remainder Factors-Continued
[Applicable atter Apris 30. 1989].

| Age | Interest rate |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12.2\% | 12.4\% | 12.6\% | \$2.8\% | 13.0\% | 13.2\% | 13.4\% | 53.6\% | 13.8\% | 14.0\% |
|  | . 0.04330 | . 04207 | . 04089 | .03872 | . 03869 | . 03767 | . 03668 | . 03574 | . 03484 | .03398 |
| 39. | . 04658 | . 04528 | . 04403 | . 04284 | . 04170 | . 04061 | . 03957 | . 03857 | . 03762 | . 03670 |
| 40. | . 05011. | . 04873 | .04747 | . 04615 | . 84495 | . 04379 | . 04269 | .04163 | . 04061 | . 03964 |
|  | . 05380 | . 05244 | -. 05104 | . 04971 | . 04844 | . 04721 | . 04604 | . 04492 | . 04384 | . 04281 |
| 42 | . 05791 | . 05638 | . 05491 | . 05350 | . 05216 | . 05096 | . 04952 | . 04844 | . 04729 | . 04620 |
| 43. | . 05219 | . 06057 | . 05902 | . 05754 | .D5642 | . 05475 | . 05344 | . 05218 | . 05098 | . 04981 |
| 44 | .06673. | . 06503 | . 063340 | . 06.184 | . 06034 | . 05880 | . 05752 | . 05619 | . 05491 | . 05368 |
| 45 | . 07157 | . 06978 | . 06806 | . 06642 | . 06434 | .06332 | . 06186 | . 06046 | . 05911 | . 05781 |
| 46 | . 07669 | . 07481 | . 07301 | . 07128 | . 06962 | . 068802 | . 06649 | . 06501 | . 06358 | . 06221 |
| 47 | . 08212 | . 08015 | .07826 | . 07645 | . 07470 | . 07302 | . 07140 | . 06984 | . 06834 | . 06690 |
| 48. | . 08784 | . 08678 | . 08380 | . 08.190 | . 08006 | . 07830 | . 07660 | . 07496 | . 07338 | . 07786 |
| 49 | . 09384 | .09109 | . 08965 | . 08762 | . 08570 | .08384 | . 08206 | . 08034 | . 07868 | .07708 |
| 50 | .10013 | . 09787 | .09570 | . 09361 | .091.160 | . 08966 | . 08779 | . 08588 | . 08424 | . 08256 |
| 51 | . 10671 | 10436 | . 50209 | . 09991 | . 09780 | . 09577 | . 09381 | . 09.192 | . 09009 | . 08832 |
| 52 | . 11365 | -1.1.120 | . 10883 | . 10655 | . 10435 | . 10222 | . 20017 | . 08819 | . 09628 | . 09442 |
|  | . 12095 | 1.1840: | . 71593 | . 1.1355 | -1.1.126 | .10904i | . 10689 | . 10482 | . 10282 | . 10088 |
| 54 | . 12860 | . 12595 | .12338: | -12090 | -11851 | . 11619 | -11396 | . 11179 | . 10970 | . 10767 |
| 55. | . 13663 | . 13385 | 13120! | -12862 | . 12613 | . 12372 | -12138 | . 11912 | . 71694 | . 11482 |
| 56. | . 14503 | . 14217 | .173902 | - 13672 | . 13413 | . 13162 | -12919 | . 12683 | . 12456 | - 12235 |
| 57 | .15385 | . 15089 | . 54805 | -14523 | . 34254 | -13994 | 13741 | 13496 | . 1.3259 | . 13029 |
| 58. | . 16311 | . 16004 | .15706i | . 15418 | 15139 | -14869 | . 74606 | .. 14352 | -14105 | -13866 |
| 59 | . 17279 | . 16965 | .18654 | . 16355 | .1.6066 | .15786 | . 1.5514 | -15250 | -1.4994 | -1,4745 |
| 60 | . 18286 | .17958: | . 776400 | . 17332 | -17033 | . 16743 | -16462 | -16188 | -15922 | - 15664 |
| 51 | . 19330 | . 18992 | .18865, | . 18347 | . 18038 | . 17738 | . 17647 | . 17164 | -16889 | . 16622 |
| 62 | 20409 | . 20065 | .19824 | . 19396 | . 19078 | . $18769^{\circ}$ | . 18487 | 18175 | 17891 | -17614 |
| 63 | . 21522 | .21165, | .20878: | 20480 | 20152 | .19833 | . 19523 | . 19221 | . 18928 | . 18642 |
|  | 22672 | .22306: | . 21948 | . 21602 | . 21265 | 20937 | .20617 | . 20306 | . 20003 | -19708 |
|  | 23867 | . 23491 | .23125. | . 22769 | . 22423 | . 22085 | . 21757 | 21437 | 21125 | 20821 |
| 66 | . 25112 | .2472] | .24353: | . 23988 | 23632 | . 23288 | . 22948 | 22619 | 22299 | 21986 |
| 67 | 26409 | .26016 | -25633; | . 25260 | . 24896 | . 2454 4 | 24195 | -23857 | -23528 | . 23206 |
| 68. | 27760 | -27359 | . 26968 | . 26588 | . 26214 | . 25851 | 25497 | . 25151 | . 24814 | 24484 |
| 69 | . 29157 | . 28748 | . 28350 | . 27961 | 27581 | . 27211 | 26849 | 26495 | . 26150 | . 25812 |
| 70. | . 30596 | . 30184 | . 297775 | . 29379 | 28992 | . 28614 | . 28245 | 27884 | 27532 | 27187 |
| 71 | . 32069 | . 31648 | . 31236. | . 30833 | . 30440 | . 30055 | . 29679 | . 29312 | 28952 | 28600 |
| 72. | . 33578 | . 33154 | . 32733 | . 32325 | . 31925 | . 31535 | .311.152 | . 30778 | . 30412 | . 30054 |
| 73 | . 35123 | . 34691 | . 34268 | . 33855 | . 33450 | . 33054 | 32666 | . 32286 | . 31914 | . 31550 |
| 74 | . 36715 | . 36279 | . 35852 | . 35434 | . 35024 | . 34623 | . 34230 | . 33845 | . 33468 | . 33098 |
| 75. | . 38360 | . 37921 | . $3749 \%$ | . 37069 | . 36656 | . 36250 | . 35853 | . 35464 | . 35082 | . 34708 |
| 76 | . 40064 | . 39623 | . 39190 | . 38765 | . 38349 | . 37941 | . 37540 | . 37148 | . 36762 | . 36384 |
| 77 | . 41823 | . 41381 | .40947 | . 40521 | . 40103 | . 39692 | . 39290 | . 38895 | . 38507 | . 38126 |
|  | . 43632 | . 43189 | .42754- | . 42329 | . 41910 | . 41499 | . 41.095 | . 40698 | . 40309 | . 39926 |
|  | . 45473 | . 45032 | . 44599 | . 44173 | . 43755 | . 43344 | .42949 | . 42543 | . 42153 | . 41770 |
| 80 | . 47333 | . 46894 | . 46463 | . 46040 | . 45623 | . 45213 | . 44819 | . 44414 | . 44025 | . 43642 |
| 81 | . 49191 | . 48755 | .48328 | . 47907 | . 47493 | . 47085 | . 46684 | . 46290 | . 45902 | . 45520 |
| 82 | . 51034 | . 50603 | . 501.79 | . 49762 | . 49351 | . 48947 | -48549 | . 48157 | . 47772 | . 47392 |
| 83 | . 52852 | . 52422 | . 52008 | . 51595 | . 51189 | .50788 | . 50394 | . 50006 | . 49623 | . 49246 |
| 84 | . 54648 | . 54228 | . 53815 | . 53407 | . 53006 | . 52610 | 52221 | . 51836 | . 51458 | . 51084 |
| 85 | . 56426 | . 56013 | . 53606 | . 55205 | . 54810 | .54420 | 54035 | . 53856 | . 53282 | . 52913 |
| 86 | . 58169 | . 57764 | . 57364 | . 56870 | . 5658.7 | . 56.197 | . 55818 | . 55445 | . 55076 | . 54713 |
| 87 | . 59850 | . 59452 | . 59060 | . 58673 | . 58291 | . 57913 | . 57541 | . 57174 | . 56811 | . 56453 |
| 88 | . 61476 | . 61086 | . 60702 | . 60322 | . 59947 | . 59577 | . 59212 | . 58851 | . 58494 | . 58142 |
| 89 | . 63078. | . 62697 | .62321. | . 67950 | . 611583 | -61220 | . 60862 | . 60508 | . 60759 | . 59813 |
| 90 | . 64674 | . 64302 | . 63935 | . 63573 | 63215 | . 62861 | . 62511 | . 62765 | . 61823 | 61485 |
| 91 | .65238 | . 65877 | . 65520 | .65167 | . 64819 | . 64474 | . 64133 | . 63795 | . 63462 | . 63132 |
| 92 | . 67730. | . 67379 | . 67032 | . 66689 | . 66350 | . 65014 | . 65682 | . 65354 | . 65029 | . 64708 |
| 93 | . 69430 . | . 68789 | . 58452 | .68779 | . 67789 | .67463 | . 67140 | . 66820 | . 66504 | . 66191 |
| 94 | . 70421 | . 70000 | . 69762 | . 69438 | . 69118 | . 68800 | . 68486 | . 68175 | . 67867 | . 67563 |
| 95 | 71594 | . 71272 | . 70954 | . 70639 | . 70326 | . 70017 | . 69712 | . 69409 | . 59109 | . 68812 |
| 96 ....---....--.... | . 72638 | . 72325 | . 72014 | . 71707 | . 71403 | . 71101 | . 70803 | . 70507 | . 70215 | . 69925 |
| 97 | . 73590 | 73285 | . 72982 | . 72682 | . 72385 | . 72090 | . 71799 | . 71510 | . 71224 | . 70941 |
| 98 | .74448 | . 74.149 | . 73853 | . 73560 | . 73269 | .72984 | 72696 | . 72414 | . 72134 | . 71856 |
| 99 | . 75240 | :74948 | . 74658 | . 74378 | . 74088 | . 73805 | . 73525 | . 73248 | 72974 | . 72702 |
| 100 | .75974 | . 75687 | . 75403 | . 75124 | . 74342 | 74565 | . 74292 | . 74020 | . 73751 | 73484 |
| 101 | . 76569 | . 76388 | .761.09 | . 75833 | . 75559 | . 75287 | . 75018 | . 74751 | . 74486 | . 74223 |
| 102 | .77393 | .77tit | . 76844 | . 76573 | . 76304 | . 76037 | . 75773 | . 75511 | . 75251 | . 74993 |
| 103 | 78158 | . 77888 | . 77620 | . 77355 | . 77091 | . 76830 | . 76571 | . 76313 | . 76058 | . 75805 |
| 104 | 79007 | 7.78743 | . 78482 | . 78222 | .77964 | . 77709 | . 77455 | . 77203 | .76953, | 7675 |
| 105 | . 80065 | . 79800 | . 79556 | . 79304 | . 79054 | . 78805 | .78559: | .78314 | 78074 | . 77829 |
| 06 | 81637 | . 81388 | . 81149 | . 80918 | . 80674 | . 80438 | . 80204 | 79972 | 7974: | 795\%1 |

table S.-Based on life Table bocnsmt Single life Remander Factors-Continued
[Applicable after April 30. 1989]


Table 80CNSMT-- Applicable after Aparl 30, 1989

| $\text { Age } \times$ <br> (1) | $1(x)$ (2) | Age $x$ (i) $\quad$. | $1(\mathrm{x})$ $(2)^{\prime}$ | $\text { Age } x$ <br> (1) | (2) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Q ................................... | 100000 | 37. | 95492 | 74 ...................................... | 59279 |
| 1 ................................... | 98740 |  | 95317. | 75 .................................................................. | 56799 |
|  | 98648 | 39 ............................................. | 95129 | 76 .......................................... | $5<239$ |
| 3 | 98584 | 40 ..................+......................... | 94926. | 77 .......................................... | 51599 |
| 4 ............................................. | 98535 | 41 .................................i.......... | 94706 | 78 .......................................... | 48878 |
|  | 98495 | 42 ........................................... | 94465 |  | 46071 |
|  | 98459 | 43 ............................................ | 94201 | 80 .......................................... | 43180 |
| 7............................................ | 98426 |  | 93913 | 81. | 40208 |
|  | .. 98396 | 45 ........................................ | 93599 | 82 .......................................... | 37172 |
|  | . 98370 | 46 | 93256 |  | 34095 |
| 10 | 98347 | 47 | -92882. | 84 | 31012 |
|  | 98328 | 48 | 92472 |  | 27960 |
| 12 | 98309. | 49 ........................................... | 92021 | 86 .......................................... | 24961 |
| 13 | 98285 | 50 :........................................... | 91526 | 87 ......................................... | 22038 |
| 14 ............................................ | 98248 |  | 90986 | 88 ........................................... | 19235 |
|  | 98196 |  | 90402 | 89 .......................................... | 18598 |
|  | 98129 |  | 89771. |  | 14154 |
|  | 98047 |  | 89087 |  | 11908 |
|  | 97953 | 55 | 89348 |  | 9863. |
|  | 97851 |  | 87551 | 93 .......................................... | 8032 |
| 20 | 97741 | 57 ........................................... | 86695 | 94 .......................................... | 6424 |
| $21 . .$. | 97623 | 58 ............................................. | 85776 |  | 5043 |
| 22 | 97499 | 59 ............................................ | 64789 | 96 ......................................... | 3894 |
| 23 | 97370 | 60 ............................................ | 83726 |  | 2939 |
| 24 ............................................ | 97240 | 61 ...i....................................... | 82581 | $98 . .-. . . . . . . . . . . . . . . . . . . . . . . . ~$ | 2185 |
|  | 97110 | 62 | 81348 | 99 | 1598. |
|  | 96982 | 63 | 80024 | 100 | 1150 |
|  | 96856 | 64 | 78609. | 101 | 815 |
|  | 96730 |  | 77107 | 102 ..........................................: | 570 |
| 23 ............................................. | 96504 | 66 ........................................... | 75520 | 103 .......................................... | 393 |
| 30 ............................................. | 96477 | 67 ............................................ | 73845 | 104 ........................................... | 267 |
|  | 96350 |  | 72082 | 105 | 179 |
|  | 96220 | 69 | 70218 | 106 | 19 |
| 33 ............................................ | 86088 | 70 | 68248 | 107 ........................................... | 78 |
| 34 ............................................. | 95951 | 71 ........................................... | 66165 | 108 ........................................... | 51 |
|  | 95808 | 72 | 63972 | 109 | 33 |
|  | 95655 |  | 61673 | 110 | 0 |

(e) Effective date. This section is effective as of May $1,1989$.

## §20.2031-10 [Removed]

Par. 23. Section 20.2031-10 is removed.

Par. 24. Section 20.2055-2 is manded by revising paragraph ( 0 (1) to read as follows:
720.2055-2 Transfers not exciusively for .haritable purposes.
(f) * * *
(4) Other decedents. The present alue of an interest not described in aregraph (f)(2) of this section is to be
determined under \$20.2031-7(d) in the case of decedents where the valuation date of the gross estate is after April 30. 1989, or under $\$ 20.2031-7 A$ in the case of decedents where the valuation date of the gross estate is before May 1. 1989.

## Par. 25. Immediately following

 $\$ 20.7101-1$, an undesignated center heading and $\$ \S 20.7520-1$ through 20.7520-4, are added to read as follows:
## General Actuarial Valuations

§20.7520-1 Valuation of anruities, unitrust interests, interests tor life or term of years, and rematnder or reversionary interests.
(a) General actuarial valisations. 11) Except as otherwise provided in this section and in § 20.7520-3 irelating 10 exceptions to the use of prescribed tables under certain circumstances). in the case of estates of decedents with valuation dates after April 30, 1989, th.e fair market value of annuities, interests for life or for a term of years (including unitrust interests), remainders, and reversions is their present value
determined uader thit section. See §20.2031-7(d): (and, for cettains prior periods, $\$ 20: 2031-7$ Akj of this ahapten for the computation of the value of annuities unitrust interests hife estates, terms of years, remainders, and reversions, other than interests. described in paragraphs (a)(2) and (f)(3) of this section.
(2) for the case: of a transfer to a pooled income fund with a valuation date after April 30; 1989, see $81.642(\mathrm{c})$-6 (e) (or, for cerain prior periods, $\$ 1.642(c)-6 \mathrm{~A}$ ) of this chapten (Income Tax Regulations) with respect to the valuation of the: semainder interest.
(3) in the case of a transfer to a charitable: remaimder annuity trust with. a valuation date after April 30, 1989; see § $1.664-2$ of this chapter with. respect to the waluation of the remainder interest. See: 5 L664-f for, for certain prion periods 8.1.664-4A) of this chapter with respect to the valuation of the remainder interest in property transtered to a charitable remainder unitrust.
(b) Cimponeats of valiration-(1) Interest axte coraponent-(i): Section 7520 Interest mate. The section 2520 : interest cate is the: rate of return, rounded to the nearest two-fenths of one percent, that is. equal to. 120 percent of the appuicable Federal midterm rate, compounded annually, for purposes of section 1274(d)(1). For the montiri in which the valuation dater falls: In: rounding the rate to the nearest twotenths of a percent, any rate that is midway between one two tenths of a percent and another is rounded upito the higher of those two rates. For example, if $T 20$ percent of the app Ficable Federal mid-term rate is 10.30, the section 2520 interest rate componend is 10.4 . The section 7520 . interest rate is published monthly by the Internal Revenue Service in the Loternal Revenue Bulletin (See
$\$ 601.601(\mathrm{~d})(2)(\mathrm{ii})(b)$ op this chapter).
(ii) Vriuation date Gemerally, the valuation date is the date on which the transfer takes place. For estate tax purposes, the veluation date is the date of the decedent's deatit, unless the execuior elects the altemate valuation date int accordance with section 2032, ins which event, and undet the limitations prescribed in section 2032 and the regulations thereunder, the valuation date is the alternate valuation date. For special rules in the case of charitable transfers, see § 20.7520-2.
(2) Mortolity component The: mortality component reflects the mortality data most recently avaijable. from the United States census. As new mortality data becomes available after each decennial census, the mortality.
component described in this section will be rewised peciodically and tha revisect mortality companent tables will be published in the regulations at that time. For decedents' estates with valuation dates after Aprid 30,1989 ; the mortality coraponent tabla (Table:
80CNSMT) is included in $520.2031-$ 7(d)(t). See $5.20 .203 ; 1$-7A for mortality component tables applicable to decedent's estates with valuation dates: befone:May I. 1989
(c) Fables. The present walue on the valuation date of an annuityr. Life estate; temm of years, remainder, or meversior is computed by using: the section 7520: interest rate-component that is described: in paragraph ( 3 )(1)' of this section and the mortality component that is described int paragraphe (ib)(2). of this section Axtuatial factorg for determining these present values are included ire tables:irs these regulations. and in publications by the meternat Revenue:Service fif aspecial factor is required ind order to walue an interest, the Intemal Revenue Service with furnish the facton upon a request for a: ruling. The-request for a ruling must be accompanied by a recitation of the facts including. the date of birth for each measuring. life and copies of relevant instruments. A request for a ruling musk comply with the instructions for requesting a ruling published. periodically in the Entersat RevenueBulletin [see Rey Proc. 94-1, 1994-1 I.R.B. 10, and the first Reve. Froc. published each year, and $\$ \$ 601.201$ and $601.601(\mathrm{~d})(2)(\mathrm{ij})(\mathrm{h})$ of this chapter) and: include payment of the required uset fee-
( i ) Regulation sections containing tables with interest tates between 4.2. and 14 percent Section 1.642 (c)-G(e)(4) of this chiapter contains. Table Sused for determining tie present value of a single life remainder interest in. a pooled income fund as definedin $\$ 1.642$ (c)-5 of this chapter (Income Tax Regulations). Section 1.664-4(e)(6) of thischapter contains Table D factuarial factors used in determining the present value of a remainder interest postponed for a term of years), Table U(1) (actuarial factors for one life), and Table F (payout factorsk used irs detemining the present vahe of a remainderinterest in a charitable remainder unitrust as defined. in § 1.664-3 of this chapter Section 20.2032 -7(d) (G) contains Tables (actuarial factors for one life) Table E (actuarial factors used in deternianing the present value of ar interest for a term of years\}, Table K (anturity end-ofintervat adjustment factors); Table:J (term certain annuity begirming-otinterval adjustunent factors); and Table 8OCNSMT (urzortality compenents) used
in determining the present value of annuities, life estates, remainders, and reversions. The regalations will be revised periodicalty to include new mortality component tables and new tables of factors:
(2) Internal Revenue Service publications containing tables with interest rates between 2.2 and 26 : percent The following documents(exrept for Publication 1459) have been published for sale by the
Superiatendent of Doruments, United States: Govemment Printing Office, Wastington. EC.20402
(i) Internall Revenue Service Publication 1457, "Actuarial Values, Alpha Volume," (8/89). This publicatior includes tables of valuation factors; as welt as examples that show how to compute other valuation factors. for determining the present value of annuities, life estates; terms of years. remainders; and reversions;, measured by one or twe: lives. These factors may also be used in the valuation of interests in a charitable remainder ammity trust as defined in §.1664-2 of this chapter (Income Tax Regulations) and a pooledt income fund as defineding $1.642(\mathrm{c}$ )-5 of this chapter.
(ii) Internal Revenue Service Publication 1458, "Actuarial Values, Beta Volume," (8/89) This publication includes term certaia tables and tables of one and two- life valuation factors for determining: the present value of remainder interests in a charitable remainder unitrust as definedin § $1.664-3$ of this chapter.
(iii) Internal Revenue ServicePublication 1459, "Actuarial Values, Gamma Volume," (8-89), is no longer available for purchase from the Supecinlendent of Doctuments. However, it may be obtained by requesting a copy from:
CC:DOM:CORP:T:R (IRS Publication 14593, room 5228, Internal Revenue: Service, POB 7604. Ben Franklin Station, Washington, DC20044. This publication includes tables for computing depreciation adjustment factors. See S. 1.170A-12 of this chapter (Income Tax Regulations):
(d) Effective date- This section is. effective as of May 1. 1989.

## §20.7520-2. Valuation of charitable Interests

(a) In gerrear-(t) Valuation: Except as otherwise provided in this section and in $5207520-3$ frefating to exceptions to the use of prescribed tables under certair circumstances). the fair market value of annuities, interests for life or for a term of years, remainders, and reversions for which an: estate tax charitable deduction is
allowable is the present value of such interests determined under $\$ 20.7520-1$.
(2) Prior-month election rule. If any part of the property interest transferred qualifies for an estate tax charitable. deduction under section 2055 or 2106. the executor may compute the present value of the transferred interest by use of the section 7520 interest rate for the month during which the interest is transferred or the section 7520 interest rate for either of the 2 months preceding the month during which the interest is transferred. Paragraph (b) of this section explains how a prior-month election is mede. The interest rate for the month so elected is the applicable section 7520 interest rate. If the executor elects the alternate valuation date under section 2032 and also elects to use the section 7520 interest rate for either of the 2 months preceding the month in which the interest is transferred, the month so elected feither of the 2 months preceding the month in which the alternate valuation date falls) is the valuation date. If the actuarial factor for either or both of the 2 months preceding the month during which the interest is transferred is based on a mortality. experience that is different from the mortality experience at the date of the transfer and if the executor elects to use the section 7520 rate for a prior month with the different mortality experience, the executor must use the actuarial factor derived from the mortality experience in effect during the month of the section 7520 rate elected. All actuarial computations relating to the transfer must be made by applying the interest rate component and the mortality component of the month elected by the executor.
(3) Transfers of more thon one interest in the same property. If a decedent's estate includes the transfer of more than one interest in the same property, the executor must, for purposes of valuing the transferred interests, use the same interest rate and mortality components for each interest in the property transferred.
(4) Iniormation required with tax return. The following information must be attached to the estate tax return for be filed subsequently as supplemental information to the return) if the estate rlams a charitable deduction for the present value of a temporary or remainder interest in property| (i) A complete description of the interest that is transferred, including a copy of the instrament of transfer,
(ii) The valuation date of the transfer;
(iii) The names and identification numbers of the beneficiaries of the: transferred interest;
(iv) The names and biribdates of any measuring lives, a description of any relevant ferminal illness condition of any measuring life, and (if applicable) an explanation of how any terminal illness condition was taken into account in vaiuing the interest; and
(v) A computation of the deduction showing the applicable section 7520 interest rate that is used to value the transferred interest.
(5) Ploce for fling returns. See section 6091 of the Internal Revenue Code and the regulations thereunder for the place ; for filing the return or otber document required by this section.
(b) Election of interest rater component-(1) Time for making efection. An executor makes a priormonth election under paragraph (a)(2) of this section by atteching the information described in paragraph (b)(2) of this section to the decedent's estate fax return or by filing a supplemental statement of the election information within 24 months after the later of the date the original estate tax reiurn was filed or the due date for fling the return.
(2) Manner of making election. A statement that the prior-month election under section 7520\{a) of the Internal Revenue Code is being made and that identifies the elected month must be attached to the estate tax return for by subsequently filing the statement as supplemental information to the return).
(3) Revocability. The prior-month election may be revoked by filing a statement of supplemental information within 24 months after the later of the date the original return of tax for the decedent's estate was filed or the due date for filing the retum. The revocation must be fited in the place referred to in paragraph (a)(5) of this section.
(c) Effective dates. Paragraph (a) of this section is effective as of May 1, 1989. Paragraph (o) of this section is effective for elections made after june 10. 1994.
\$20.7520-3 Limitation on the application of section 7520 .
(a) Internal Revenue Code sections to which section 7520 does not apply. Section 7520 of the Internal Revenue Code does not apply for purposes of:
(i) Part 1 , subchapter D of subtitie $A$ (section 401 et . seq.), relating to the income tax treatment of certain qualified plans. (However, section 7520 does apply to the estate and gift tax treatment of certain qualified plans and for purposes of determining excess accumulations under section 4980A);
(2) Sections 72 and $101(\mathrm{~b})$, relating to the income taxation of life insurance. endowment, and annuity contracts, unless otherwise provided for in the
regulations under sections 72, 101, and 1011 (see, particularly. §§1.1012(c) $(1)($ (iii) $(b)(2)$, and $1.3011-2(c)$, Example 8):
(3) Sections 83 and 451 , uniess otherwise provided for in the regulations under those sections;
(4) Section 457, relating to the valuation of deferred compensation, unless otherwise provided for in the regulations under section 457;
(5) Sections 3121 (v) and $3306(r)$. relating to the valuation of defersed amounts, unless otherwise provided for in the regulations under those sections;
(6) Section 6058, relating to valuation statements evidencing compliance with qualified plan requirements, unless otherwise provided for in the regulations under section 6058;
(7) Section 7872, relating to income and gift taxation of interest-free loans and loans with below-market interest rates, unless otherwise provided for in the regulations under section 7872; or
(8) Section 2702 (a)(2)(A), relating to the value of a nonqualified retained interest upon a transfer of an interest intrust to or for the benent of a member of the transferor's family: and
(9) Any other sections of the Internal Revenue Code to the extent provided by the Internal Revenue Service in revenue nlings or revenue procedures: (See $\$ \$ 601.201$ and 601.601 of this chapier).
(b) Other limitations on the
application of section 7520 . [Reserved]
(c) Effective date. Section $\$ 20.7520-$ 3 (a) is effective as of May 1, 1989.

## §20.7520-4 Transitional rules.

(a) Reliance. If the valuation date is after April 30, 1989, and before lune 10. 1994, an execulor can rely on Notice 89-24, 1989-1 C. 8.660 , or Notice $89-$ 60, 1989-1 C.B. 700 (See
$\$ 601.601(\mathrm{~d})(2)(\mathrm{ii})(b)$ of this chapien), in valuing the transferred interest.
(b) Effective date. This section is effective as of May 1, 1989.

## PART 25-GIFT TAX; GIFTS MADE AFTER DECEMBER 31, 1954

Par. 26. The authority citation for part 25 is revised to read as follows:
Authority: 26 U.S.C. 7805.
Section 25.2512-5 also issued ut der 26 U.S.C. 75zO(c)(2).

Section 25.2512-5A also issued under 26 U.S.C. 7520 (c)(2).

Section 25.7520-1 also issued under 26 U.S.C. 7520(c)(2).

Section $25.7520-2$ also issued vider 26 U.S.C. $7520(\mathrm{c})(2)$.

Section $25.7520-3$ also issued under 25 U.S.C. $7520(\mathrm{c})(2)$.

Section $25.7520-4$ atso issued under 26 U.S.C. 7520(c)(2).

Par. 27. Section 25.2512~0 is added to read as follows:

## \$25.2x12-0 Jable of contents.

This section lists the section headings that appear in the regulations under section 2512.
§25.25:2-1 Valuation of property: at general.
§25.2512-2. Siocks and bonds'
§25.2512-3 Valuation of interesist in businesses.
525.2512-4 Valuation of notes.
oizs.2512-5 Valuation of manuthes unimest interests, interests for kfe or term of years. and remainder or reversionary inten:st:i tratsferred after Aprii $30,1989$.
§ 25.25 2 $_{2-6}^{6}$ Valuation of certain life insurtnce and annuity contracts; valuation of shares in an open-end invertment compeny.
\$25.2512-7 Effert of excise tar.
§25.25i2-S Transfers for misffocirnt rmsideration.

Actarriai Tables Applicable Before May 1. 1399
$\$ 252512-5 \mathrm{~A}$ Veltüturi of momites. mitrust interests, inierests for life or term of yenrs, and remainder or reversionary inlenests transferred before May 1, 1980
far. 28. Immediately following \$25.2518-3 an undesignated center heading and $\S 25.2512-5 \mathrm{~A}$ are added to read as follows:

## Actuarial Tables Applicable Before May 1, 1989

## 今 $25.2512-5 \mathrm{~A}$ Valcation of amnuities,

 uniterst interests, friterests for life or term of years, and remaincter or reversionary interests transferred before May 1, 1989.(a) Valuation of annuities. interests for life or term of years. and remainder or reversionary interasts transferred before fanuary 1, 1952. Except as otherwise provided in $\$ 25.2512-5(\mathrm{~b})$, if ibe transfer was made before January 1, 1952, the present value of annuities, life eatahes, terms of years, remeinders, and roversions is their present value detemined under this section. If the viluation of the interest involved is deperdent upon the continuation or rermination of one or more lives or upon $t$ term certain concurrent with one or rire lives, the factor for the present Y! !as is computed on the basis of nterest at the rate of 4 percent a yedr. zonpouncied annually, and life wntugencies for each life involved Fron values thet are based upon the fortuaries' or Corrbined Experience Thble of Mortatity as extended." This table and many additional factors are described in former $\$ 85.19$ (as contained in the 26 CFR Part 61 edition revised as of April 1. 1958). The present value of an interest meastred by a term of years is computed on the basis of tuterest at the rate of 4 percent a year.
(b) Valuation of annuities. interests forlife or tem of years, ard remainder
or reversionary interests transferred after December 31. 1951, and before January 1. 1971. Except as otherwise provided in § $25.2512-5(\mathrm{~b})$, the present value of annuities, life estates, terms of years, remainders, and reversions transferred after December 31, 1951, and before fonuary 1.1971, is the present value of such interests datermiand under this section. If the valus of the interest involved is dependent upon the continuation or termination of one or nore lives, the factor for the present value is computed on the basis of interest at the rate of $31 / 2$ percent a year. compounded annually, and life contingencies for esch life involved from U.S. Life Table 38. This tuble and many accompanying factors are set forth in former § 25.2512-5 (as contained in the 25 CFR Part 25 edition revised as of April 1, 1994). Special factors involvinn one and two lives may be found in or computed with the use of tabies contained in Intemal Revenue Service Publication Number 11. "Actuarial Values for Estate and Gif Tax," (Rev. 5 59). This publicstion is no longer available for purchase from the Superintendent of Docuraents. However, it may be obiained by requesting a copy from:
CC:DOM:CORP:T:R (IRS Publication 11). room 5228, Internal Revenue Service, POB 7604, Ben Franklin. Station, Washington DC 200-44. The present value of an interest measured by a term of years is computed on the basis of interest at the rate of $3^{1 / 2}$ percent a year.
(c) Voluation of anncities, interests for life or term of years, and rembinder or reversionary interests transferred after December 31, 1970, and before December 1. 1983. Except as otherwise provided in § $25.2512-5(\mathrm{~b})$, the present value of annuities. life estetes, terms of years, remainders, and reversions transferred after December 31. 1970, and before December 1. 1983, is the present value of such interests determined under this soction If the intare it to bo valued is spandent upon the continuation or termination of yate or more lives or upon a term certain concurent with one or more lives, the factor for the present velue is computed on the basis of interest at the rate ofs percent a year, compounded amually, and life contingencies deterrained for each male and female dife involved. from the values that are set forth in Table LN. Table LN contains valtes that are taken from the life tible for total males and the life table for total females appearing as Tables 2 and 3 , respectively, in United States Life Tables 2757-61. publisted hy the

Department of Health and Hurnan Services. Public Health Service. Table LN and accompanying factors are stt: forth in former § $25.2512-9$ (as contained in the 25 CFR Part 25 edition revised as of April 1, 1994). Special factios involving one and two lires nayy be found in or computed with the use uf boles contained in Interand Rovane. Sorvice Pitbleation 723, entitled "Actuarial Values I: Valuation of Last Surviver Charintle Remaiaders" (1270). and Enteral Revenue Service P'ehfication 723A, entitled "ftuerial Voitues If: Fuctors at 6 Percent Involving One and Two Lives" (12-70). These publications a e no longer avaliable for purchase- from the Supurintendent of Documents. However, a copy of exite may te obtained from:
CC:DOM:CORET: R (ERS Publication $723 / 723 A$ ). coom 5228 , Internal kivenué Service. POB 7e04, Ben Franklia Statica. Washington, DC 20044. The preseat value of an interest neeasured by a term of years is computed on the basis of interest at the rate off 6 percent a year.

Par. 20. Section 25.2512-5 is redesignated as paragraph (d) of § 25.2512-5A ard amended as follows:

1. The following redesignation table indicates the old CFR unit mumbers for $\$ 25.2512-5$ and the correspanding new CFR unit numbers for $525.2512-5 A(d)$ :

| Ond CFR unit No. in s $25.2512-5$ | Corresporxing new No. in \$25.2512. . SA(d) |
| :---: | :---: |
| § $25.2512-5$ heading. | Paragraph (d) head. ing. |
| (a) | (d)(1): |
| (a)(1) | (d)(1)(i). |
| (a)(1)(i) .................. | (d)(1)(i)(a). |
| (a)(i)(ii) ..--3............. | (d)(1)018). |
| (a)(t)(i)(A) ............... | (d)(1) (i) (8)(1) |
| (a)(1) (i) $^{\text {( } 5 \text { ) }}$............... | (d) $(1)$ (j) $\mathrm{B}^{\text {( }}$ ) $(2)$ |
| (a)(1)(iii) ................... | (d)(1) ${ }^{\text {( }}$ (C). |
| (a)(1)(ii) $($ a $) \ldots \ldots \ldots$ | (d)(1)(f) C ( $)^{\prime}$ |
| (a)(1)(4)(2) .-........... |  |
| (2)(2) .................... |  |
| (a)(3) ...-------......... | (a)(1) (til) |
| (b) | (d) (2). |
| (h)(1) --..... ... --...- | (d) (2) (t) |
| (0)(2) ...................... | (a)(2)(ii). |
| (0) $(3)$ | (d)(2),iii). |
|  |  |
| (c)(3)(5) ................-- | (G) 2 )(ii)(3) |
| (c) ........................ | (d) (3). |
| (d) ... . ..... ............... | (c) (1) |
| (c) ...... ........... | (d) ${ }^{5}$ |
| (f) .......................... | (0)(G) |

2. The paragmph teading fer paragrept ( $d$ ) is revised.
3. Newly designated paragruph (d)(1)(i)(A) is amended by revising the firs: sentence and removing the enghth aud last sentences.
4. In newly designated poragraph (d) ( 2 ) (i) (A) the concludina texi ns
amended by revising the first full sentence.
5. In newly designated paragreph
(d)(1)(i)(C), the concluding text is amended by revising the first and second full sentences.
6. Newly designated paragraph
(d) (1)(iii) is revised.
7. Newly designated paragraph (d)(5)
is amended by revising the second and third sentences.
8. Newly designated paragraph (d)(6) is revised.
9. The revisions read as follows:
525.2512-5A Valuation of annulties, uniturst interests, Interests for life or term of years, and remainder or reversionary interests transferred before May 1, 1989.
(d) Valuation of annuities, interests for life or term of years, and remainder or reversionary' interests tronsferred ofter November 30, 1983, and before May 1, 1989-(1) In general. (i)(A) Except as otherwise provided in \$ $25.2512-5(\mathrm{~b})$ and in this paragraph (d) $(1)(i)(A)$, the fair market value of annuities, life estates, terms of years; remainders, and reversions transferredafter Novernber 30, 1983, and before May 1, 1989, is the present value of such interests determined under this section. ***
(B) ***
(B) * * The donor may elect to value both interests transferred in 1983 under § $25.2512-5 \mathrm{~A}(\mathrm{c})$ as if such section applied to all transfers made before January 1, 1984, or the donor may elect to have both interests transferred valued under this section.
(C) ***
*** The donor may elect to value the interest transferred in 1984 under $\S 25.2512-5 \mathrm{~A}(\mathrm{c})$ as if such section
applied to all transfers made before january 1, 1985 , or the donor may elect to have the transfer valued under this section. If the donor elects to value the interest transferred in 1984 under § 25.2512-5A(c), the donor shall indicate that the election is being made by attaching a statement to the donor's gift tax return for 1984. * **
(iii) In all examples set forth in this section, the interest is assumed to have been transferred after November 30. 1983, and before May 1, 1989.
(5) * * *The factor is to be computed on the basis of interest at the rate of 10 percent a year, compounded annually, and life contingencies are determined for each person involved from the values of $b$ that are set forth in column 2 of Table $L N$ in $\$ 20.2031-7 A(d)(6)$ of this chapter. Table IN contains values of $I x$ taken from the life table for the total popalation appearing as Table 1 in United States Life Tables: 1969-71, published by the Department of Health and Human Services. Public Health Service.
(6) Tabjes. (i) For actuarial factors showing the present worth al 10 percent of a single life annuity, a life interest, and a remainder interest postponed for a single life, see $\$ 20.2031-7 A(d)(6)$ of this chapter, Table A, of the Estate Tax Regulations.
(ii) For actuarial factors showing the present worth at 10 percent of an annuity for a term certain, an income interest for a term certain, and a remainder interest postponed for a term certain, see $\$ 20.2031-7 \mathrm{~A}(\mathrm{~d})\{6)$ of this
chapter, Table B, of the Estate Tax Regulstions.

Par. 30. New $\S 25.2512-5$ is added to read as follows:

## \$25.2512-5 Valuation of annulties,

 unitrust interests, interests for ife or term of years, and remainder or reverslonary interests transferred alter April 30, 1989.(a) In general. Except as otherwise provided in paragraph (b) of this section and $\S 25.7520-3$ (b), the fair market value of annuities, unitrust interests, life estates, terms of years, remainders, and reversions transferred by gift is the present value of the interests determined under paragraph (d) of this section. Section 20-2031-7 of this chapter (Estate Tax Regulations) and related sections provide tables with standard actuarial factors and examples that illustrate how to use the tables to compute the present value of ordinary annuity. life, and remainder interests in property. These sections also refer to standard and special actuarial factors that may be necessary to compute the present value of similar interests in more unusual fact situations. These factors and examples are also generally applicable for gift tax purposes in computing the values of taxable gifts.
(b) Commercial annuities and insurance contracts. The value of life insurance contracts and contracts for the payment of annuities issued by companies regularly engaged in their sale is determined under $\$ 25.2512-6$.
(c) Actuarial valuations before May 1. 1989. The present value of annuities, unitrust interests, life estates, terms of years, remainders, and reversions transferred by gift before May 1, 1959. is deternined under the following sections:

| Aller | Transters |  | Applisabte |
| :---: | :---: | :---: | :---: |
|  | Before | Regukations |  |
|  | Jan. 1, 1952 .............................-......... | 25.2512-5A(a) ...-.....................-......... | - -............... |
| Dec. 31, 1951 .-.................................... |  |  | $\ldots$ |
| Dec. 31, 1370 ..................................... | Dec. 1, 1983 ....................................... | 25.2512-5A(0) .................................. | $\cdots$ |
| Dec. 30. i 383 ..................................... | May 1, 1929 .......................................- | 25.25!2-5A.(\$) ................................... | ................. |

(i) Actuarial valugtions after April 30, 1930-(1) In general. Except as otherwise provided in paragraph (b) of this section and $\$ 25.7520-3(\mathrm{~b}$ ) (relating to exceptions io the use of prescribed tables under cestain circumstancos), if the valuation date for the gift is after April 30, 1989, the fair narket value of ennuities, life estates, terms of years, remainders, and reversions transferred after April 30, 1989, is the present value of such interests determined by use of standard or special section 7520
actearial factors. These factors are derived by using the appropriate section 7520 interest rate and, if applicable. the mortality component for the valuation date of the interest that is being valued. See $\$ 5$ 25.7520-1 through 25.7520-4. The fair market value of a qualified annuity interest described in section $27 C 2(4)(1)$ and a qualified unitrust inierest described in section 270ء(b)(2) is the present value of such interests determined under $\$ 25.7520-1(\mathrm{c})$.
(2) Specific interests. When the denor trensfers property in trust or otherwise and retains on interest therein, generally, the value of tie gift is the value of the property tazsiored lews the value of the donor's resained interect. However, if the donor transies proproy zfter Oeteber 5,1596 , to or fe: the tencít of a member of the doner's tamily, the value of the gift is the value of the property transfored less the valus? of the donor's retained interest as determined under section 2762 . If the
dionor assigns or relinquishes an annuity life estate. renainder, or reversion that the donor holds by virtue of a transfer previously made by the donor or another, the value of the gift is the value of the interest transferred. However, see section 2519 for a special sule in the case of the assignment of an income interest by a person who received the interest from a spouse.
(i) Charitable remainder trusts. The fair market value of a remainder interest in a pooled income fund, as defined in § 1.642 (c) -5 of this chapter (Incorne Tax Regulations), is its value determined under $\$ 1.642(\mathrm{c})-6(\mathrm{e})$ of this chapter The fair market value of a remainder interest in a charitable remainder annuity trust, as described in § 1.664 2(a) of this chapter, is its present value determined under $\$ 1.664-2(\mathrm{c})$ of this chapter. The fair market value of a remainder interest in a charitable remainder unitrust, as defined in \$ $1.664-3$ of this chapter. is its present value determined under § $1.664-4(\mathrm{e})$ of this chapter. The fair market value of a life interest or term for years in a charitable remainder unitrust is the fair market value of the property as of the date of transfer less the fair market value of the remainder interest, determined under \$1.664-4(e) of this chapter
(ii) Ordinary remainder and reversionary interests. If the interest to be valued is to take effect after a definite number of years or after the death of one individual, the present value of the interest is computed by multiplying the value of the property by the appropriate remainder interest actuarial factor (that corresponds to the applicable section 7520 interest rate and remainder interest period) in Table B (for a term certain) or Table $S$ (for one measuring life), as the case may be. tables $B$ and $S$ are included in $\$ 20.2031-7(d)$ is) of this chapter (Estate Tax Regulations) and in Internal Revenue Service Publication 1.557. For information about obtaining actuarial factors for other types of remoinder interests, see paragraph (d)(4) of tinis section.
(ii) Ordinary term-of-lents and life interests. If the interest to be valued is the rught of a person to reccive the incone of certain property. or to use cerain nonincome-producing property, for a term of years or fortha life of one individual, the present watue of the interest is computed by maltiplying the value of the property by the appropriate term-of-years or life interest actuarial factor fthet corresponds to the applicable section 7520 interest rate and term-olyears or life interest period). Intemal Revenue Scrvice Publication 1457 includes actuarial factors for an interest for a term of years in Table B
and for the life of one individual in Table S. However, term-of-years and life interest actuarial factors are not included in Table B or Table.S in § 20.2031-7(d)(6) of this chapter. If Internal Revenue Service Publication 1457 for any other reliable source of term-of-years and life interest actuarial factors) is not conveniently available, an actuarial factor for the interest may be derived mathematically. This actuarial factor may be derived by subtracting the correlative remainder factor fthat corresponds to the applicable section 7520 interest rate and the term of years or the life) in Table $B$ (for a term of years) or in Table $S$ (for the life of one individual) in $\$ 20.2031-7(\mathrm{~d})(6)$, as the case may be, from 1.000000 . For information about obtaining actuarial factors for other types of term-of-years and life interests, see paragraph (d)(4) of this section.
(iv) Annuities. (A) If the interest to be valued is the right of a person to receive an annuity that is payable at the end of each year for a term of years or for the life of one individual, the present value of the interest is computed by multiplying the aggregate amount payable annually by the appropriate annuity actuarial factor (that corresponds to the applicable section 7520 interest rate and annuity period). Internal Revenue Service Publication 1457. includes actuarial factors in Table $B$ (for an annuity payable for a term of years) and in Table S (for an annuity payable for the life of one individual). However, annuity actuarial factors are not included in Table B or Table S in § $20.2031-7(\mathrm{~d})(6)$ of this chapter. If Internal Revenue Service Publication 1457 (or any other reliable source of annuity actuarial factors) is not conveniently available, an annuity factor for a term of years or for one hife. may be derived mathematically. This annuity factor may be derived by subtracting the applicable remainder factor (that corresponds to the applicable section 7520 interest rate and annuity period) in Table B (in the case of a term-of ears annuity) or in Table $S$ (in the case of a one-life anauity) in $\$ 20.2031-7(\mathrm{~d})(6)$, as the case may be, from 1.000000 and then dividing the result by the applicable section 7520 interest rate expresend as a decimal number. See $\$ 20.2031-7(f)(2)(\mathrm{iv})$ of this chapter for an example that illustrates the computation of the present value of an annuity.
(B) If the annuity is payable at the end of semiannual. quarterly, monthly, or weekly periods. the product obtained by multiplying the annuity factor by the aggregate amount payabte annually is then multiplied by the applicable
adjustment factor set forth in Table $K$ in $\S 20.2031-7(d)(6)$ of this chapter at the appropriate interest rate component for payments made at the end of the specified periods. The provisions of this paragraph (d)(2)(iv)(B) are illustrated by the following example:

Evanple On July 1. 1989, the donor istees to pay the annuitant the sum of $\$ 10,000$ per year, payable in equal semiannual instalments at the end of each period. The semiannual installments are to be made on tach December 31st and june 30th. The annuity is payoble until the annuitant's death. On July 1. 1989. the annuitant is 68 years and 5 months old. The donee annuitant's ape is taken as 68 for purposes of computing the present value of the retained annuity. The section 7520 rate for July 1959 is 10.6 percent. Under Table S, the factor as 10.6 percent for determining the present value of a remainder interest payable at the death of an individual aged 68 is .31371 Converting the remainder factor to an annuity factor, as described above, the annuity factor for determining the present value of an annuity transferred to an individual age 68 is 6.4744 ( 1.00000 minus .31371 divided by 10.6). The adjustment factor from Table $K$ in the column for payments made at the end of each semiannual period at the rate of 10.6 percent is 1.0258. The aggregate annual amount of the-annuity, 510.000 , is muttiplied by the factor 6.4744 and the product multiplied by 1.0258. The present value of the annuity beneficiary's interest is. therefore. S66.it 4 ( $\$ 10,000 \times 6.4744 \times 1.0258$ ).
(C) If an annuity is payable at the begirning of annual, semiannual. quarterly, monthly, or weekly peziods for a term of years, the value of the annuity is computed by multiplying the aggregate amount payable annually by the annuity factor described in paragraph (d)(2)(iv)(A) of this section: and the product so obtained is then multiplied by the adjustment factor in Ta3le ; in § 20.2031-7(d)(6) of this chapter at the appropriate interesi rate component for payments made at the beginning of specified periods. Ifen annuity is payabie at the beginning of annual, semiannaal, quarterly, monthly, or weekly periods for one or more lives, the value of the annuity is the sum of the first payment phus the present value of a similar anauity, the first payment of which is not to be made until the end of the payment perion, determined as provided in 1 arasraph (d)(2)(iv)(B) of this section.
(v) Annuity and enitrust interests for a term of ypars or until the prior death of an individual-(A) Annuity interests. The present value of an annuity interest that is payable until the earlier to occur of the lapse of a specific number of years or the death of an individual may be computed with values from the tables
in 20.2031-7(d)(6) as described in the following example:
Example. On lanuary 1, 1991, the donor transfers 5100.000 into a trust and retains the right to receive an annuity from the trust in the amount of $\$ 6,000$ per year. payable in equal semiannual installments at the end of each period. The semiannual instaliments are to be made on each june 30th and December 31st. The annuity is payable for 10 years or
until the donor's prior death. On januery 1. Table $S$ value at 9.8 percent. 1991. the donor is 59 years and 6 months old. The donar's age is taked as 60 for purposes of computing the present vatue of the retained annuity. The section 7520 rete for January 1991 is 9.8 percent. The present value of the annuity beaeliciary's interst is $\$ 35,424.00$, determined as follows:
Table S value at 9.8 percent. age 60 $\qquad$ .23158

| Table $S$ value at 9.8 percent. age 30 $\qquad$ | -36468 |
| :---: | :---: |
| Table BOCNSMT value at age |  |
|  | . 68 |
| Toble 80 CNSMT value at age |  |
| 60 …............................. | . 837 |
| able B value at 9.8 percent, 10 |  |
|  | 392 |
|  | 1.023 |

Factor for annuity beneficiary's interest at 0.8 percent:

$$
(1.00000-.23158)-(.392624 \times(68248 / 83726) \times(1.00000-.36468))=5.7662
$$

Present value of annuity beneficiary's interest:
( $56,000 \times 5.7562 \times 1.0239$ ) ...... $\$ 35,424.07$
(B) Unitrust interests. The present value of a unitrust interest that is payable until the earlier to occur of the lapse of a specific number of years or the death of an individual may be computed with velues from the tables in $\$ 1.664-f(\mathrm{e})(\mathrm{c})$ as described in the following example:
Exumple. The donor who, as of the mearest birthday, is 60 years old transfers $\$ 100,000$ to a unilfust on lanuary 1, 1991. The trust instrument requires that each year the trust pay to the donor, in equal semiannual installments on June 30th and December 31 st, 6 percent of the fair market vaiue of the trust assets, valued as of January 1 st each
year, for 10 years or until the prior death of the donor. The section 7520 rate for January 1991 is 9.8 percent. Under Table $F(9.8)$, the appropriate adjustment factor is .932539 for semiannual payments payable at the end of the semiantual period. The adjusled payout rate is 5.595 percent ( $6 \% \times \mathbf{8 3 2 5 3 9}$ ). The present value of the unitrust beneniciary's interest is $\$ 40,495.00$ determined as fallows:
Table U(1) value at 5.6 percent. age 60 $\qquad$ . 37017
Table $U(1)$ value at 5.6 percent, age 70
Table 8OCNSMT value at age 70 ........................................
Table BOCNSMI value at age Table D value at s .6 percent.......................... 10 years $\qquad$ 561979

Factor for the unitrust beneficiary's interest at 5.6 percent:
(1.000000-.37017)-\{.501979x(68240)
$83726) \times(1.000000-.50971))=.40523$
Tabie Uifl value at 5.4 percent, age 60
Table $U(1)$ value at 5.4 percent, age 20
. 52086
Toble soCNSMT value at age 70
.68248
Table boCNSMT value al age
60 ......................................... -83726
Table D value at 5.4 percent, 10 years
.573999
Factor for the umitrust benefitiary's interest at 5.4 percent:

$$
\begin{gathered}
(1.000000-.38183)-\left(.573999 \times(68248 / 83726 \times(1.000000-.52086))=\frac{.39399}{.01124}\right. \\
\text { Difference } \ldots
\end{gathered}
$$

Interpolation adjustmene

$$
\begin{aligned}
\frac{5.595 \%-5.4 \%}{0.2 \%} & =\frac{x}{.01124} \\
x & =.01096
\end{aligned}
$$

Factor at 5.4 percent, age 60 .
Pjus: Interpolation edjust-
ment ..................................
Interpolated Factor
Present value of
beneficiary's
unitrust
inlerest:
( $5100,000 \times .40495$ )
Inlercst:
$\$ 40,495.00$
(3) Transitional nile. (i) If the valuation date of a trensfer of an interest in property by gift is afler April 30 . 1989, and before June 10. 1994, a donor can rely on Notice 89-24. 1983-1C.B. 650, or Notice 89-60, 1989-1 C.B. 700 , in valuing the transferred interest. (See §601.601(d)(2)(ii)(b) of this chapter.)
(ii) If a donor transferred an interest in property by gift after December 31, 1938, and before May 1. 1989, retaining an interest in the same property. and after April 30, 1989 , and before Jamary 1,1930, transferred the retained interest
in property, the donor may, at the option of the donor, value the transfer of the retained interest under this section or under $\$ 25.2512-5 A(d)$.
(4) Publications and actuarial computations by the Internal hevenue Senice. Many standard actuarial factors not included in $\$ 20.2031-7$ (d) (6) of this chapter are included in laternal Revanue Service Publication 1457. "Actuarial Values, Alpha Volume," (889). Internal Revenue Service Publicetion 1457 also includes examples that illustrate how to compute many special factors for more ehesual situotions. A copy of this pululication may be purchased from the Superintendent of Documents, United States Government Printing Office, Washingion. DC 20402. If a special factor is required in the case of a completed gift, the Service may furnish
the factor to the donor upon a request for a ruling. The request for a ruling must be accompanied by a recitation of the facts including a statement of the date of birth for each measuring life, the date of the gift, any other applicable dates, and a copy of the will, trast, or other relevant documents. A request for a ruting must comply with the instructions for requesting, a ruling published periodically in the Intertal Revenue Bulletin (see 55601.201 and $601.601(\mathrm{~d})(2)(\mathrm{ii})(b)$ of this chapter) and include payment of the required user fee.
(e) Effective date. This saction ; effective as of May 1, 1989.

## §25.2512-9 [Femoved]

Par. 31. Section 25.2512-9 is removed.

Par. 32. Section 25.2515-2. paragraph (c) is amended by revising the first and last sentences to read as follows:
§ 25.2515-2 Tenancies by the entirety: transfers treated as gifts; manner of election and valuation.
(c) Factors representing the respective interests of the spouses, under a tenancy by the entirety, at their attained ages at the time of the transaction may be readily computed based on the method described in $\$ 25.2512-5$. * * * See $\S 25.2512-5$ (d)(4) for the procedure for obtaining special factors from the Intemal Revenue Service in appropriate cases.

Par. 33. Section 25.2522 (a)-2(a) is amended by revising the fifth sentence to read as set forth below, and by removing the fourth sentence.
$\$ 25.2522$ \{a)-2 Transfers not exciusively for charitable, etc., purposes in the case of gitts made belore August 1, 1969.
\{a\} * * If the interest involved is such that its value is to be determined by a special computation, see $\S 25.2512-$ 5(d) 4 (4). *-**

Par. 34. Section 25.2522 (c)-3. paragraph (d)(3) is revised to read as follows:
525.2522 (c)-3 Transfers not exclusively for charitable, etc., purposes in the case of gifts made after July 31, 1969.
(d) * * *
(3) Other transfers. The present value of an interest not described in paragraph (d)(2) of this section is to be determined under §25.2512-5.

Par. 35. Immediately following § 25.7101-1. an undesignated center heading and $\$ \S 25.7520-1$ through 25.7520-4 are added to read as follows:

## General Actuarial Valuations

§ 25.7520-1 Valuation of annuities, unltrust interests, interests for Ife or term of years, and remalnder or reverslonary interests.
(a) General actuarial valuations. (1) Except as otherwise provided in this section and in $\S 25.7520-3$ (b) (relating to exceptions to the use of prescribed tables under certain circumstances), in the case of gifts made after April 30, 1989, the fair market value of annuities, interests for life or for a term of years (including unitrust interests). remainders, and reversions is their present value determined under this section. See $\$ 20.2031-7(d)$ land, for certain prior periods, $\$ 20.2031-7 \mathrm{~A}$ ) of
this chapter. Estate Tax Regulations, for the computation of the value of annuities, unitrust interests, life estates, terms of years, remainders, and reversions, other then interests described in paragraphs (a)(2) and (a)(3) of this section.
(2) In the case of a gift to a beneficiary of a pooled income fund after April 30, 1989, see $\S 1.642$ (c)-6(e) (or, for cẹrtain prior periods, $\$ 1.642(\mathrm{c})-6 \mathrm{~A})$ of this chapter (Income Tax Regulations) with respect to the valuation of the remainder interest.
(3) In the case of a gift to a beneficiary of a charitable remainder annuity trust after April 30, 1989, see § 1.664-2 of this chapter with respect to the valuation of the remainder interest. See § 1.664-4 (or, for certain prior periods, § $1.664-4 \mathrm{~A}$ ) of this chapter (Income Tax Regulations) with respect to the valuation of the remainder interest in property transferred to a charitable remainder unitrust.
(b) Components of valuation-(1) Interest rate component- (i) Section 7520 Interest rate. The section 7520 interest rate is the rate of return. rounded to the nearest two-tenths of one percent, that is equal to 120 percent of the applicable Federal mid-term rate, compounded annually, for purposes of section 1274(d)(1), for the month in which the valuation date falls. In rounding the rate to the nearest twotenths of a percent, any rate that is midway between one two-tenths of a percent and another is rounded up to the higher of those two rates. For example, if 120 percent of the applicable Federal mid-term rate is 10.30, the section 7520 interest rate component is 10.4. The section 7520 interest rate is published monthly by the Internal Revenue Service in the Internal Revenue Bulletin (See
§601.601(d)(2)(ii)(b) of this chapter).
(ii) Valuation date. Generally. the valuation date is the date on which the gift is made. For gift tax purposes, the valuation date is the date on which the gift is complete under $\$ 25.2511-2$. For special rules in the case of charitable transfers, see § $25.7520-2$.
(2) Mortality component. The mortality component reflects the mortality data most recently available from the United States census. As new mortality data becomes available after each decennial census, the mortality component described in this section will be revised periodically and the revised mortality component tables will be published in the regulations at that time. For gifts with valuation dates after April 30, 1989, the mortality component table (Tible BOCNSMT) is contained in $\$ 20.2031-7(\mathrm{~d})$ of this chapter (Estate

Tax Regulations). See $\$ 20.2031-7 \mathrm{~A}$ of this chapter for mortality component tables applicable to gifts before May 1. 1989.
(c) Tables. The present value on the valuation date of an annuity. life estate. term of years, remainder, or reversion is computed by using the section 7520 interest rate component that is described in paragraph (b)(1) of this section and the mortality component that is described in paragraph (b)(2) of this section. Actuarial factors for determining these present values are included in tables in these regulations and in publications by the Internal Revenue Service. If a special factor is required in order to value an interest. the Internal Revenue Service will furnish the factor upon a request for a ruting. The request for a ruling must be accompanied by a recitation of the facts, including the date of birth for each measuring life and copies of relevant instruments. A request for a ruling must comply with the instructions for requesting a ruling published periodically in the Internal Revenue Bulletin (see Rev. Proc. 94-1, 1994-1 I.R.B. 10, and subsequent updates, and §§ 601.201 and $601.601(\mathrm{~d})(2)(\mathrm{ii})(b)$ of this chapter) and include payment of thie required user fee.
(1) Regulation sections containing fables with interest rates between 4.2 and 14 percent. Section $1.642(\mathrm{c})-6[\mathrm{e})(4]$ of this chapter contains Table $S$ used for determining the present value of a single life remainder interest in a pooled income fund as defined in $\$ 1.642$ (c)-5 of this chapter (Income Tax Regulations). Secticn 1.664-4(e)(6) of this chapter contains Table D lactuarial factors used in determining the present value of a remainder interest postponed for a term of years). Table $U(1)$ (actuarial factors for one life), and Table $F$ (payout factors) used in determining the present value of a remainder interest in a charitable remainder unitrust as defined in § 1.664-3 of this chapter. Section 20.2031-7(d)(6) of this chapter (Estate Tax Regulations) contains Table S (actuarial factors for one life), Table B (actuarial factors used in determining the present value of an interest for $a$ term of years). Table K (annuity end-ofinterval adjustment factors), Table f (term certain annuity beginning-ofinterval adjustment factors), and Table 80CNSMT (mortality components) used in determining the present value of annuities, life estates, remainders, and reversions. The regulations will be revised periodically to include new mortality component tables and new tables of factors.
(2) Internal Revenue Service publications containing tables with
interest rates between 2.2 and 26 percent. The following documents (except for Publication 1459) have been published for sale by the Superintendent of Documents, United States Government Printing Office, Washington, DC, 20402: .
(i) Internal Révenue Service Publication 1457; "Actuarial Values. Alpha Volume," (8/89). This publication includes tables of valuation factors, as well as examples that show how to compute other valuation factors, for determining the present value of . annuities, life estates; terms of years, remainders, and reversions, measured by one or two lives. These factors may also be used in the valuation of interests in a charitable remainder annuity trust as defined in §1.664-2 of this chapter. (Income Tax Regulations) and a pooled income fund as defined in $\$ 1.642$ (c)-5.
(ii) Internal Revenue Service Publication 1458, "Actuarial Values, Beta Volume," (8/89). This publication includes term certain tables and tables of one and two life valuation factors for determining the present value of remainder interests in a charitable remainder unitrust as defined in § 1.664-3 of this chapter.:
(iii) Intermal Revenue Service Publication 1459,"Actuarial Values. Gamma Volume," (8-89) is no longer available for purchase from the

- Superintendent of Documents. However, it may be obtained by requesting a copy from:
CC:DOM:CORP:T:R (IRS Publication 1459), room 5228, Intemal Revenue Service, POB 7604 , Ben Franklin Station, Washington, DC 20044. This publication includes tables for computing depreciation adjustment factors. See § 1.170A-12 of this chapter (Income Tax Regulations).
(d) Effective date. This section is effective as of May 1, 1989.


## §25.7520-2 Valuation of charitable

 interests.(a) In general-(1) voluation. Except as otherwise provided in this section and in $\S 25.7520-3$ (relating to exceptions to the use of prescribed tables under certain circumstances), the fair market value of annuities, interests for life or for a term for years, remainders, and reversions for which a gift tax charitable deduction is allowable is the present value of such interests determined under $\S 25.7520-1$.
(2) Prior-month election rule. If any part of the property interest transferred qualifies for a gift tax charitable deduction under section 2522, the donor may elect to compute the present value of the interest transferred by use of the section 7520 interest rate for the
month during which the gift is made or the section 7520 interest rate for either of the 2 months preceding the menth during which the gift is made.
Paragraph (B) of this section explains how a prior-month election is made. The interest rate for the month so elected is the applicable section 7520 interest rate. If the actuarial factor for either or both of the 2 months preceding the month during which the gift is made is based on a mortality experience that is different from the mortality experience at the date of the gift and if the donor elects to use the section 7520 rate for a prior month with the different mortality experience, the donor must use the actuarial factor derived from the mortality experience in effect during the month of the section 7520 rate elected. All actuarial computations relating to the gift must be made by applying the interest rate component and the mortality component of the month elected by the donor.
(3) Gifts of more than one interest in the some property. If a donor makes a gift of more than one interest in the same property at the same time, the donor must, for purposes of valuing the gifts, use the same interest rate and mortality components for the gift of each interest in the property. If the donor has made gifts of more than one interest in tho same property at different times, the donor must determine the value of the gift by the use of the interest rate component and mortality component in effect during the month of that gift or, if applicable under paragraph (a)(2) of this section, either of the two months preceding the month of the gift.
(4) Information required with tox return. The following information must be attached to the giff tax return for to the amended return) if the donor claims a charitable deduction for the present value of a temporary or remainder interest in property-
(i) A complete description of the interest that is transferred, including a copy of the instrument of transfer;
(ii) The valuation date of the transfer:
(iii) The names and identification numbers of the beneficiaries of the transferred interest;
(iv) The names and birtidates of any measuring lives, a description of any relevant terminal illness condition of any measuring life, and (if applicable) an explanation of how any terminal illness condition was taken into account in valuing the interest; and
(v) A computation of the deduction showing the applicable section 7520 interest rate that is used to value the transferred interest.
(5) Place for filing returns. See section 6091 of the Internal Revenue Code and the regulations thereunder for the place for filing the return or other document required by this section.
(b) Election of interest rote component-(1) Time for making election. A taxpayer makes a priormonth election under paragraph (a) (2) of this section by attaching the information described in paragraph (b)(2) of this section to the donor's gift tax return or to an amended retum for that year that is filed within 24 months after the later of the date the original return for the year was filed or the due date for filing the return.
(2) Manner of making election. A statement that the prior-month election under section 7520(a) of the Internal Revenue Code is being made and that identifies the elected month must be attached to the gift tax return for to the amended return).
(3) Revocability. The prior-month election may be revoked by filing an amended return within 24 months after the later of the date the original return of tax for that year was filed or the due date for filing the return. The revocation must be filed in the place referred to in paragraph (8)(5) of this section.
(c) Effective dates. Paragraph (a) of this section is effective as of May 1, 1989. Paragraph (b) of this section is effective for elections made after June 10, 1994.
\$25.7520-3 Limitation on the application of section 7520.
(a) Internal Revenue Code sections to which section 7520 does not apply. Section 7520 of the Internal Revenue Code does not apply for purposes of-
(1) Part 1, subchapter D of subtitle A (section 401 et. seq.), relating to the income tax treatment of certain qualified plans. (However, section 7520 does apply to the estate and gift tax treatment of certain qualinied plans and for purposes of determining excess accumulations under section 4980 A );
(2) Sections 72 and 101 (b), relating to the income taxation of life insurance, endowment, and annuity contracts, unless otherwise provided for in the regulations under sections 72, 101, and 1011 (see, particularly, \$5 1.1012(e)(1)(iii)(b)(2), and 1.1011-2(c), Example 8);
(3) Sections 83 and 451, unless otherwise provided for in the regulations under those sections;
(4) Section 457, relating to the valuation of deferred compensation. unless otherwise provided for in the regulations under section 457;
(5) Sections 3121 (v) and 3306(r), relating to the valuation of deferred
amounts, unless therwise provided for in the regulations under those sections.
(6) Section 6058 . relatirg to valuation staternents evidencing compliante with qualified plan requirements. unless otherwise provided for in the regulations under section 6058 ;
( 7 ) Section 7872 , relating 10 incorme and gift taxation of interesi-free loans and loans with below-market interest rates, unless otherwise provided for in the regulations under section 7872; or
( 8 ) Section $2702(\mathrm{a})(2)(\mathrm{A})$, relating to the value of a monqualified retained interest upon a transjer of an interest in trust to or for the benefit of a mernber of the transferor's family: and
(9) Any other section of the Intemal Revenue Code to the extent provided by the Intems? Reverue Servire in revenue rulings or revenue procedures. ISee $\$ \$ 601.201$ and 602.601 of this chapter\}. (b) Other limitations on the ipplication of section 7520 . \{reserved]
(c) Effective date. Section $25.7520-$ 3 (a) is effective as of May 1, 1989.
§25.7520-4 Jransitional rules.
(a) Fefiance. it the valtration date is afier April 30, 1989, and before iune 10. 1994. a donor can rely on Notice 89-24. 1989-3 C.B. 660, or Notice 89-60, 19891 CB 700 (See $5601.601\{\mathrm{dM}(2)(i \mathrm{i})(\mathrm{b})$ of
this chapter), in valuing the transforred interest.
(b) Tronsfers in 1989 . If a donor translerred an interest in property by gift after December 31. 1988, and belore May 1. 1989. relaiping an interest in the same property and, alter April 30. 1989. and befure january 1, 1990, trunsferred the retained interest in the property. the donormay, at the donor's option, value the transfer of the relained interest under either \$ $25.2512-5(d)$ or § $25.2512-5 A(\mathrm{~d})$.
(c) Effective dute. This section is eflective as of May 1. 7989.

## PART 602-OMB CONTROL NUMBERS UNDER THE PAPERWORK REDUCTION ACT

Par. 36. The authority citation for part 602 continues to read as follows:

## Authority: 26 U.S.C. 7505.

Par. 37. Secion $602.101(\mathrm{c})$ is amended by adding entries in numerical order to the table to read as follows:

## §602.101 OMB Control numbers.

(c) * **

| CFR pat or section where soentiled and oescribed | Current OnB Cont trol No. |
| :---: | :---: |
| - - . . | - |
| 1.7520-1 .............................. | 1545-1343 |
| ¢.7520-2 ............................. | 1545-1343 |
| 1.7520-3 ............................. | 1545-1343 |
| 1.7520-4...... | 1545-1343 |
| - - . . | - |
| 20.7520-1 ............................ | 1545-1343 |
| 20.7520-2 | 1545-1343 |
| 20.7520-3 | 1545-1343 |
| 20.7520-4 ...-.-.......... | 1545-1343 |
| - . - . | - |
| 25.7520-1 ...---..................... | 1545-1343 |
| 25.7520-2 | 1545-1343 |
| 25.7520-3 | 1545-1343 |
| 25.7520-4 ............................. | 1545-13<3 |
| - - • • | - |

Margarel Milner Richardson.
Commissioner of Internal Revenue.
Approved: March 28. 1994.

## Lestie Samaels.

Assistont Serretary of the Treasury: |FR Doc. 94-12294 filed 6-9-94: 8:45 amp
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