Table of Contents

18.07.02 – Recognition of New Annuity Mortality Tables for Use in Determining Reserve Liabilities for Annuities and Pure Endowment Contracts

| 000. Legal Authority. | 2 |
|--|---|
| 001. Title And Scope. | 2 |
| 002. Written Interpretations. | |
| 003. Administrative Appeals. | 2 |
| 004. Incorporation By Reference. | 2 |
| 005. Office - Office Hours - Mailing Address, Street Address And Web Site. | 2 |
| 006. Public Records Act Compliance. | 3 |
| 007 009. (Reserved) | 3 |
| 010. Definitions. | 3 |
| 011. Individual Annuity Or Pure Endowment Contracts. | 4 |
| 012. Group Annuity Or Pure Endowment Contracts. | 4 |
| 013. Formula | 4 |
| 014. Application of the 2012 IAR Mortality Table. | |
| 015. Severability. | |
| 016 999. (Reserved) | |

IDAPA 18 TITLE 07 CHAPTER 02

18.07.02 – RECOGNITION OF NEW ANNUITY MORTALITY TABLES FOR USE IN DETERMINING RESERVE LIABILITIES FOR ANNUITIES AND PURE ENDOWMENT CONTRACTS

000. LEGAL AUTHORITY.

The statutory authority for this rule is Title 67, Chapter 52, Idaho Code, and Idaho Code, Sections 41-211 and 41-612. (3-29-12)

001. TITLE AND SCOPE.

01. Title. This rule is titled IDAPA 18.07.02, "Recognition of New Annuity Mortality Tables for Use in Determining Reserve Liabilities for Annuities and Pure Endowment Contracts." (3-29-12)

02. Scope. The purpose of this rule is to recognize the following mortality tables for use in determining the minimum standard valuation for annuity and pure endowment contracts: the 1983 Table 'a,' the 1983 Group Annuity Mortality (1983 GAM) Table, the 1994 Group Annuity Reserving (1994 GAR) Table, the Annuity 2000 Mortality Table, and the 2012 Individual Annuity Reserve (2012 IAR) Table. (4-11-15)

002. WRITTEN INTERPRETATIONS.

In accordance with Section 67-5201(19)(b)(iv), Idaho Code, this agency may have written statements which pertain to the interpretation of this rule, or to the documentation of compliance with this rule. These documents will be available for public inspection and copying in accordance with the Idaho Public Records Law, Title 74, Chapter 1, Idaho Code. (3-29-12)

003. ADMINISTRATIVE APPEALS.

All administrative appeals will be governed by Title 41, Chapter 2, Idaho Code, and the Idaho Administrative Procedure Act, Title 67, Chapter 52, Idaho Code, and IDAPA 04.11.01, "Idaho Rules of Administrative Procedure of the Attorney General." (3-29-12)

004. INCORPORATION BY REFERENCE.

This rule incorporates by reference four (4) separate mortality tables. These mortality tables are: (3-29-12)

01. 1983 Table A. A table developed by the Society of Actuaries Committee to Recommend a New Mortality Basis for Individual Annuity Valuation and shown on page 708 of Volume 33 of the Transactions of Society of Actuaries 1981 and adopted as a recognized mortality table for annuities in June 1982 by the National Association of Insurance Commissioners. http://www.soa.org/library/research/transactions-of-society-of-actuaries/1981/january/tsa81v3325.pdf, Page 708 (3-29-12)

02. 1983 GAM (Group Annuity Mortality) Table. A mortality table developed by the Society of Actuaries Committee on Annuities and shown on pages 880-881 of Volume 35 of the Transactions of Society of Actuaries 1983 and adopted as a recognized mortality table for annuities in December 1983 by the National Association of Insurance Commissioners. http://www.soa.org/library/research/transactions-of-society-of-actuaries/1983/january/tsa83v3527.pdf, Pages 880 – 881 (3-29-12)

03. 1994 Group Annuity Reserving (GAR) Table. A mortality table developed by the Society of Actuaries Group Annuity Valuation Table Task Force and shown on pages 866-867 of Volume 47 of the Transactions of Society of Actuaries 1995. http://www.soa.org/library/research/transactions-of-society-of-actuaries/1990-95/1995/ january/tsa95v4722.pdf, Pages 886 - 887 (3-29-12)

04. Annuity 2000 Mortality Table. The mortality table developed by the Society of Actuaries Committee on Life Insurance Research and shown on page 266 of Volume 47 of the Transactions of Society of Actuaries 1995 – 96 Reports. http://www.soa.org/library/research/transactions-reports-of-mortality-moribidity-and-experience/1990-99/1995/january/TSR9510.pdf, Page 266 (3-29-12)

005. OFFICE – OFFICE HOURS – MAILING ADDRESS, STREET ADDRESS AND WEB SITE.

Section 000

IAC Archive 2019 C2

| 01. | Office Hours. 8 a.m. to 5 p.m. except weekends and legal holidays. | (3-29-12) |
|-----|---|-----------|
| 02. | Mailing Address. P.O. Box 83720, Boise, ID 83720-0043. | (3-29-12) |
| 03. | Street Address. 700 West State Street, 3rd Floor, Boise, Idaho 83720-0043. | (3-29-12) |
| 04. | Web Site Address. The department's web address is http://www.doi.idaho.gov. | (3-29-12) |

006. PUBLIC RECORDS ACT COMPLIANCE.

Any records associated with this rule are subject to the provisions of the Idaho Public Records Law, Title 74, Chapter 1, Idaho Code. (3-29-12)

007. -- 009. (RESERVED)

010. **DEFINITIONS.**

01. 1983 Table 'a'. As used in this rule "1983 Table 'a'" means that mortality table developed by the Society of Actuaries Committee to Recommend a New Mortality Basis for Individual Annuity Valuation and shown on page 708 of Volume 33 of the Transactions of Society of Actuaries 1981 and adopted as a recognized mortality table for annuities in June 1982 by the National Association of Insurance Commissioners. (3-29-12)

02. 1983 GAM Table. As used in this rule "1983 GAM Table" means that mortality table developed by the Society of Actuaries Committee on Annuities and shown on pages 880-881 of Volume 35 of the Transactions of Society of Actuaries 1983 and adopted as a recognized mortality table for annuities in December 1983 by the National Association of Insurance Commissioners. (3-29-12)

03. 1994 GAR Table. As used in this rule "1994 GAR Table" means that mortality table developed by the Society of Actuaries Group Annuity Valuation Table Task Force and shown on pages 866-867 of Volume 47 of the Transactions of Society of Actuaries 1995. (3-29-12)

04. 2012 Individual Annuity Mortality Period Life (2012 IAM Period) Table. As used in this rule, the "2012 Individual Annuity Mortality Period Life Table" or the "2012 IAM Period" means the Period table containing loaded mortality rates for calendar year 2012. This table contains rates, q_x^{2012} , developed by the Society of Actuaries Committee on Life Insurance Research and is shown in Appendices I and II. (4-11-15)

05. 2012 Individual Annuity Reserving (2012 IAR) Table. As used in this rule, the "2012 Individual Annuity Reserving Table" or the "2012 IAR" means the generational mortality table developed by the Society of Actuaries Committee on Life Insurance Research and containing rates, q_x^{2012+h} derived from a combination of the 2012 IAM Period table and Projection Scale G2, using the methodology stated in Section 014. (4-11-15)

06. Annuity 2000 Mortality Table. As used in this rule "Annuity 2000 Mortality Table" means that mortality table developed by the Society of Actuaries Committee on Life Insurance Research and shown on page 266 of Volume 47 of the Transactions of Society of Actuaries 1995 – 96 Reports. (3-29-12)

07. Generational Mortality Table. As used in this rule, "generational mortality table" means a mortality table containing a set of mortality rates that decrease for a given age from one year to the next based on a combination of a period table and a projection scale containing rates of mortality improvement. (4-11-15)

08. Period Table. As used in this rule, "period table" means a table of mortality rates applicable to a given calendar year (the Period). (4-11-15)

09. Projection Scale G2 (Scale G2). As used in this rule, "projection scale G2" is a table of annual rates, G_{2x} , of mortality improvement by age for projecting future mortality rates beyond calendar year 2012. This table was developed by the Society of Actuaries Committee on Life Insurance Research and is shown in Appendices 3 and 4. (4-11-15)

Section 006

IDAPA 18.07.02 – Reserve Liabilities for Annuities & Pure Endowment Contracts

011. INDIVIDUAL ANNUITY OR PURE ENDOWMENT CONTRACTS.

01. Individual Annuity Mortality Table. Except as provided in Subsections 011.02 and 011.03, of this rule, the 1983 Table 'a' is recognized and approved as an individual annuity mortality table for valuation and, at the option of the company, may be used for purposes of determining the minimum standard of valuation for any individual annuity or pure endowment contract issued on or after July 1, 1982. (3-29-12)

02. Minimum Standard for Valuation. Except as provided in Subsection 011.03 of this rule, either the 1983 Table 'a' or the Annuity 2000 Mortality Table shall be used for determining the minimum standard of valuation for any individual annuity or pure endowment contract issued on or after January 1, 1987. (3-29-12)

03. The Annuity 2000 Mortality Table. Except as provided in Subsection 011.04 of this rule, the Annuity 2000 Mortality Table shall be used for determining the minimum standard of valuation for any individual annuity or pure endowment contract issued on or after March 29, 2012. (4-11-15)

04. The 2012 IAR Mortality Table. Except as provided in Subsection 011.05 of this rule, the 2012 IAR Mortality Table shall be used for determining the minimum standard of valuation for any individual annuity or pure endowment contract issued on or after January 1, 2015. (4-11-15)

05. The 1983 Table 'a.' The 1983 Table 'a' without projection is to be used for determining the minimum standards of valuation for an individual annuity or pure endowment contract issued on or after March 29, 2012, solely when the contract is based on life contingencies and issued to fund periodic benefits arising from:

(4-11-15)

a. Settlements of various forms of claims pertaining to court settlements or out of court settlements (3-29-12)

b. Settlements involving similar actions such as workers' compensation claims; or (3-29-12)

c. Settlements of long term disability claims where a temporary or life annuity has been used in lieu of continuing disability payments. (3-29-12)

012. GROUP ANNUITY OR PURE ENDOWMENT CONTRACTS.

01. Group Annuity Mortality Tables. Except as provided in Subsections 012.02 and 012.03 of this rule, the 1983 GAM Table, the 1983 Table 'a' and the 1994 GAR Table are recognized and approved as group annuity mortality tables for valuation and, at the option of the company, any one (1) of these tables may be used for purposes of valuation for any annuity or pure endowment purchased on or after July 1, 1982, under a group annuity or pure endowment contract. (3-29-12)

02. Minimum Standard of Valuation. Except as provided in Subsection 012.03 of this rule, either the 1983 GAM Table or the 1994 GAR Table shall be used for determining the minimum standard of valuation for any annuity or pure endowment purchased on or after January 1, 1987, under a group annuity or pure endowment contract. (3-29-12)

03 1994 GAR Table. The 1994 GAR Table shall be used for determining the minimum standard of valuation for any annuity or pure endowment purchased on or after the effective date of Subsection 012.03 under a group annuity or pure endowment contract. (3-29-12)

013. FORMULA.

In using the 1994 GAR table, the mortality rate for a person age x in year (1994 + n) is calculated as follows:

 $q_x^{1994+n} = q_x^{1994} (1-AAx)^n$

Where the q_x^{1994} and AA_x s are specific in the 1994 GAR table.

(3-29-12)

Section 011

IAC Archive 2019 C2

014. APPLICATION OF THE 2012 IAR MORTALITY TABLE.

01. Mortality Rate Formula. In using the 2012 IAR Mortality Table, the mortality rate for a person age x in year (2012 + n) is calculated as follows: (4-11-15)

a.
$$q_x^{2012+n} = q_x^{2012} (1 - G2_x)^n$$
 (4-11-15)

b. The resulting q_x^{2012+n} shall be rounded to three (3) decimal places per one thousand (1,000), e.g., 0.741 deaths per one thousand (1,000). The rounding shall occur according to the formula above, starting at the 2012 period table rate. (4-11-15)

02. Mortality Rate Formula Example. For a male age 30, $q_x^{2012}=0.741$: (4-11-15)

a.
$$q_x^{2013} = 0.741 * (1 - 0.010) \land 1 = 0.73359$$
, which is rounded to 0.734. (4-11-15)

$$q_x^{2014} = 0.741 * (1 - 0.010)^2 = 0.7262541$$
, which is rounded to 0.726. (4-11-15)

c. A method leading to incorrect rounding would be to calculate q_x^{2014} as $q_x^{2013} * (1 - 0.010)$, or 0.734 * 0.99 = 0.727. It is incorrect to use the already rounded q_x^{2013} to calculate q_x^{2014} . (4-11-15)

015. SEVERABILITY.

b.

If any provision of this rule or the application thereof to any person or circumstances is for any reason held to be invalid, the remainder of the rule and the ^{application} of such provision to other persons or circumstances shall not be affected thereby. (7-1-93)

016. -- 999. (RESERVED)

| | APPENDIX 1 2012 IAM Period Table Female, Age Nearest Birthday | | | | | | | | | | |
|-----|---|-----|---------------------------------------|-----|---------------------------------------|-----|---------------------------------------|--|--|--|--|
| AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | | | | |
| 0 | 1.621 | 30 | 0.300 | 60 | 3.460 | 90 | 88.377 | | | | |
| 1 | 0.405 | 31 | 0.321 | 61 | 3.916 | 91 | 97.491 | | | | |
| 2 | 0.259 | 32 | 0.338 | 62 | 4.409 | 92 | 107.269 | | | | |
| 3 | 0.179 | 33 | 0.351 | 63 | 4.933 | 93 | 118.201 | | | | |
| 4 | 0.137 | 34 | 0.365 | 64 | 5.507 | 94 | 130.969 | | | | |
| 5 | 0.125 | 35 | 0.381 | 65 | 6.146 | 95 | 146.449 | | | | |
| 6 | 0.117 | 36 | 0.402 | 66 | 6.551 | 96 | 163.908 | | | | |
| 7 | 0.110 | 37 | 0.429 | 67 | 7.039 | 97 | 179.695 | | | | |
| 8 | 0.095 | 38 | 0.463 | 68 | 7.628 | 98 | 196.151 | | | | |
| 9 | 0.088 | 39 | 0.504 | 69 | 8.311 | 99 | 213.150 | | | | |
| 10 | 0.085 | 40 | 0.552 | 70 | 9.074 | 100 | 230.722 | | | | |
| 11 | 0.086 | 41 | 0.600 | 71 | 9.910 | 101 | 251.505 | | | | |
| 12 | 0.094 | 42 | 0.650 | 72 | 10.827 | 102 | 273.007 | | | | |
| 13 | 0.108 | 43 | 0.697 | 73 | 11.839 | 103 | 295.086 | | | | |
| 14 | 0.131 | 44 | 0.740 | 74 | 12.974 | 104 | 317.591 | | | | |
| 15 | 0.156 | 45 | 0.780 | 75 | 14.282 | 105 | 340.362 | | | | |
| 16 | 0.179 | 46 | 0.825 | 76 | 15.799 | 106 | 362.371 | | | | |
| 17 | 0.198 | 47 | 0.885 | 77 | 17.550 | 107 | 384.113 | | | | |

Section 014

IDAHO ADMINISTRATIVE CODE Department of Insurance

IDAPA 18.07.02 – Reserve Liabilities for Annuities & Pure Endowment Contracts

| | APPENDIX 1 2012 IAM Period Table Female, Age Nearest Birthday | | | | | | | | | | |
|-----|---|-----|---------------------------------------|-----|---------------------------------------|-----|---------------------------------------|--|--|--|--|
| AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | | | | |
| 18 | 0.211 | 48 | 0.964 | 78 | 19.582 | 108 | 400.000 | | | | |
| 19 | 0.221 | 49 | 1.051 | 79 | 21.970 | 109 | 400.000 | | | | |
| 20 | 0.228 | 50 | 1.161 | 80 | 24.821 | 110 | 400.000 | | | | |
| 21 | 0.234 | 51 | 1.308 | 81 | 28.351 | 111 | 400.000 | | | | |
| 22 | 0.240 | 52 | 1.460 | 82 | 32.509 | 112 | 400.000 | | | | |
| 23 | 0.245 | 53 | 1.613 | 83 | 37.329 | 113 | 400.000 | | | | |
| 24 | 0.247 | 54 | 1.774 | 84 | 42.830 | 114 | 400.000 | | | | |
| 25 | 0.250 | 55 | 1.950 | 85 | 48.997 | 115 | 400.000 | | | | |
| 26 | 0.256 | 56 | 2.154 | 86 | 55.774 | 116 | 400.000 | | | | |
| 27 | 0.261 | 57 | 2.399 | 87 | 63.140 | 117 | 400.000 | | | | |
| 28 | 0.270 | 58 | 2.700 | 88 | 71.066 | 118 | 400.000 | | | | |
| 29 | 0.281 | 59 | 3.054 | 89 | 79.502 | 119 | 400.000 | | | | |
| | | | | | | 120 | 1000.000 | | | | |

(4-11-15)

| APPENDIX 2 2012 IAM Period Table Male, Age Nearest Birthday | | | | | | | | | | |
|---|---------------------------------------|-----|---------------------------------------|-----|---------------------------------------|-----|---------------------------------------|--|--|--|
| AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | | | |
| 0 | 1.605 | 30 | 0.741 | 60 | 5.096 | 90 | 109.993 | | | |
| 1 | 0.401 | 31 | 0.751 | 61 | 5.614 | 91 | 123.119 | | | |
| 2 | 0.275 | 32 | 0.754 | 62 | 6.169 | 92 | 137.168 | | | |
| 3 | 0.229 | 33 | 0.756 | 63 | 6.759 | 93 | 152.171 | | | |
| 4 | 0.174 | 34 | 0.756 | 64 | 7.398 | 94 | 168.194 | | | |
| 5 | 0.168 | 35 | 0.756 | 65 | 8.106 | 95 | 185.260 | | | |
| 6 | 0.165 | 36 | 0.756 | 66 | 8.548 | 96 | 197.322 | | | |
| 7 | 0.159 | 37 | 0.756 | 67 | 9.076 | 97 | 214.751 | | | |
| 8 | 0.143 | 38 | 0.756 | 68 | 9.708 | 98 | 232.507 | | | |
| 9 | 0.129 | 39 | 0.800 | 69 | 10.463 | 99 | 250.397 | | | |
| 10 | 0.113 | 40 | 0.859 | 70 | 11.357 | 100 | 268.607 | | | |
| 11 | 0.111 | 41 | 0.926 | 71 | 12.418 | 101 | 290.016 | | | |
| 12 | 0.132 | 42 | 0.999 | 72 | 13.675 | 102 | 311.849 | | | |
| 13 | 0.169 | 43 | 1.069 | 73 | 15.150 | 103 | 333.962 | | | |
| 14 | 0.213 | 44 | 1.142 | 74 | 16.860 | 104 | 356.207 | | | |
| 15 | 0.254 | 45 | 1.219 | 75 | 18.815 | 105 | 380.000 | | | |
| 16 | 0.293 | 46 | 1.318 | 76 | 21.031 | 106 | 400.000 | | | |
| 17 | 0.328 | 47 | 1.454 | 77 | 23.540 | 107 | 400.000 | | | |
| 18 | 0.359 | 48 | 1.627 | 78 | 26.375 | 108 | 400.000 | | | |

Section 015

IAC Archive 2019 C2

IDAHO ADMINISTRATIVE CODE Department of Insurance

IDAPA 18.07.02 – Reserve Liabilities for Annuities & Pure Endowment Contracts

| | APPENDIX 2 2012 IAM Period Table Male, Age Nearest Birthday | | | | | | | | | | |
|-----|---|-----|---------------------------------------|-----|---------------------------------------|-----|---------------------------------------|--|--|--|--|
| AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | AGE | 1000 - q _x ²⁰¹² | | | | |
| 19 | 0.387 | 49 | 1.829 | 79 | 29.572 | 109 | 400.000 | | | | |
| 20 | 0.414 | 50 | 2.057 | 80 | 33.234 | 110 | 400.000 | | | | |
| 21 | 0.443 | 51 | 2.302 | 81 | 37.533 | 111 | 400.000 | | | | |
| 22 | 0.473 | 52 | 2.545 | 82 | 42.261 | 112 | 400.000 | | | | |
| 23 | 0.513 | 53 | 2.779 | 83 | 47.441 | 113 | 400.000 | | | | |
| 24 | 0.554 | 54 | 3.011 | 84 | 53.233 | 114 | 400.000 | | | | |
| 25 | 0.602 | 55 | 3.254 | 85 | 59.855 | 115 | 400.000 | | | | |
| 26 | 0.655 | 56 | 3.529 | 86 | 67.514 | 116 | 400.000 | | | | |
| 27 | 0.688 | 57 | 3.845 | 87 | 76.340 | 117 | 400.000 | | | | |
| 28 | 0.710 | 58 | 4.213 | 88 | 86.388 | 118 | 400.000 | | | | |
| 29 | 0.727 | 59 | 4.631 | 89 | 97.634 | 119 | 400.000 | | | | |
| | | | | | | 120 | 1000.000 | | | | |

(4-11-15)

| APPENDIX 3 Projection Scale G2 Female, Age Nearest Birthday | | | | | | | | | | |
|---|-----------------|-----|-----------------|-----|-----------------|-----|-----------------|--|--|--|
| AGE | G2 _x | AGE | G2 _x | AGE | G2 _x | AGE | G2 _x | | | |
| 0 | 0.010 | 30 | 0.010 | 60 | 0.013 | 90 | 0.006 | | | |
| 1 | 0.010 | 31 | 0.010 | 61 | 0.013 | 91 | 0.006 | | | |
| 2 | 0.010 | 32 | 0.010 | 62 | 0.013 | 92 | 0.005 | | | |
| 3 | 0.010 | 33 | 0.010 | 63 | 0.013 | 93 | 0.005 | | | |
| 4 | 0.010 | 34 | 0.010 | 64 | 0.013 | 94 | 0.004 | | | |
| 5 | 0.010 | 35 | 0.010 | 65 | 0.013 | 95 | 0.004 | | | |
| 6 | 0.010 | 36 | 0.010 | 66 | 0.013 | 96 | 0.004 | | | |
| 7 | 0.010 | 37 | 0.010 | 67 | 0.013 | 97 | 0.003 | | | |
| 8 | 0.010 | 38 | 0.010 | 68 | 0.013 | 98 | 0.003 | | | |
| 9 | 0.010 | 39 | 0.010 | 69 | 0.013 | 99 | 0.002 | | | |
| 10 | 0.010 | 40 | 0.010 | 70 | 0.013 | 100 | 0.002 | | | |
| 11 | 0.010 | 41 | 0.010 | 71 | 0.013 | 101 | 0.002 | | | |
| 12 | 0.010 | 42 | 0.010 | 72 | 0.013 | 102 | 0.001 | | | |
| 13 | 0.010 | 43 | 0.010 | 73 | 0.013 | 103 | 0.001 | | | |
| 14 | 0.010 | 44 | 0.010 | 74 | 0.013 | 104 | 0.000 | | | |
| 15 | 0.010 | 45 | 0.010 | 75 | 0.013 | 105 | 0.000 | | | |
| 16 | 0.010 | 46 | 0.010 | 76 | 0.013 | 106 | 0.000 | | | |
| 17 | 0.010 | 47 | 0.010 | 77 | 0.013 | 107 | 0.000 | | | |
| 18 | 0.010 | 48 | 0.010 | 78 | 0.013 | 108 | 0.000 | | | |
| 19 | 0.010 | 49 | 0.010 | 79 | 0.013 | 109 | 0.000 | | | |

Section 015

IAC Archive 2019 C2

IDAHO ADMINISTRATIVE CODE Department of Insurance

IDAPA 18.07.02 – Reserve Liabilities for Annuities & Pure Endowment Contracts

| APPENDIX 3 Projection Scale G2 Female, Age Nearest Birthday | | | | | | | | | | |
|---|-----------------|-----|-----------------|-----|-----------------|-----|-----------------|--|--|--|
| AGE | G2 _x | AGE | G2 _x | AGE | G2 _x | AGE | G2 _x | | | |
| 20 | 0.010 | 50 | 0.010 | 80 | 0.013 | 110 | 0.000 | | | |
| 21 | 0.010 | 51 | 0.010 | 81 | 0.012 | 111 | 0.000 | | | |
| 22 | 0.010 | 52 | 0.011 | 82 | 0.012 | 112 | 0.000 | | | |
| 23 | 0.010 | 53 | 0.011 | 83 | 0.011 | 113 | 0.000 | | | |
| 24 | 0.010 | 54 | 0.011 | 84 | 0.010 | 114 | 0.000 | | | |
| 25 | 0.010 | 55 | 0.012 | 85 | 0.010 | 115 | 0.000 | | | |
| 26 | 0.010 | 56 | 0.012 | 86 | 0.009 | 116 | 0.000 | | | |
| 27 | 0.010 | 57 | 0.012 | 87 | 0.008 | 117 | 0.000 | | | |
| 28 | 0.010 | 58 | 0.012 | 88 | 0.007 | 118 | 0.000 | | | |
| 29 | 0.010 | 59 | 0.013 | 89 | 0.007 | 119 | 0.000 | | | |
| | | | | | | 120 | 0.000 | | | |

(4-11-15)

| | | | | | | | (| | | | |
|-----|---|-----|-----------------|-----|-----------------|-----|-----------------|--|--|--|--|
| | APPENDIX 4 Projection Scale G2 Male, Age Nearest Birthday | | | | | | | | | | |
| AGE | G2 _x | AGE | G2 _x | AGE | G2 _x | AGE | G2 _x | | | | |
| 0 | 0.010 | 30 | 0.010 | 60 | 0.015 | 90 | 0.007 | | | | |
| 1 | 0.010 | 31 | 0.010 | 61 | 0.015 | 91 | 0.007 | | | | |
| 2 | 0.010 | 32 | 0.010 | 62 | 0.015 | 92 | 0.006 | | | | |
| 3 | 0.010 | 33 | 0.010 | 63 | 0.015 | 93 | 0.005 | | | | |
| 4 | 0.010 | 34 | 0.010 | 64 | 0.015 | 94 | 0.005 | | | | |
| 5 | 0.010 | 35 | 0.010 | 65 | 0.015 | 95 | 0.004 | | | | |
| 6 | 0.010 | 36 | 0.010 | 66 | 0.015 | 96 | 0.004 | | | | |
| 7 | 0.010 | 37 | 0.010 | 67 | 0.015 | 97 | 0.003 | | | | |
| 8 | 0.010 | 38 | 0.010 | 68 | 0.015 | 98 | 0.003 | | | | |
| 9 | 0.010 | 39 | 0.010 | 69 | 0.015 | 99 | 0.002 | | | | |
| 10 | 0.010 | 40 | 0.010 | 70 | 0.015 | 100 | 0.002 | | | | |
| 11 | 0.010 | 41 | 0.010 | 71 | 0.015 | 101 | 0.002 | | | | |
| 12 | 0.010 | 42 | 0.010 | 72 | 0.015 | 102 | 0.001 | | | | |
| 13 | 0.010 | 43 | 0.010 | 73 | 0.015 | 103 | 0.001 | | | | |
| 14 | 0.010 | 44 | 0.010 | 74 | 0.015 | 104 | 0.000 | | | | |
| 15 | 0.010 | 45 | 0.010 | 75 | 0.015 | 105 | 0.000 | | | | |
| 16 | 0.010 | 46 | 0.010 | 76 | 0.015 | 106 | 0.000 | | | | |
| 17 | 0.010 | 47 | 0.010 | 77 | 0.015 | 107 | 0.000 | | | | |
| 18 | 0.010 | 48 | 0.010 | 78 | 0.015 | 108 | 0.000 | | | | |
| 19 | 0.010 | 49 | 0.010 | 79 | 0.015 | 109 | 0.000 | | | | |
| 20 | 0.010 | 50 | 0.010 | 80 | 0.015 | 110 | 0.000 | | | | |

Section 015

IAC Archive 2019 C2

IDAHO ADMINISTRATIVE CODE Department of Insurance

IDAPA 18.07.02 – Reserve Liabilities for Annuities & Pure Endowment Contracts

| | APPENDIX 4 Projection Scale G2 Male, Age Nearest Birthday | | | | | | | | | | |
|-----|---|-----|-----------------|-----|-----------------|-----|-----------------|--|--|--|--|
| AGE | G2 _x | AGE | G2 _x | AGE | G2 _x | AGE | G2 _x | | | | |
| 21 | 0.010 | 51 | 0.011 | 81 | 0.014 | 111 | 0.000 | | | | |
| 22 | 0.010 | 52 | 0.011 | 82 | 0.013 | 112 | 0.000 | | | | |
| 23 | 0.010 | 53 | 0.012 | 83 | 0.013 | 113 | 0.000 | | | | |
| 24 | 0.010 | 54 | 0.012 | 84 | 0.012 | 114 | 0.000 | | | | |
| 25 | 0.010 | 55 | 0.013 | 85 | 0.011 | 115 | 0.000 | | | | |
| 26 | 0.010 | 56 | 0.013 | 86 | 0.010 | 116 | 0.000 | | | | |
| 27 | 0.010 | 57 | 0.014 | 87 | 0.009 | 117 | 0.000 | | | | |
| 28 | 0.010 | 58 | 0.014 | 88 | 0.009 | 118 | 0.000 | | | | |
| 29 | 0.010 | 59 | 0.015 | 89 | 0.008 | 119 | 0.000 | | | | |
| | | 120 | 0.000 | | | | | | | | |

(4-11-15)

Section 015

Subject Index

Α

Administrative Appeals 2 Application of the 2012 IAR Mortality Table 5 Mortality Rate Formula 5 Mortality Rate Formula Example 5

D

Definitions, IDAPA 18.01.46 3 1983 GAM Table 3 1983 Table 'a' 3 1994 GAR Table 3 2012 Individual Annuity Mortality Period Life (2012 IAM Period) Table 3 2012 Individual Annuity Reserving (2012 IAR) Table 3 Annuity 2000 Mortality Table 3 Generational Mortality Table 3 Period Table 3 Projection Scale G2 (Scale G2) 3

Formula 4

G

F

Group Annuity Or Pure Endowment Contracts 4 1994 GAR Table 4 Group Annuity Mortality Tables 4 Minimum Standard of Valuation 4

.

Incorporation By Reference 2 Individual Annuity Or Pure Endowment Contracts 4 Individual Annuity Mortality Table 4 Minimum Standard for Valuation 4 The 1983 Table "a" 4 The 2012 IAR Mortality Table 4 The Annuity 2000 Mortality Table 4

L

Legal Authority 2

0

Office – Office Hours – Mailing Address, Street Address & Web Site 2

Р

Public Records Act Compliance 3

Severability 5 Title & Scope 2 Written Interpretations 2

IAC Archive 2019 C2

Reauthorized Rules Temporary Effective Date (6-30-19)T

Page 10