WEST VIRGINIA
SECRETARY OF STATE
KEN HECHLER
ADMINISTRATIVE LAW DIVISION

Form #3

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OFFICE OF WEST VIRGINIA SECRETARY OF STATE

NOTICE OF AGENCY APPROVAL OF A PROPOSED RULE AND FILING WITH THE LEGISLATIVE RULE-MAKING REVIEW COMMITTEE

AGENCY: Insurance Commissioner TITLE NUMBER: 114

CITE AUTHORITY W. Va. Code §§ 33-2-10 and 33-7-9(m)

AMENDMENT TO AN EXISTING RULE: YES ___ NO X

IF YES, SERIES NUMBER OF RULE BEING AMENDED: _____

TITLE OF RULE BEING AMENDED: _____

IF NO, SERIES NUMBER OF NEW RULE BEING PROPOSED: Series 44

TITLE OF RULE BEING PROPOSED: Minimum Reserve Standards for Individual and Group Health Insurance Contracts

THE ABOVE PROPOSED LEGISLATIVE RULE HAVING GONE TO A PUBLIC HEARING OR A PUBLIC COMMENT PERIOD IS HEREBY APPROVED BY THE PROMULGATING AGENCY FOR FILING WITH THE SECRETARY OF STATE AND THE LEGISLATIVE RULE MAKING REVIEW COMMITTEE FOR THEIR REVIEW.

R. Keith Huffman
General Counsel
Authorized Signature

13.40

STATE OF WEST VIRGINIA
Offices of the Insurance Commissioner

Legal Division

GASTON CAPERTON
Governor

HANLEY C. CLARK
Insurance Commissioner

CONSENT TO FILING OF RULE

To Whom It May Concern:

Pursuant to West Virginia Code § 5F-2-2(a)(12), the undersigned hereby grants consent to the filing of the following rule proposed by the Insurance Commissioner of the State of West Virginia: Title 114, Series 44, relating to "Minimum Reserve Standards for Individual and Group Health Insurance Contracts."

Signed this 26th day of June, 1995.

James H. Paige, III
Secretary of Tax and Revenue

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Charleston, West Virginia 25305-0540

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Insurance Commissioner
Legislative Rule
Title 114, Series 44

MINIMUM RESERVE STANDARDS FOR INDIVIDUAL AND GROUP HEALTH INSURANCE CONTRACTS

Title 114, Series 44

STATEMENT OF CIRCUMSTANCES

On March 2, 1995, the West Virginia Legislature passed House Bill 2505 amending West Virginia Code § 33-7-9, Standard Valuation Law.

The purpose of this rule is to establish minimum reserve standards for individual and group health insurance, except for credit health insurance.

APPENDIX B

FISCAL NOTE FOR PROPOSED RULES

Rule Title: Title 114, Series 44
Minimum Reserve Standards for Individual and Group Health Insurance Contracts

Type of Rule: _X_ Legislative ____ Interpretive ____ Procedural

Agency: INSURANCE COMMISSIONER

Address: Post Office Box 50540
2019 Washington Street, East
Charleston, West Virginia 25305-0540

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1. Effect of Proposed Rule

	ANNUAL		FISCAL YEAR		
	Increase	Decrease	Current	Next	Thereafter
ESTIMATED TOTAL COST	None				
PERSONAL SERVICES	None				
CURRENT EXPENSE					
REPAIRS AND ALTERNATIONS	None				
EQUIPMENT	None				
OTHER	None				

2. Explanation of above estimates:

There will be no additional impact upon state, local or federal government.

3. Objectives of these rules:

The objective of this rule is to establish the minimum reserve standards for individual and group health (accident and sickness) insurance coverages.

Rule Title: Minimum Reserve Standards for Individual and Group Health Insurance Contracts

4. Explanation of Overall Economic Impact of Proposed Rule.

A. Economic Impact on State Government.

None.

B. Economic Impact on Political Subdivisions; Specific Industries; Specific groups of Citizens.

None.

C. Economic Impact on Citizens/Public at Large.

This rule shall have no direct economic impact upon citizens or the public at large. This rule will protect the public in that it establishes minimum reserve standards for individual and group health insurance.

Date: 6/27/95

Signature of Agency Head or Authorized Representative

B. Keith Huffman, General Counsel

TO: LEGISLATIVE RULE-MAKING REVIEW COMMITTEE

FROM: OFFICE OF THE INSURANCE COMMISSIONER

DATE: July 28, 1995

LEGISLATIVE RULE TITLE: Minimum Reserve Standards for Individual and Group Health Insurance Contracts (Title 114, Series 44)

1. Authorizing statute(s) citation W. Va. Code §§ 33-2-10 and 33-7-9(m)

2. a. Date filed in State Register with Notice of Hearing:

June 27, 1995

b. What other notice, including advertising, did you give of the hearing?

None

c. Date of hearing(s): Comment period ended on July 27, 1995

d. Attach list of persons who appeared at hearing, comments received, amendments, reasons for amendments.

Attached XX No comments received _____

e. Date you filed in State Register the agency approved proposed Legislative Rule following public hearing: (be exact)

July 28, 1995

f. Name and phone number of agency person to contact for additional information:

Donna S. Quesenberry

Associate Counsel

(304) 558-0401

3. If the statute under which you promulgated the submitted rules requires certain findings and determinations to be made as a condition precedent to their promulgation:

   a. Give the date upon which you filed in the State Register a notice of the time and place of a hearing for the taking of evidence and a general description of the issues to be decided.

      Not applicable

   b. Date of hearing: Not applicable

   c. On what date did you file in the State Register the findings and determinations required together with the reasons therefor?

      Not applicable

   d. Attach findings and determinations and reasons:

      Attached Not applicable

Insurance Commissioner
Legislative Rule
Title 114, Series 44

MINIMUM RESERVE STANDARDS FOR INDIVIDUAL AND GROUP HEALTH INSURANCE CONTRACTS

Title 114, Series 44

BRIEF SUMMARY OF RULE

This proposed rule establishes minimum reserve standards for individual and group health insurance, except for credit health insurance. These reserves, which are for the protection of policyholders, are actuarially determined to be the minimum amount required to cover the estimated costs to provide health coverage to policyholders.

114CSR44

LEGISLATIVE RULE
INSURANCE COMMISSIONER

SERIES 44
MINIMUM RESERVE STANDARDS FOR INDIVIDUAL AND GROUP HEALTH INSURANCE CONTRACTS

Section

114-44-1.	Authority.
114-44-2.	Purpose.
114-44-3.	Introduction.
114-44-4.	Categories of Reserves.
114-44-5.	Appendices.
114-44-6.	Claim Reserves
114-44-7.	Premium Reserves
114-44-8.	Contract Reserves
114-44-9.	Reinsurance
Appendix A.	Specific Standards for Morbidity, Interest and Mortality
Appendix B.	Glossary of Technical Terms Used
Appendix C.	Reserves for Waiver of Premium (Supplementary explanatory material)

FILED

Jul 28 3 46 PM '95

OFFICE OF WEST VIRGINIA SECRETARY OF STATE

114CSR44

LEGISLATIVE RULE
INSURANCE COMMISSIONER

SERIES 44
MINIMUM RESERVE STANDARDS FOR INDIVIDUAL AND GROUP HEALTH INSURANCE CONTRACTS

§ 114-44-1. Authority.

1.1. Scope. -- This legislative rule establishes minimum reserve standards for all individual and group health [accident and sickness] insurance coverages, except credit insurance.

1.2. Authority. -- West Virginia Code §§ 33-2-10 and 33-7-9(m).

1.3. Filing date. --

1.4. Effective date. --

§ 114-44-2. Purpose.

2.1. The purpose of this rule is to establish the minimum reserve standards for individual and group health (accident and sickness) insurance coverages.

§ 114-44-3. Introduction.

3.1. When an insurer determines that adequacy of its health insurance reserves requires reserves in excess of the minimum standards specified herein, such increased reserves shall be held and shall be considered the minimum reserves for that insurer.

3.2. With respect to any block of contracts, or with respect to an insurer's health business as a whole, a prospective gross premium valuation is the ultimate test of reserve adequacy as of a given valuation date. Such a gross premium valuation will take into account, for contracts in force, in a claims status, or in a continuation of benefits status on the valuation date, the present value as of the valuation date of: all expected benefits unpaid, all expected expenses unpaid, and all unearned or expected premiums, adjusted for future premium increases reasonably expected to be put into effect.

3.3. Such a gross premium valuation is to be performed whenever a significant doubt exists as to reserve adequacy with respect to any major block of contracts, or with respect to the insurer's health business as a whole. In the event inadequacy is found to exist, immediate loss recognition shall be made and the reserves restored to adequacy. Adequate reserves (inclusive of claim, premium and contract reserves, if any) shall be held with

respect to all contracts, regardless of whether contract reserves are required for such contracts under these standards.

3.4. Whenever minimum reserves, as defined in these standards, exceed reserve requirements as determined by a prospective gross premium valuation, such minimum reserves remain the minimum requirement under these standards.

§ 114-44-4. Categories of Reserves.

4.1. The following sections set forth minimum standards for three categories of health insurance reserves:

Section 6. Claim Reserves
Section 7. Premium Reserves
Section 8. Contract Reserves

4.2. Adequacy of an insurer's health insurance reserves is to be determined on the basis of all three categories combined. However, these standards emphasize the importance of determining appropriate reserves for each of the three categories separately.

§ 114-44-5. Appendices.

5.1. These standards contain two appendices which are an integral part of the standards, and one additional "supplementary" appendix which is not part of the standards as such, but is included for explanatory and illustrative purposes only.

5.2. Appendix A. Specific minimum standards with respect to morbidity, mortality and interest, which apply to claim reserves according to year of incurral and to contract reserves according to year of issue.

Appendix B. Glossary of Technical Terms used.

Appendix C. (Supplementary) Waiver of Premium Reserves.

§ 114-44-6. Claim Reserves.

6.1. General.

a. Claim reserves are required for all incurred but unpaid claims on all health insurance policies.

b. Appropriate claim expense reserves are required with respect to the estimated expense of settlement of all incurred but unpaid claims.

c. All such reserves for prior valuation years are to be tested for adequacy and reasonableness along the lines of claim runoff schedules in accordance with the statutory financial statement including consideration of any residual unpaid liability.

6.2. Minimum Standards for Claim Reserves.

a. Disability Income.

A. Interest. The maximum interest rate for claim reserves is specified in Appendix A.

B. Morbidity. Minimum standards with respect to morbidity are those specified in Appendix A; except that, at the option of the insurer:

(a) For claims with a duration from date of disablement of less than two years, reserves may be based on the insurer's experience, if such experience is considered credible, or upon other assumptions designed to place a sound value on the liabilities.

(b) For group disability income claims with a duration from date of disablement of more than two (2) years but less than five (5) years, reserves may, with the approval of the commissioner, be based on the insurer's experience for which the insurer maintains underwriting and claim administration control. The request for such approval of a plan of modification to the reserve basis must include:

(A) An analysis of the credibility of the experience;

(B) A description of how all of the insurer's experience is proposed to be used in setting reserves;

(C) A description and quantification of the margins to be included;

(D) A summary of the financial impact that the proposed plan of modification would have had on the insurer's last filed annual statement;

(E) A copy of the approval of the proposed plan of modification by the commissioner of the state of domicile; and

(F) Any other information deemed necessary by the commissioner.

C. Duration of Disablement. For contracts with an elimination period, the duration of disablement should be measured as dating from the time that benefits would have begun to accrue had there been no elimination period.

b. All Other Benefits.

A. Interest. The maximum interest rate for claim reserves is specified in Appendix A.

B. Morbidity or other Contingency. The reserve should be based on the insurer's experience, if such experience is considered credible, or upon other assumptions designed to place a sound value on the liabilities.

6.3. Claim Reserve Methods Generally.

Any generally accepted or reasonable actuarial method or combination of methods may be used to estimate all claim liabilities. The methods used for estimating liabilities generally may be aggregate methods, or various reserve items may be separately valued. Approximations based on groupings and averages may also be employed. Adequacy of the claim reserves, however, shall be determined in the aggregate.

§ 114-44-7. Premium Reserves.

7.1. General.

a. Unearned premium reserves are required for all contracts with respect to the period of coverage for which premiums, other than premiums paid in advance, have been paid beyond the date of valuation.

b. If premiums due and unpaid are carried as an asset, such premiums must be treated as premiums in force, subject to unearned premium reserve determination. The value of unpaid commissions, premium taxes, and the cost of collection associated with due and unpaid premiums must be carried as an offsetting liability.

c. The gross premiums paid in advance for a period of coverage commencing after the next premium due date which follows the date of valuation may be appropriately discounted to the evaluation date and shall be held either as a separate liability or

as an addition to the unearned premium reserve which would otherwise be required as a minimum.

7.2. Minimum Standards for Unearned Premium Reserves.

a. The minimum unearned premium reserve with respect to any contract is the pro rata unearned modal premium that applies to the premium period beyond the valuation date, with such premium determined on the basis of:

A. The valuation net modal premium on the contract reserve basis applying to the contract; or

B. The gross modal premium for the contract if no contract reserve applies.

b. However, in no event may the sum of the unearned premium and contract reserves for all contracts of the insurer subject to contract reserve requirements be less than the gross modal unearned premium reserve on all such contracts, as of the date of valuation. Such reserve shall never be less than the expected claims for the period beyond the valuation date represented by such unearned premium reserve, to the extent not provided for elsewhere.

7.3. Premium Reserve Methods Generally.

The insurer may employ suitable approximations and estimates; including, but not limited to groupings, averages and aggregate estimation; in computing premium reserves. Such approximations or estimates should be tested periodically to determine their continuing adequacy and reliability.

§ 114-44-8. Contract Reserves.

8.1. General.

a. Contract reserves are required, unless otherwise specified in paragraph 8.1.b for:

A. All individual and group contracts with which level premiums are used; or

B. All individual and group contracts with respect to which, due to the gross premium pricing structure at issue, the value of the future benefits at any time exceeds the value of any appropriate future valuation net premiums at that time. The values

specified in this subparagraph B shall be determined on the basis specified in subsection 8.2.

b. Contracts not requiring a contract reserve are:

A. Contracts which cannot be continued after one year from issue; or

B. Contracts already in force on the effective date of these standards for which no contract reserve was required under the immediately preceding standards.

c. The contract reserve is in addition to claim reserves and premium reserves.

d. The methods and procedures for contract reserves should be consistent with those for claim reserves for any contract, or else appropriate adjustment must be made when necessary to assure provision for the aggregate liability. The definition of the date of incurral must be the same in both determinations.

8.2. Minimum Standards for Contract Reserves.

a. Basis

A. Morbidity or other Contingency. Minimum standards with respect to morbidity are those set forth in Appendix A. Valuation net premiums used under each contract must have a structure consistent with the gross premium structure at issue of the contract as this relates to advancing age of insured, contract duration and period for which gross premiums have been calculated.

Contracts for which tabular morbidity standards are not specified in Appendix A shall be valued using tables established for reserve purposes by a qualified actuary and acceptable to the commissioner.

B. Interest. The maximum interest rate is specified in Appendix A.

C. Termination Rates. Termination rates used in the computation of reserves shall be on the basis of a mortality table as specified in Appendix A except as noted in the following paragraph.

Under contracts for which premium rates are not guaranteed, and where the effects of insurer underwriting are

specifically used by policy duration in the valuation morbidity standard or for return of premium or other deferred cash benefits, total termination rates may be used at ages and durations where these exceed specified mortality table rates, but not in excess of the lesser of:

(a) Eighty percent of the total termination rate used in the calculation of the gross premiums, or

(b) Eight percent.

Where a morbidity standard specified in Appendix A is on an aggregate basis, such morbidity standard may be adjusted to reflect the effect of insurer underwriting by policy duration. The adjustments must be appropriate to the underwriting and be acceptable to the commissioner.

D. Reserve Method.

(a) For insurance except long-term care and return of premium or other deferred cash benefits, the minimum reserve is the reserve calculated on the two-year full preliminary term method; that is, under which the terminal reserve is zero at the first and also the second contract anniversary.

(b) For long-term care insurance, the minimum reserve is the reserve calculated on the one-year full preliminary term method.

(c) For return of premium or other deferred cash benefits, the minimum reserve is the reserve calculated as follows:

On the one year preliminary term method if such benefits are provided at any time before the twentieth anniversary;

On the two year preliminary term method if such benefits are only provided on or after the twentieth anniversary.

The preliminary term method may be applied only in relation to the date of issue of a contract. Reserve adjustments introduced later, as a result of rate increases, revisions in assumptions (e.g., projected inflation rates) or for other reasons, are to be applied immediately as of the effective date of adoption of the adjusted basis.

E. Negative Reserves. Negative reserves on any benefit may be offset against positive reserves for other benefits

in the same contract, but the total contract reserve with respect to all benefits combined may not be less than zero.

8.3. Alternative Valuation Methods and Assumptions Generally.

Provided the contract reserve on all contracts to which an alternative method or basis is applied is not less in the aggregate than the amount determined according to the applicable standards specified above; an insurer may use any reasonable assumptions as to interest rates, termination and/or mortality rates, and rates of morbidity or other contingency. Also, subject to the preceding condition, the insurer may employ methods other than the methods stated above in determining a sound value of its liabilities under such contracts, including, but not limited to the following: the net level premium method; the one-year full preliminary term method; prospective valuation on the basis of actual gross premiums with reasonable allowance for future expenses; the use of approximations such as those involving age groupings, groupings of several years of issue, average amounts of indemnity, grouping of similar contract forms; the computation of the reserve for one contract benefit as a percentage of, or by other relation to, the aggregate contract reserves exclusive of the benefit or benefits so valued; and the use of a composite annual claim cost for all or any combination of the benefits included in the contracts valued.

8.4. Tests For Adequacy and Reasonableness of Contract Reserves.

a. Annually, an appropriate review shall be made of the insurer's prospective contract liabilities on contracts valued by tabular reserves, to determine the continuing adequacy and reasonableness of the tabular reserves giving consideration to future gross premiums. The insurer shall make appropriate increments to such tabular reserves if such tests indicate that the basis of such reserves is no longer adequate; subject, however, to the minimum standards of subsection 8.2.

b. In the event a company has a contract or a group of related similar contracts, for which future gross premiums will be restricted by contract, insurance department regulations, or for other reasons, such that the future gross premiums reduced by expenses for administration, commissions, and taxes will be insufficient to cover future claims, the company shall establish contract reserves for such shortfall in the aggregate.

§ 114-44-9. Reinsurance.

Increases to, or credits against reserves carried, arising because of reinsurance assumed or reinsurance ceded, must be determined in a manner consistent with these minimum reserve standards and with all applicable provisions of the reinsurance contracts which affect the insurer's liabilities.

§ 114-44-10. Severability.

10.1 If any provision of this rule or the application of this rule to any person or circumstances is for any reason held to be invalid, the remainder of the rule and the application of the provisions to other persons or circumstances shall not be affected by the holding.

APPENDIX A. SPECIFIC STANDARDS FOR MORBIDITY, INTEREST AND MORTALITY

I. MORBIDITY

A. Minimum morbidity standards for valuation of specified individual contract health insurance benefits are as follows:

(1) Disability Income Benefits Due to Accident or Sickness.

(a) Contract Reserves:

Contracts issued on or after January 1, 1965 and prior to January 1, 1986:

The 1964 Commissioners Disability Table (64 CDT).

Contracts issued on or after January 1, 1997:

The 1985 Commissioners Individual Disability Tables A (85CIDA); or

The 1985 Commissioners Individual Disability Tables B (85CIDB).

Contracts issued during 1986 through 1996:

Optional use of either the 1964 Table or the 1985 Tables.

Each insurer shall elect, with respect to all individual contracts issued in any one statement year, whether it will use Tables A or Tables B as the minimum standard. The insurer may, however, elect to use the other tables with respect to any subsequent statement year.

(b) Claim Reserves:

The minimum morbidity standard in effect for contract reserves on currently issued contracts, as of the date the claim is incurred.

(2) Hospital Benefits, Surgical Benefits and Maternity Benefits (Scheduled benefits or fixed time period benefits only).

(a) Contract Reserves:

Contracts issued on or after January 1, 1955, and before January 1, 1982:

The 1956 Intercompany Hospital-Surgical Tables.

Contracts issued on or after January 1, 1982:

The 1974 Medical Expense Tables, Table A, Transactions of the Society of Actuaries, Volume XXX, pg. 63. Refer to the paper (in the same volume, pg. 9) to which this table is appended, including its discussions, for methods of adjustment for benefits not directly valued in Table A: "Development of the 1974 Medical Expense Benefits," Houghton and Wolf.

(b) Claim Reserves:
No specific standard. See (5).

(3) Cancer Expense Benefits (Scheduled benefits or fixed time period benefits only).

(a) Contract Reserves:

Contracts issued on or after January 1, 1986:

The 1985 NAIC Cancer Claim Cost Tables.

(b) Claim Reserves:
No specific standard. See (5).

(4) Accidental Death Benefits.

(a) Contract Reserves:

Contracts issued on or after January 1, 1965:

The 1959 Accidental Death Benefits Table.

(b) Claim Reserves:

Actual amount incurred.

(5) Other Individual Contract Benefits.

(a) Contract Reserves:

For all other individual contract benefits, morbidity assumptions are to be determined as provided in the reserve standards.

(b) Claim Reserves:

For all benefits other than disability, claim reserves are to be determined as provided in the standards.

B. Minimum morbidity standards for valuation of specified group contract health insurance benefits are as follows:

(1) Disability Income Benefits Due to Accident or Sickness.

(a) Contract Reserves:

Contracts issued prior to January 1, 1997:

The same basis, if any, as that employed by the insurer as of December 31, 1996;

Contracts issued on or after January 1, 1997:

The 1987 Commissioners Group Disability Income Table (87CGDT).

(b) Claim Reserves:

For claims incurred on or after January 1, 1997:

The 1987 Commissioners Group Disability Income Table (87CGDT);

For claims incurred prior to January 1, 1997:

Use of the 87CGDT is optional.

(2) Other Group Contract Benefits.

(a) Contract Reserves:

For all other group contract benefits, morbidity assumptions are to be determined as provided in the reserve standards.

(b) Claim Reserves:

For all benefits other than disability, claim reserves are to be determined as provided in the standards.

II. INTEREST

A. For contract reserves the maximum interest rate is the maximum rate permitted by law in the valuation of whole life insurance issued on the same date as the health insurance contract.

B. For claim reserves on policies that require contract reserves, the maximum interest rate is the maximum rate permitted by law in the valuation of whole life insurance issued on the same date as the claim incurral date.

C. For claim reserves on policies not requiring contract reserves, the maximum interest rate is the maximum rate permitted by law in the valuation of single premium immediate annuities issued on the same date as the claim incurral date, reduced by one hundred basis points.

III. MORTALITY

A. Except as provided in subsection B, the mortality basis used shall be according to a table (but without use of selection factors) permitted by law for the valuation of whole life insurance issued on the same date as the health insurance contract.

B. Other mortality tables adopted by the NAIC and promulgated by the commissioner may be used in the calculation of the minimum reserves if appropriate for the type of benefits and if approved by the commissioner. The request for such approval must included the proposed mortality table and the reason that the standard specified in subsection A is inappropriate.

APPENDIX B. GLOSSARY OF TECHNICAL TERMS USED.

As used in this valuation standard, the following terms have the following meaning:

ANNUAL-CLAIM COST. The net annual cost per unit of benefit before the addition of expenses, including claim settlement expenses, and a margin for profit or contingencies. For example, the annual claim cost for a $100 monthly disability benefit, for a maximum disability benefit period of one year, with an elimination period of one week, with respect to a male at age 35, in a certain occupation might be $12, while the gross premium for this benefit might be $18. The additional $6 would cover expenses and profit or contingencies.

CLAIMS ACCRUED. That portion of claims incurred on or prior to the valuation date which result in liability of the insurer for the payment of benefits for medical services which have been rendered on or prior to the valuation date, and for the payment of benefits for days of hospitalization and days of disability which have occurred on or prior to the valuation date, which the insurer has not paid as of the valuation date, but for which it is liable, and will have to pay after the valuation date. This liability is sometimes referred to as a liability for "accrued" benefits. A claim reserve, which represents an estimate of this accrued claim liability, must be established.

CLAIMS REPORTED. When an insurer has been informed that a claim has been incurred, if the date reported is on or prior to the valuation date, the claim is considered as a reported claim for annual statement purposes.

CLAIMS UNACCRUED. That portion of claims incurred on or prior to the valuation date which result in liability of the insurer for the payment of benefits for medical services expected to be rendered after the valuation date, and for benefits expected to be payable for days of hospitalization and days of disability occurring after the valuation date. This liability is sometimes referred to as a liability for unaccrued benefits. A claim reserve, which represents an estimate of the unaccrued claim payments expected to be made (which may or may not be discounted with interest), must be established.

CLAIMS UNREPORTED. When an insurer has not been informed, on or before the valuation date, concerning a claim that has been incurred on or prior to the valuation date, the claim is considered as an unreported claim for annual statement purposes.

DATE OF DISABLEMENT. The earliest date the insured is considered as being disabled under the definition of disability in the contract, based on a doctor's evaluation or other evidence. Normally this date will coincide with the start of any elimination period.

ELIMINATION PERIOD. A specified number of days, weeks, or months starting at the beginning of each period of loss, during which no benefits are payable.

GROSS PREMIUM. The amount of premium charged by the insurer. It includes the net premium (based on claim-cost) for the risk, together with any loading for expenses, profit or contingencies.

GROUP INSURANCE. The term group insurance includes blanket insurance and franchise insurance and any other forms of group insurance.

LEVEL PREMIUM. A premium calculated to remain unchanged throughout either the lifetime of the policy, or for some shorter projected period of years. The premium need not be guaranteed; in which case, although it is calculated to remain level, it may be changed if any of the assumptions on which it was based are revised at a later time.

Generally, the annual claim costs are expected to increase each year and the insurer, instead of charging premiums that correspondingly increase each year, charges a premium calculated to remain level for a period of years or for the lifetime of the contract. In this case the benefit portion of the premium is more than needed to provide for the cost of benefits during the earlier years of the policy and less than the actual cost in the later years. The building of a prospective contract reserve is a natural result of level premiums.

LONG-TERM CARE INSURANCE. Any insurance policy or rider advertised, marketed, offered or designed to provide coverage for not less than twelve (12) consecutive months for each covered person on an expense incurred, indemnity, prepaid or other basis; for one or more necessary or medically necessary diagnostic, preventive, therapeutic, rehabilitative, maintenance or personal care services, provided in a setting other than an acute care unit of a hospital. Such term also includes a policy or rider which provides for payment of benefits based upon cognitive impairment or the loss of functional capacity. Long-term care insurance may be issued by insurers; fraternal benefit societies; nonprofit health, hospital, and medical service corporations; prepaid health plans; health maintenance organizations or any similar organization to the

extent they are otherwise authorized to issue life or health insurance. Long-term care insurance shall not include any insurance policy which is offered primarily to provide basic Medicare supplement coverage, basic hospital expense coverage, basic medical-surgical expense coverage, hospital confinement indemnity coverage, major medical expense coverage, disability income or related asset-protection coverage, accident only coverage, specified disease or specified accident coverage, or limited benefit health coverage.

MODAL PREMIUM. This refers to the premium paid on a contract based on a premium term which could be annual, semi-annual, quarterly, monthly, or weekly. Thus if the annual premium is $100 and if, instead, monthly premiums of $9 are paid then the modal premium is $9.

NEGATIVE RESERVE. Normally the terminal reserve is a positive value. However, if the values of the benefits are decreasing with advancing age or duration it could be a negative value, called a negative reserve.

PRELIMINARY TERM RESERVE METHOD. Under this method of valuation the valuation net premium for each year falling within the preliminary term period is exactly sufficient to cover the expected incurred claims of that year, so that the terminal reserves will be zero at the end of the year. As of the end of the preliminary term period, a new constant valuation net premium (or stream of changing valuation premiums) becomes applicable such that the present value of all such premiums is equal to the present value of all claims expected to be incurred following the end of the preliminary term period.

PRESENT VALUE OF AMOUNTS NOT YET DUE ON CLAIMS. The reserve for "claims unaccrued" (see definition), which may be discounted at interest.

RESERVE. The term "reserve" is used to include all items of benefit liability, whether in the nature of incurred claim liability or in the nature of contract liability relating to future periods of coverage, and whether the liability is accrued or unaccrued.

An insurer under its contracts promises benefits which result in:

(a) Claims which have been incurred, that is, for which the insurer has become obligated to make payment, on or prior to the valuation date. On these claims, payments expected to be made after the valuation date for accrued and unaccrued benefits are

liabilities of the insurer which should be provided for by establishing claim reserves; or

(b) Claims which are expected to be incurred after the valuation date. Any present liability of the insurer for these future claims should be provided for by the establishment of contract reserves and unearned premium reserves.

TERMINAL RESERVE. This is the reserve at the end of a contract year, and is defined as the present value of benefits expected to be incurred after that contract year minus the present value of future valuation net premiums.

UNEARNED PREMIUM RESERVE. This reserve values that portion of the premium paid or due to the insurer which is applicable to the period of coverage extending beyond the valuation date. Thus if an annual premium of $120 was paid on November 1, $20 would be earned as of December 31 and the remaining $100 would be unearned. The unearned premium reserve could be on a gross basis as in this example, or on a valuation net premium basis.

VALUATION NET MODAL PREMIUM. This is the modal fraction of the valuation net annual premium that corresponds to the gross modal premium in effect on any contract to which contract reserves apply. Thus if the mode of payment in effect is quarterly, the valuation net modal premium is the quarterly equivalent of the valuation net annual premium.

APPENDIX C. RESERVES FOR WAIVER OF PREMIUM (Supplementary explanatory material)

Waiver of premium reserves involve several special considerations. First, the disability valuation tables promulgated by the NAIC are based on exposures that include contracts on premium waiver as in-force contracts. Hence, contract reserves based on these tables are NOT reserves on "active lives" but rather reserves on contracts "in force." This is true for the 1964 CDT and for both the 1985 CIDA and CIDB tables.

Accordingly, tabular reserves using any of these tables should value reserves on the following basis:

Claim reserves should include reserves for premiums expected to be waived, valuing as a minimum the valuation net premium being waived.

Premium reserves should include contracts on premium waiver as in-force contracts, valuing as a minimum the unearned modal valuation net premium being waived.

Contract reserves should include recognition of the waiver of premium benefit in addition to other contract benefits provided for, valuing as a minimum the valuation net premium to be waived.

If an insurer is, instead, valuing reserves on what is truly an active life table, or if a specific valuation table is not being used but the insurer's gross premiums are calculated on a basis that includes in the projected exposure only those contracts for which premiums are being paid, then it may not be necessary to provide specifically for waiver of premium reserves. Any insurer using such a true "active life" basis should carefully consider, however, whether or not additional liability should be recognized on account of premiums waived during periods of disability or during claim continuation.

Attachment to Question 2(d)

One comment to the proposed rule was received during the comment period, a copy of which is attached hereto. In essence, the comment received from Arthur C. Guy of UNUM Life Insurance Company of America supports the adoption of minimum reserve standards for individual and group health insurance contracts but urges adoption of the NAIC model as amended in 1993.

One comment to the proposed rule was received after the comment period ended. This comment from William C. Weller of the Health Insurance Association of America is attached hereto. The proposed NAIC model changes suggested by HIAA are consistent with those comments received from UNUM.

1. Section 6 of the Proposed Rule

UNUM has requested that section 6.2.a.B of the proposed rule be changed to conform with the NAIC model as amended in 1993. The proposed language allows for reserves for disability income claims with a duration of more than two years but less than five years to be based on the insurer's experience and identifies data to be used in analysis of the credibility of the experience. We are in agreement with this recommendation and have amended the language under section 6.2.a.B. to read as follows:

§ 114-44-6. Claim Reserves.

6.2. Minimum Standards for Claim Reserves.

a. Disability Income.

A. Interest. The maximum interest rate for claim reserves is specified in Appendix A.

B. Morbidity. Minimum standards with respect to morbidity are those specified in Appendix A; except that, at the option of the insurer:

(a) For claims with a duration from date of disablement of less than two years, reserves may be based on the insurer's experience, if such experience is considered credible, or upon other assumptions designed to place a sound value on the liabilities.

(b) For group disability income claims with a duration from date of disablement of more than two (2) years but less than five (5) years, reserves may, with the approval of the commissioner, be based on the insurer's experience for which the insurer maintains underwriting and claim administration control. The request for such approval of a plan of modification to the reserve basis must include:

(A) An analysis of the credibility of the experience;

(B) A description of how all of the insurer's experience is proposed to be used in setting reserves;

(C) A description and quantification of the margins to be included;

(D) A summary of the financial impact that the proposed plan of modification would have had on the insurer's last filed annual statement;

(E) A copy of the approval of the proposed plan of modification by the commissioner of the state of domicile; and

(F) Any other information deemed necessary by the commissioner.

2. APPENDIX A of the Proposed Rule

UNUM has requested that Appendix A, II.B. of the proposed rule be changed to conform with the NAIC model as amended in 1993. The proposed language provides that for claim reserves on policies not requiring contract reserves, maximum interest rate is the maximum rate permitted by law in valuation of single premium immediate annuities, reduced by one hundred basis points. We are in agreement with this recommendation and have amended in language under Appendix X, II. B to read as follows:

APPENDIX A. SPECIFIC STANDARDS FOR MORBIDITY, INTEREST AND MORTALITY

II. INTEREST

A. For contract reserves the maximum interest rate is the maximum rate permitted by law in the valuation of whole life insurance issued on the same date as the health insurance contract.

B. For claim reserves on policies that require contract reserves, the maximum interest rate is the maximum rate permitted by law in the valuation of whole life insurance issued on the same date as the claim incurral date.

C. For claim reserves on policies not requiring contract reserves, the maximum interest rate is the maximum rate permitted by law in the valuation of single premium immediate annuities issued on the same date as the claim incurral date, reduced by one hundred basis points.

3. APPENDIX A of the Proposed Rule

UNUM has requested that Appendix A, III of the proposed rule be changed to conform with the NAIC model as amended in 1993. The proposed language provides for use of other mortality tables in calculation of minimum reserves if appropriate for the type of benefits and if approved by the Commissioner. We are in agreement with this recommendation and have amended the language in Appendix A, III to read as follows:

APPENDIX A. SPECIFIC STANDARDS FOR MORBIDITY, INTEREST AND MORTALITY

III. MORTALITY

A. Except as provided in subsection B, the mortality basis used shall be according to a table (but without use of selection factors) permitted by law for the valuation of whole life insurance issued on the same date as the health insurance contract.

B. Other mortality tables adopted by the NAIC and promulgated by the commissioner may be used in the calculation of the minimum reserves if appropriate for the type of benefits and if approved by the commissioner. The request for such approval must included the proposed mortality table and the reason that the standard specified in subsection A is inappropriate.

UNUM.

RECEIVED
JUL 2 1995
LEGAL DIVISION
W. VA. INS. DEPT.

July 19, 1995

Donna S. Quesenberry
West Virginia Insurance Commission
P.O. Box 50540
2019 Washington Street, East
Charleston, West Virginia 25305-0540

Re: Title 114, Series 44
Minimum Reserve Standards for Individual and Group Health Insurance Contracts

Dear Ms. Quesenberry:

The UNUM Life Insurance Company of America supports the adoption of minimum reserve standards for individual and group health insurance contracts but urges adoption of the NAIC model as amended in1993.

Three changes were made at that time as follows:

NAIC Model Section	West Virginia Proposed Section	Substance
2. B. (1) (b) (i) & (ii)	114-44-6.2 a. B.	Allows for reserves for disability income claims with a duration of more than two years but less than five years to be based on the insurer's experience; Identifies data to be used in analysis of the credibility of the experience.
Appendix A., II. B. & C.	Appendix A., II. B.	Provides that for claim reserves on policies not requiring contract reserves, maximum interest rate is maximum rate permitted by law in valuation of single premium immediate annuities, reduced by one hundred basis points.

UNUM LIFE INSURANCE COMPANY OF AMERICA
2211 Congress Street
Portland, Maine 04122
207-770-2211

Appendix A., III. A. & B.	Appendix A., III	Provides for use of other mortality tables in calculation of minimum reserves if appropriate for the type of benefits and if approved by the Commissioner.

For your convenience, I have enclosed a copy of the model regulation with the relevant sections highlighted on pages 10-2, 10-3 and 10-10. We would be pleased to provide technical supporting material related to the model changes outlined above if that would be helpful.

We urge that these changes, incorporated in the model in 1993, be included in the proposed regulation. We appreciate this opportunity to express our views.

Sincerely,

Arthur C. Guy

Arthur C. Guy
Director
Government Relations

WVARES01 Doc.

MINIMUM RESERVE STANDARDS FOR INDIVIDUAL AND GROUP HEALTH INSURANCE CONTRACTS

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Appendix C. Reserves for Waiver of Premium

Section 1. Introduction

A. Scope

These standards apply to all individual and group health [accident and sickness] insurance coverages except credit insurance.

When an insurer determines that adequacy of its health insurance reserves requires reserves in excess of the minimum standards specified herein, such increased reserves shall be held and shall be considered the minimum reserves for that insurer.

With respect to any block of contracts, or with respect to an insurer's health business as a whole, a prospective gross premium valuation is the ultimate test of reserve adequacy as of a given valuation date. Such a gross premium valuation will take into account, for contracts in force, in a claims status, or in a continuation of benefits status on the valuation date, the present value as of the valuation date of: all expected benefits unpaid, all expected expenses unpaid, and all unearned or expected premiums, adjusted for future premium increases reasonably expected to be put into effect.

Such a gross premium valuation is to be performed whenever a significant doubt exists as to reserve adequacy with respect to any major block of contracts, or with respect to the insurer's health business as a whole. In the event inadequacy is found to exist, immediate loss recognition shall be made and the reserves restored to adequacy. Adequate reserves (inclusive of claim, premium and contract reserves, if any) shall be held with respect to all contracts, regardless of whether contract reserves are required for such contracts under these standards.

Whenever minimum reserves, as defined in these standards, exceed reserve requirements as determined by a prospective gross premium valuation, such minimum reserves remain the minimum requirement under these standards.

B. Categories of Reserves

The following sections set forth minimum standards for three categories of health insurance reserves:

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Section 2. Claim Reserves
Section 3. Premium Reserves
Section 4. Contract Reserves

Adequacy of an insurer's health insurance reserves is to be determined on the basis of all three categories combined. However, these standards emphasize the importance of determining appropriate reserves for each of the three categories separately.

C. Appendices

These standards contain two appendices which are an integral part of the standards, and one additional "supplementary" appendix which is not part of the standards as such, but is included for explanatory and illustrative purposes only.

Appendix A. Specific minimum standards with respect to morbidity, mortality and interest, which apply to claim reserves according to year of incurral and to contract reserves according to year of issue.

Appendix B. Glossary of Technical Terms used.

Appendix C. (Supplementary) Waiver of Premium Reserves.

Section 2. Claim Reserves

A. General

(1) Claim reserves are required for all incurred but unpaid claims on all health insurance policies.

(2) Appropriate claim expense reserves are required with respect to the estimated expense of settlement of all incurred but unpaid claims.

(3) All such reserves for prior valuation years are to be tested for adequacy and reasonableness along the lines of claim runoff schedules in accordance with the statutory financial statement including consideration of any residual unpaid liability.

B. Minimum Standards for Claim Reserves

(1) Disability Income

(a) Interest. The maximum interest rate for claim reserves is specified in Appendix A.

(b) Morbidity. Minimum standards with respect to morbidity are those specified in Appendix A, except that, at the option of the insurer:

(i) For claims with a duration from date of disablement of less than two years, reserves may be based on the insurer's experience, if such experience is considered credible, or upon other assumptions designed to place a sound value on the liabilities.

(ii) For group disability income claims with a duration from date of disablement of more than two (2) years but less than five (5) years, reserves may, with the approval of the commissioner, be based on the insurer's experience for which the insurer maintains underwriting and claim administration control. The request for such approval of a plan of modification to the reserve basis must include:

- An analysis of the credibility of the experience;
- A description of how all of the insurer's experience is proposed to be used in setting reserves;
- A description and quantification of the margins to be included;
- A summary of the financial impact that the proposed plan of modification would have had on the insurer's last filed annual statement;
- A copy of the approval of the proposed plan of modification by the commissioner of the state of domicile; and
- Any other information deemed necessary by the commissioner.

Drafting Note: For experience to be considered credible for purposes of (ii), the company should be able to provide claim termination patterns over no more than six (6) years reflecting at least 5,000 claims terminations during the third through fifth claims durations on reasonably similar applicable policy forms.

For claim reserves to reflect "sound values" and/or reasonable margins, reserve tables based on credible experience should be adjusted regularly to maintain reasonable margins. Demonstrations may be required by the commissioner of the state of domicile based on published literature (e.g., Goldman, TSA XLII).

(c) Duration of Disablement. For contracts with an elimination period, the duration of disablement should be measured as dating from the time that benefits would have begun to accrue had there been no elimination period.

(2) All Other Benefits

(a) Interest. The maximum interest rate for claim reserves is specified in Appendix A.

(b) Morbidity or other Contingency. The reserve should be based on the insurer's experience, if such experience is considered credible, or upon other assumptions designed to place a sound value on the liabilities.

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C. Claim Reserve Methods Generally

Any generally accepted or reasonable actuarial method or combination of methods may be used to estimate all claim liabilities. The methods used for estimating liabilities generally may be aggregate methods, or various reserve items may be separately valued. Approximations based on groupings and averages may also be employed. Adequacy of the claim reserves, however, shall be determined in the aggregate.

Section 3. Premium Reserves

A. General

(1) Unearned premium reserves are required for all contracts with respect to the period of coverage for which premiums, other than premiums paid in advance, have been paid beyond the date of valuation.

(2) If premiums due and unpaid are carried as an asset, such premiums must be treated as premiums in force, subject to unearned premium reserve determination. The value of unpaid commissions, premium taxes, and the cost of collection associated with due and unpaid premiums must be carried as an offsetting liability.

(3) The gross premiums paid in advance for a period of coverage commencing after the next premium due date which follows the date of valuation may be appropriately discounted to the valuation date and shall be held either as a separate liability or as an addition to the unearned premium reserve which would otherwise be required as a minimum.

B. Minimum Standards for Unearned Premium Reserves

(1) The minimum unearned premium reserve with respect to any contract is the pro rata unearned modal premium that applies to the premium period beyond the valuation date, with such premium determined on the basis of:

(a) The valuation net modal premium on the contract reserve basis applying to the contract; or

(b) The gross modal premium for the contract if no contract reserve applies.

(2) However, in no event may the sum of the unearned premium and contract reserves for all contracts of the insurer subject to contract reserve requirements be less than the gross modal unearned premium reserve on all such contracts, as of the date of valuation. Such reserve shall never be less than the expected claims for the period beyond the valuation date represented by such unearned premium reserve, to the extent not provided for elsewhere.

C. Premium Reserve Methods Generally

The insurer may employ suitable approximations and estimates; including, but not limited to groupings, averages and aggregate estimation; in computing premium reserves. Such approximations or estimates should be tested periodically to determine their continuing adequacy and reliability.

Section 4. Contract Reserves

A. General

(1) Contract reserves are required, unless otherwise specified in Section 4A(2), for:

(a) All individual and group contracts with which level premiums are used; or

(b) All individual and group contracts with respect to which, due to the gross premium pricing structure at issue, the value of the future benefits at any time exceeds the value of any appropriate future valuation net premiums at that time. The values specified in this Subparagraph (b) shall be determined on the basis specified in Section 4B.

(2) Contracts not requiring a contract reserve are:

(a) Contracts which cannot be continued after one year from issue; or

(b) Contracts already in force on the effective date of these standards for which no contract reserve was required under the immediately preceding standards.

(3) The contract reserve is in addition to claim reserves and premium reserves.

(4) The methods and procedures for contract reserves should be consistent with those for claim reserves for any contract, or else appropriate adjustment must be made when necessary to assure provision for the aggregate liability. The definition of the date of incurral must be the same in both determinations.

B. Minimum Standards for Contract Reserves

(1) Basis

(a) Morbidity or other Contingency. Minimum standards with respect to morbidity are those set forth in Appendix A. Valuation net premiums used under each contract must have a structure consistent with the gross premium structure at issue of the contract as this relates to advancing age of insured, contract duration and period for which gross premiums have been calculated.

Contracts for which tabular morbidity standards are not specified in Appendix A shall be valued using tables established for reserve purposes by a qualified actuary and acceptable to the Commissioner.

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Drafting Note: The consistency between the gross premium structure and the valuation net premium is required only at issue, because the impact on such consistency after issue of regulatory restrictions on premium rate increases is still under study.

(b) Interest. The maximum interest rate is specified in Appendix A.

(c) Termination Rates. Termination rates used in the computation of reserves shall be on the basis of a mortality table as specified in Appendix A except as noted in the following paragraph.

Under contracts for which premium rates are not guaranteed, and where the effects of insurer underwriting are specifically used by policy duration in the valuation morbidity standard or for return of premium or other deferred cash benefits, total termination rates may be used at ages and durations where these exceed specified mortality table rates, but not in excess of the lesser of:

(i) Eighty percent of the total termination rate used in the calculation of the gross premiums, or

(ii) Eight percent.

Where a morbidity standard specified in Appendix A is on an aggregate basis, such morbidity standard may be adjusted to reflect the effect of insurer underwriting by policy duration. The adjustments must be appropriate to the underwriting and be acceptable to the Commissioner.

(d) Reserve Method.

(i) For insurance except long-term care and return of premium or other deferred cash benefits, the minimum reserve is the reserve calculated on the two-year full preliminary term method; that is, under which the terminal reserve is zero at the first and also the second contract anniversary.

(ii) For long-term care insurance, the minimum reserve is the reserve calculated on the one-year full preliminary term method.

(iii) For return of premium or other deferred cash benefits, the minimum reserve is the reserve calculated as follows:

On the one year preliminary term method if such benefits are provided at any time before the twentieth anniversary;

On the two year preliminary term method if such benefits are only provided on or after the twentieth anniversary.

The preliminary term method may be applied only in relation to the date of issue of a contract. Reserve adjustments introduced later, as a result of rate increases, revisions in assumptions (e.g., projected inflation rates) or for other reasons, are to be applied immediately as of the effective date of adoption of the adjusted basis.

(e) Negative Reserves. Negative reserves on any benefit may be offset against positive reserves for other benefits in the same contract, but the total contract reserve with respect to all benefits combined may not be less than zero.

C. Alternative Valuation Methods and Assumptions Generally

Provided the contract reserve on all contracts to which an alternative method or basis is applied is not less in the aggregate than the amount determined according to the applicable standards specified above; an insurer may use any reasonable assumptions as to interest rates, termination and/or mortality rates, and rates of morbidity or other contingency. Also, subject to the preceding condition, the insurer may employ methods other than the methods stated above in determining a sound value of its liabilities under such contracts, including, but not limited to the following: the net level premium method; the one-year full preliminary term method; prospective valuation on the basis of actual gross premiums with reasonable allowance for future expenses; the use of approximations such as those involving age groupings, groupings of several years of issue, average amounts of indemnity, grouping of similar contract forms; the computation of the reserve for one contract benefit as a percentage of, or by other relation to, the aggregate contract reserves exclusive of the benefit or benefits so valued; and the use of a composite annual claim cost for all or any combination of the benefits included in the contracts valued.

D. Tests For Adequacy and Reasonableness of Contract Reserves

Annually, an appropriate review shall be made of the insurer's prospective contract liabilities on contracts valued by tabular reserves, to determine the continuing adequacy and reasonableness of the tabular reserves giving consideration to future gross premiums. The insurer shall make appropriate increments to such tabular reserves if such tests indicate that the basis of such reserves is no longer adequate; subject, however, to the minimum standards of Section 4B.

In the event a company has a contract or a group of related similar contracts, for which future gross premiums will be restricted by contract, insurance department regulations, or for other reasons, such that the future gross premiums reduced by expenses for administration, commissions, and taxes will be insufficient to cover future claims, the company shall establish contract reserves for such shortfall in the aggregate.

Section 5. Reinsurance

Increases to, or credits against reserves carried, arising because of reinsurance assumed or reinsurance ceded, must be determined in a manner consistent with these minimum reserve standards and with all applicable provisions of the reinsurance contracts which affect the insurer's liabilities.

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APPENDIX A. SPECIFIC STANDARDS FOR MORBIDITY, INTEREST AND MORTALITY

I. MORBIDITY

A. Minimum morbidity standards for valuation of specified individual contract health insurance benefits are as follows:

(1) Disability Income Benefits Due to Accident or Sickness.

(a) Contract Reserves:

Contracts issued on or after January 1, 1965 and prior to January 1, [YEAR]:

The 1964 Commissioners Disability Table (64 CDT).

Contracts issued on or after January 1, [YEAR]:

The 1985 Commissioners Individual Disability Tables A (85CIDA); or

The 1985 Commissioners Individual Disability Tables B (85CIDB).

Contracts issued during [YEAR or YEARS]:

Optional use of either the 1964 Table or the 1985 Tables.

Each insurer shall elect, with respect to all individual contracts issued in any one statement year, whether it will use Tables A or Tables B as the minimum standard. The insurer may, however, elect to use the other tables with respect to any subsequent statement year.

(b) Claim Reserves:

The minimum morbidity standard in effect for contract reserves on currently issued contracts, as of the date the claim is incurred.

(2) Hospital Benefits, Surgical Benefits and Maternity Benefits (Scheduled benefits or fixed time period benefits only).

(a) Contract Reserves:

Contracts issued on or after January 1, 1955, and before January 1, 1982:

The 1956 Intercompany Hospital-Surgical Tables.

Contracts issued on or after January 1, 1982:

The 1974 Medical Expense Tables, Table A, Transactions of the Society of Actuaries, Volume XXX, pg. 63. Refer to the paper (in the same volume, pg. 9) to which this table is appended, including its discussions, for methods of adjustment for benefits not directly valued in Table A: "Development of the 1974 Medical Expense Benefits," Houghton and Wolf.

(b) Claim Reserves:

No specific standard. See (5).

(3) Cancer Expense Benefits (Scheduled benefits or fixed time period benefits only).

(a) Contract Reserves:

Contracts issued on or after January 1, 1986:
The 1985 NAIC Cancer Claim Cost Tables.

(b) Claim Reserves:

No specific standard. See (5).

(4) Accidental Death Benefits.

(a) Contract Reserves:

Contracts issued on or after January 1, 1965:
The 1959 Accidental Death Benefits Table.

(b) Claim Reserves:

Actual amount incurred.

(5) Other Individual Contract Benefits.

(a) Contract Reserves:

For all other individual contract benefits, morbidity assumptions are to be determined as provided in the reserve standards.

(b) Claim Reserves:

For all benefits other than disability, claim reserves are to be determined as provided in the standards.

B. Minimum morbidity standards for valuation of specified group contract health insurance benefits are as follows:

(1) Disability Income Benefits Due to Accident or Sickness.

(a) Contract Reserves:

Contracts issued prior to January 1, [YEAR]:
The same basis, if any, as that employed by the insurer as of January 1, [SAME YEAR];

Contracts issued on or after January 1, [YEAR]:
The 1987 Commissioners Group Disability Income Table (87CGDT).

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(b) Claim Reserves:

For claims incurred on or after January 1, [YEAR]:
The 1987 Commissioners Group Disability Income Table (87CGDT);

For claims incurred prior to January 1, [YEAR]:
Use of the 87CGDT is optional.

(2) Other Group Contract Benefits.

(a) Contract Reserves:

For all other group contract benefits, morbidity assumptions are to be determined as provided in the reserve standards.

(b) Claim Reserves:

For all benefits other than disability, claim reserves are to be determined as provided in the standards.

II. INTEREST

A. For contract reserves the maximum interest rate is the maximum rate permitted by law in the valuation of whole life insurance issued on the same date as the health insurance contract.

B. For claim reserves on policies that require contract reserves, the maximum interest rate is the maximum rate permitted by law in the valuation of whole life insurance issued on the same date as the claim incurral date.

C. For claim reserves on policies not requiring contract reserves, the maximum interest rate is the maximum rate permitted by law in the valuation of single premium immediate annuities issued on the same date as the claim incurral date, reduced by one hundred basis points.

III. MORTALITY

A. Except as provided in Subsection B, the mortality basis used shall be according to a table (but without use of selection factors) permitted by law for the valuation of whole life insurance issued on the same date as the health insurance contract.

B. Other mortality tables adopted by the NAIC and promulgated by the commissioner may be used in the calculation of the minimum reserves if appropriate for the type of benefits and if approved by the commissioner. The request for such approval must include the proposed mortality table and the reason that the standard specified in Subsection A is inappropriate.

APPENDIX B. GLOSSARY OF TECHNICAL TERMS USED

As used in this valuation standard, the following terms have the following meaning:

ANNUAL-CLAIM COST. The net annual cost per unit of benefit before the addition of expenses, including claim settlement expenses, and a margin for profit or contingencies. For example, the annual claim cost for a $100 monthly disability benefit, for a maximum disability benefit period of one year, with an elimination period of one week, with respect to a male at age 35, in a certain occupation might be $12, while the gross premium for this benefit might be $18. The additional $6 would cover expenses and profit or contingencies.

CLAIMS ACCRUED. That portion of claims incurred on or prior to the valuation date which result in liability of the insurer for the payment of benefits for medical services which have been rendered on or prior to the valuation date, and for the payment of benefits for days of hospitalization and days of disability which have occurred on or prior to the valuation date, which the insurer has not paid as of the valuation date, but for which it is liable, and will have to pay after the valuation date. This liability is sometimes referred to as a liability for "accrued" benefits. A claim reserve, which represents an estimate of this accrued claim liability, must be established.

CLAIMS REPORTED. When an insurer has been informed that a claim has been incurred, if the date reported is on or prior to the valuation date, the claim is considered as a reported claim for annual statement purposes.

CLAIMS UNACCRUED. That portion of claims incurred on or prior to the valuation date which result in liability of the insurer for the payment of benefits for medical services expected to be rendered after the valuation date, and for benefits expected to be payable for days of hospitalization and days of disability occurring after the valuation date. This liability is sometimes referred to as a liability for unaccrued benefits. A claim reserve, which represents an estimate of the unaccrued claim payments expected to be made (which may or may not be discounted with interest), must be established.

CLAIMS UNREPORTED. When an insurer has not been informed, on or before the valuation date, concerning a claim that has been incurred on or prior to the valuation date, the claim is considered as an unreported claim for annual statement purposes.

DATE OF DISABLEMENT. The earliest date the insured is considered as being disabled under the definition of disability in the contract, based on a doctor's evaluation or other evidence. Normally this date will coincide with the start of any elimination period.

ELIMINATION PERIOD. A specified number of days, weeks, or months starting at the beginning of each period of loss, during which no benefits are payable.

GROSS PREMIUM. The amount of premium charged by the insurer. It includes the net premium (based on claim-cost) for the risk, together with any loading for expenses, profit or contingencies.

GROUP INSURANCE. The term group insurance includes blanket insurance and franchise insurance and any other forms of group insurance.

LEVEL PREMIUM. A premium calculated to remain unchanged throughout either the lifetime of the policy, or for some shorter projected period of years. The premium need not be guaranteed; in which case, although it is calculated to remain level, it may be changed if any of the assumptions on which it was based are revised at a later time.

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Generally, the annual claim costs are expected to increase each year and the insurer, instead of charging premiums that correspondingly increase each year, charges a premium calculated to remain level for a period of years or for the lifetime of the contract. In this case the benefit portion of the premium is more than needed to provide for the cost of benefits during the earlier years of the policy and less than the actual cost in the later years. The building of a prospective contract reserve is a natural result of level premiums.

LONG-TERM CARE INSURANCE. Any insurance policy or rider advertised, marketed, offered or designed to provide coverage for not less than twelve (12) consecutive months for each covered person on an expense incurred, indemnity, prepaid or other basis; for one or more necessary or medically necessary diagnostic, preventive, therapeutic, rehabilitative, maintenance or personal care services, provided in a setting other than an acute care unit of a hospital. Such term also includes a policy or rider which provides for payment of benefits based upon cognitive impairment or the loss of functional capacity. Long-term care insurance may be issued by insurers; fraternal benefit societies; nonprofit health, hospital, and medical service corporations; prepaid health plans; health maintenance organizations or any similar organization to the extent they are otherwise authorized to issue life or health insurance. Long-term care insurance shall not include any insurance policy which is offered primarily to provide basic Medicare supplement coverage, basic hospital expense coverage, basic medical-surgical expense coverage, hospital confinement indemnity coverage, major medical expense coverage, disability income or related asset-protection coverage, accident only coverage, specified disease or specified accident coverage, or limited benefit health coverage.

MODAL PREMIUM. This refers to the premium paid on a contract based on a premium term which could be annual, semi-annual, quarterly, monthly, or weekly. Thus if the annual premium is $100 and if, instead, monthly premiums of $9 are paid then the modal premium is $9.

NEGATIVE RESERVE. Normally the terminal reserve is a positive value. However, if the values of the benefits are decreasing with advancing age or duration it could be a negative value, called a negative reserve.

PRELIMINARY TERM RESERVE METHOD. Under this method of valuation the valuation net premium for each year falling within the preliminary term period is exactly sufficient to cover the expected incurred claims of that year, so that the terminal reserves will be zero at the end of the year. As of the end of the preliminary term period, a new constant valuation net premium (or stream of changing valuation premiums) becomes applicable such that the present value of all such premiums is equal to the present value of all claims expected to be incurred following the end of the preliminary term period.

PRESENT VALUE OF AMOUNTS NOT YET DUE ON CLAIMS. The reserve for "claims unaccrued" (see definition), which may be discounted at interest.

RESERVE. The term "reserve" is used to include all items of benefit liability, whether in the nature of incurred claim liability or in the nature of contract liability relating to future periods of coverage, and whether the liability is accrued or unaccrued.

An insurer under its contracts promises benefits which result in:

(a) Claims which have been incurred, that is, for which the insurer has become obligated to make payment, on or prior to the valuation date. On these claims, payments expected to be made after the valuation date for accrued and unaccrued benefits are liabilities of the insurer which should be provided for by establishing claim reserves; or

(b) Claims which are expected to be incurred after the valuation date. Any present liability of the insurer for these future claims should be provided for by the establishment of contract reserves and unearned premium reserves.

TERMINAL RESERVE. This is the reserve at the end of a contract year, and is defined as the present value of benefits expected to be incurred after that contract year minus the present value of future valuation net premiums.

UNEARNED PREMIUM RESERVE. This reserve values that portion of the premium paid or due to the insurer which is applicable to the period of coverage extending beyond the valuation date. Thus if an annual premium of $120 was paid on November 1, $20 would be earned as of December 31 and the remaining $100 would be unearned. The unearned premium reserve could be on a gross basis as in this example, or on a valuation net premium basis.

VALUATION NET MODAL PREMIUM. This is the modal fraction of the valuation net annual premium that corresponds to the gross modal premium in effect on any contract to which contract reserves apply. Thus if the mode of payment in effect is quarterly, the valuation net modal premium is the quarterly equivalent of the valuation net annual premium.

APPENDIX C. RESERVES FOR WAIVER OF PREMIUM (Supplementary explanatory material)

Waiver of premium reserves involve several special considerations. First, the disability valuation tables promulgated by the NAIC are based on exposures that include contracts on premium waiver as in-force contracts. Hence, contract reserves based on these tables are NOT reserves on "active lives" but rather reserves on contracts "in force." This is true for the 1964 CDT and for both the "1985 CIDA and CIDB tables.

Accordingly, tabular reserves using any of these tables should value reserves on the following basis:

Claim reserves should include reserves for premiums expected to be waived, valuing as a minimum the valuation net premium being waived.

Premium reserves should include contracts on premium waiver as in-force contracts, valuing as a minimum the unearned modal valuation net premium being waived.

Contract reserves should include recognition of the waiver of premium benefit in addition to other contract benefits provided for, valuing as a minimum the valuation net premium to be waived.

If an insurer is, instead, valuing reserves on what is truly an active life table, or if a specific valuation table is not being used but the insurer's gross premiums are calculated on a basis that includes in the projected exposure only those contracts for which premiums are being paid, then it may not be necessary to provide specifically for waiver of premium reserves. Any insurer using such a true "active life" basis should carefully consider, however, whether or not additional liability should be recognized on account of premiums waived during periods of disability or during claim continuation.

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Legislative History (all references are to the Proceedings of the NAIC).

1989 Proc. I 9, 23-25, 651-658, 705 (adopted new model).
1989 Proc. II 13, 23-24, 467, 875 (adopted technical amendment).
1991 Proc. II 25, 58, 719, 1257-1264 (amended and reprinted).
1993 Proc. I 8, 136, 820, 1460-1462 (amended).
1993 Proc. 1st Quarter 3, 34, 266, 438-446 (amended and reprinted).

The following has been superseded by the model above:

Reserve Standards for Individual Health Insurance Policies

1941 Proc. 160-162 (adopted).
1957 Proc. I 75, 77, 78-85, 107 (amended).
1959 Proc. I 90 (reaffirmed).
1965 Proc. I 71, 73-86, 88 (adopted 1964 Commissioners Disability Table).
1981 Proc. II 27, 35, 558, 561, 778, 781, 823-826 (amended).
1985 Proc. II 11, 23, 564, 567-569, 609-612 (cancer tables added).
1986 Proc. I 601-605 (Contains amendments adopted in June 1985 but omitted from that Proceedings).
1986 Proc. I 9, 23, 547, 557-558, 666 (Appendix A amended).

HIAA

Health Insurance Association of America

July 23, 1995

RECEIVED

JUL 26 1995

LEGAL DIVISION
W. VA. INS. DEPT.

Ms. Donna S. Quensenberry
Associate Counsel
West Virginia Insurance Commission
PO Box 50540
2019 Washington Street, East
Charleston, WV 25305

Dear Ms. Quensenberry

The Health Insurance Association of America (HIAA) is a Washington, D.C. based trade association of the nation's leading commercial insurance carriers.

HIAA supports the adoption by the states of the NAIC Model relating to Minimum Reserves for Health Insurance on which Rule Series 44 is based. Consequently, the following recommended changes are primarily designed to bring the proposed wording into compliance with the model.

I. Effective Dates and Scope

Since this is a new regulation for West Virginia, it does not seem appropriate to attempt to adopt reserve standards for policies which may be several years to decades old. Especially for contract and claim reserves, a requirement to use a specific table should be prospective. Note that since the majority of companies are subject to these tables in other states, that use of a January 1, 1996 date for West Virginia would not result in significant changes for most companies. In addition, the model does require that the reserve be adequate (using a gross premium valuation for testing) . Therefore, we recommend that specific tables in Appendix A be limited to the those that would apply after a January 1, 1996 effective date which would be specified in 114-44-1.4.

II. NAIC Model Changes

It appears to us that you may have relied upon an older version of the NAIC model which does not include several recent changes. Changes which have been approved by Plenary in December, 1992 are in the attached version. They involve Claim Reserves (additional use of company specific data in certain situations, interest rate basis) and Contract Reserves (mortality tables specified).

555 13th Street, NW Suite 600 East, Washington DC 20004-1109 202/824-1600

If the West Virginia model is to be applied to policies issued before the effective date, you should also be aware that the NAIC is currently considering a clarification in 114-44-8.2D so that minimum reserves for LTC policies issued before the adoption of the one-year full preliminary term method would be based on the two year method.

HIAA appreciates the opportunity to comment on the regulations. Please give me a call if you would like to discuss our comments with me. I can be reached at 202-824-1703.

Sincerely,

William C. Weller, FSA, MAAA
Senior Actuary

c/c: Randy Cox
Lynne Fritter

Draft: 12/7/92
6:15 p.m.
Includes amendments adopted by Executive and Plenary on Decmeber 6, 1992

MINIMUM RESERVE STANDARDS FOR INDIVIDUAL AND GROUP HEALTH INSURANCE CONTRACTS

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Appendix C. Reserves for Waiver of Premium

Section 1. Introduction

A. Scope

These standards apply to all individual and group health [accident and sickness] insurance coverages except credit insurance.

When an insurer determines that adequacy of its health insurance reserves requires reserves in excess of the minimum standards specified herein, such increased reserves shall be held and shall be considered the minimum reserves for that insurer.

With respect to any block of contracts, or with respect to an insurer's health business as a whole, a prospective gross premium valuation is the ultimate test of reserve adequacy as of a given valuation date. Such a gross premium valuation will take into account, for contracts in force, in a claims status, or in a continuation of benefits status on the valuation date, the present value as of the valuation date of: all expected benefits unpaid, all expected expenses unpaid, and all unearned or expected premiums, adjusted for future premium increases reasonably expected to be put into effect.

Such a gross premium valuation is to be performed whenever a significant doubt exists as to reserve adequacy with respect to any major block of contracts, or with respect to the insurer's health business as a whole. In the event inadequacy is found to exist, immediate loss recognition shall be made and the reserves restored to adequacy. Adequate reserves (inclusive of claim, premium and contract reserves, if any) shall be held with respect to all

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contracts, regardless of whether contract reserves are required for such contracts under these standards.

Whenever minimum reserves, as defined in these standards, exceed reserve requirements as determined by a prospective gross premium valuation, such minimum reserves remain the minimum requirement under these standards.

B. Categories of Reserves

The following sections set forth minimum standards for three categories of health insurance reserves:

Section 2. Claim Reserves
Section 3. Premium Reserves
Section 4. Contract Reserves

Adequacy of an insurer's health insurance reserves is to be determined on the basis of all three categories combined. However, these standards emphasize the importance of determining appropriate reserves for each of the three categories separately.

C. Appendices

These standards contain two appendices which are an integral part of the standards, and one additional "supplementary" appendix which is not part of the standards as such, but is included for explanatory and illustrative purposes only.

Appendix A. Specific minimum standards with respect to morbidity, mortality and interest, which apply to claim reserves according to year of incurral and to contract reserves according to year of issue.

Appendix B. Glossary of Technical Terms used.

Appendix C. (Supplementary) Waiver of Premium Reserves.

Section 2. Claim Reserves

A. General

(1) Claim reserves are required for all incurred but unpaid claims on all health insurance policies.

(2) Appropriate claim expense reserves are required with respect to the estimated expense of settlement of all incurred but unpaid claims.

(3) All such reserves for prior valuation years are to be tested for adequacy and reasonableness along the lines of claim runoff schedules in accordance with the statutory financial

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statement including consideration of any residual unpaid liability.

B. Minimum Standards for Claim Reserves

(1) Disability Income

(a) Interest. The maximum interest rate for claim reserves is specified in Appendix A.

(b) Morbidity. Minimum standards with respect to morbidity are those specified in Appendix A~~;~~ , except that, at the option of the insurer~~;~~ :

(i) For claims with a duration from date of disablement of less than two years, reserves may be based on the insurer's experience, if such experience is considered credible, or upon other assumptions designed to place a sound value on the liabilities.

(ii) For group disability income claims with a duration form date of disablement of more than two years but less than five years, reserves may, with the approval of the commissioner, be based on the insurer's experience for which the insurer maintains underwriting and claim administration control. The request for such approval of a plan of modification to the reserve basis must include:

- An analysis of the credibility of the experience;
- A description of how all of the insurer's experience is proposed to be used in setting reserves;
- A description and quantification of the margins to be included;
- A summary of the financial impact that the proposed plan of modification would have had on the insurer's last filed annual statement;
- A copy of the approval of the proposed plan of modification by the commissioner of the state of domicile; and
- Any other information deemed necessary by the commissioner.

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Drafting Note: For experience to be considered credible for purposes of (ii), the company should be able to provide claim termination patterns over no more than six (6) years reflecting at least 5,000 claims terminations during the third through fifth claims durations on reasonably similar applicable policy forms.

For claim reserves to reflect "sound values" and/or reasonable margins, reserve tables based on credible experience should be adjusted regularly to maintain reasonable margins. Demonstrations may be required by the commissioner of the state of domicile based on published literature (e.g., Goldman, TSA XLII).

(c) Duration of Disablement. For contracts with an elimination period, the duration of disablement should be measured as dating from the time that benefits would have begun to accrue had there been no elimination period.

(2) All Other Benefits

(a) Interest. The maximum interest rate for claim reserves is specified in Appendix A.

(b) Morbidity or other Contingency. The reserve should be based on the insurer's experience, if such experience is considered credible, or upon other assumptions designed to place a sound value on the liabilities.

C. Claim Reserve Methods Generally

Any generally accepted or reasonable actuarial method or combination of methods may be used to estimate all claim liabilities. The methods used for estimating liabilities generally may be aggregate methods, or various reserve items may be separately valued. Approximations based on groupings and averages may also be employed. Adequacy of the claim reserves, however, shall be determined in the aggregate.

Section 3. Premium Reserves

A. General

(1) Unearned premium reserves are required for all contracts with respect to the period of coverage for which premiums, other than premiums paid in advance, have been paid beyond the date of valuation.

(2) If premiums due and unpaid are carried as an asset, such premiums must be treated as premiums in force, subject to unearned premium reserve determination. The value of unpaid commissions, premium taxes, and the cost of collection

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associated with due and unpaid premiums must be carried as an offsetting liability.

(3) The gross premiums paid in advance for a period of coverage commencing after the next premium due date which follows the date of valuation may be appropriately discounted to the valuation date and shall be held either as a separate liability or as an addition to the unearned premium reserve which would otherwise be required as a minimum.

B. Minimum Standards for Unearned Premium Reserves

(1) The minimum unearned premium reserve with respect to any contract is the pro rata unearned modal premium that applies to the premium period beyond the valuation date, with such premium determined on the basis of:

(a) The valuation net modal premium on the contract reserve basis applying to the contract; or

(b) The gross modal premium for the contract if no contract reserve applies.

(2) However, in no event may the sum of the unearned premium and contract reserves for all contracts of the insurer subject to contract reserve requirements be less than the gross modal unearned premium reserve on all such contracts, as of the date of valuation. Such reserve shall never be less than the expected claims for the period beyond the valuation date represented by such unearned premium reserve, to the extent not provided for elsewhere.

C. Premium Reserve Methods Generally

The insurer may employ suitable approximations and estimates; including, but not limited to groupings, averages and aggregate estimation; in computing premium reserves. Such approximations or estimates should be tested periodically to determine their continuing adequacy and reliability.

Section 4. Contract Reserves

A. General

(1) Contract reserves are required, unless otherwise specified in Section 4A(2) for:

(a) All individual and group contracts with which level premiums are used; or

(b) All individual and group contracts with respect to which, due to the gross premium pricing structure at

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issue, the value of the future benefits at any time exceeds the value of any appropriate future valuation net premiums at that time. The values specified in this Subparagraph (b) shall be determined on the basis specified in Section 4B.

(2) Contracts not requiring a contract reserve are:

(a) Contracts which cannot be continued after one year from issue; or

(b) Contracts already in force on the effective date of these standards for which no contract reserve was required under the immediately preceding standards.

(3) The contract reserve is in addition to claim reserves and premium reserves.

(4) The methods and procedures for contract reserves should be consistent with those for claim reserves for any contract, or else appropriate adjustment must be made when necessary to assure provision for the aggregate liability. The definition of the date of incurral must be the same in both determinations.

B. Minimum Standards for Contract Reserves

(1) Basis

(a) Morbidity or other Contingency. Minimum standards with respect to morbidity are those set forth in Appendix A. Valuation net premiums used under each contract must have a structure consistent with the gross premium structure at issue of the contract as this relates to advancing age of insured, contract duration and period for which gross premiums have been calculated.

Contracts for which tabular morbidity standards are not specified in Appendix A shall be valued using tables established for reserve purposes by a qualified actuary and acceptable to the Commissioner.

Drafting Note: The consistency between the gross premium structure and the valuation net premium is required only at issue, because the impact on such consistency after issue of regulatory restrictions on premium rate increases is still under study.

(b) Interest. The maximum interest rate is specified in Appendix A.

(c) Termination Rates. Termination rates used in the computation of reserves shall be on the basis of a

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mortality table as specified in Appendix A except as noted in the following paragraph.

Under contracts for which premium rates are not guaranteed, and where the effects of insurer underwriting are specifically used by policy duration in the valuation morbidity standard or for return of premium or other deferred cash benefits, total termination rates may be used at ages and durations where these exceed specified mortality table rates, but not in excess of the lesser of:

(i) Eighty percent of the total termination rate used in the calculation of the gross premiums, or

(ii) Eight percent.

Where a morbidity standard specified in Appendix A is on an aggregate basis, such morbidity standard may be adjusted to reflect the effect of insurer underwriting by policy duration. The adjustments must be appropriate to the underwriting and be acceptable to the Commissioner.

(d) Reserve Method.

(i) For insurance except long-term care and return of premium or other deferred cash benefits, the minimum reserve is the reserve calculated on the two-year full preliminary term method; that is, under which the terminal reserve is zero at the first and also the second contract anniversary.

(ii) For long-term care insurance, the minimum reserve is the reserve calculated on the one-year full preliminary term method.

(iii) For return of premium or other deferred cash benefits, the minimum reserve is the reserve calculated as follows:

On the one year preliminary term method if such benefits are provided at any time before the twentieth anniversary;

On the two year preliminary term method if such benefits are only provided on or after the twentieth anniversary.

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The preliminary term method may be applied only in relation to the date of issue of a contract. Reserve adjustments introduced later, as a result of rate increases, revisions in assumptions (e.g., projected inflation rates) or for other reasons, are to be applied immediately as of the effective date of adoption of the adjusted basis.

(e) Negative Reserves. Negative reserves on any benefit may be offset against positive reserves for other benefits in the same contract, but the total contract reserve with respect to all benefits combined may not be less than zero.

C. Alternative Valuation Methods and Assumptions Generally

Provided the contract reserve on all contracts to which an alternative method or basis is applied is not less in the aggregate than the amount determined according to the applicable standards specified above; an insurer may use any reasonable assumptions as to interest rates, termination and/or mortality rates, and rates of morbidity or other contingency. Also, subject to the preceding condition, the insurer may employ methods other than the methods stated above in determining a sound value of its liabilities under such contracts, including, but not limited to the following: the net level premium method; the one-year full preliminary term method; prospective valuation on the basis of actual gross premiums with reasonable allowance for future expenses; the use of approximations such as those involving age groupings, groupings of several years of issue, average amounts of indemnity, grouping of similar contract forms; the computation of the reserve for one contract benefit as a percentage of, or by other relation to, the aggregate contract reserves exclusive of the benefit or benefits so valued; and the use of a composite annual claim cost for all or any combination of the benefits included in the contracts valued.

D. Tests For Adequacy and Reasonableness of Contract Reserves

Annually, an appropriate review shall be made of the insurer's prospective contract liabilities on contracts valued by tabular reserves, to determine the continuing adequacy and reasonableness of the tabular reserves giving consideration to future gross premiums. The insurer shall make appropriate increments to such tabular reserves if such tests indicate that the basis of such reserves is no longer adequate; subject, however, to the minimum standards of Section 4B.

In the event a company has a contract or a group of related similar contracts, for which future gross premiums will be restricted by contract, insurance department regulations, or for other reasons, such that the future gross premiums reduced by expenses for administration, commissions, and taxes will be insufficient to cover

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future claims, the company shall establish contract reserves for such shortfall in the aggregate.

Section 5. Reinsurance

Increases to, or credits against reserves carried, arising because of reinsurance assumed or reinsurance ceded, must be determined in a manner consistent with these minimum reserve standards and with all applicable provisions of the reinsurance contracts which affect the insurer's liabilities.

APPENDIX A. SPECIFIC STANDARDS FOR MORBIDITY, INTEREST AND MORTALITY

I. MORBIDITY

A. Minimum morbidity standards for valuation of specified individual contract health insurance benefits are as follows:

(1) Disability Income Benefits Due to Accident or Sickness.

(a) Contract Reserves:

Contracts issued on or after January 1, 1965 and prior to January 1, [YEAR]:
The 1964 Commissioners Disability Table (64 CDT).

Contracts issued on or after January 1, [YEAR]:
The 1985 Commissioners Individual Disability Tables A (85CIDA); or

The 1985 Commissioners Individual Disability Tables B (85CIDB).

Contracts issued during [YEAR or YEARS]:
Optional use of either the 1964 Table or the 1985 Tables.

Each insurer shall elect, with respect to all individual contracts issued in any one statement year, whether it will use Tables A or Tables B as the minimum standard. The insurer may, however, elect to use the other tables with respect to any subsequent statement year.

(b) Claim Reserves:

The minimum morbidity standard in effect for contract reserves on currently issued contracts, as of the date the claim is incurred.

(2) Hospital Benefits, Surgical Benefits and Maternity Benefits (Scheduled benefits or fixed time period benefits only).

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(a) Contract Reserves:

Contracts issued on or after January 1, 1955, and before January 1, 1982:
The 1956 Intercompany Hospital-Surgical Tables.

Contracts issued on or after January 1, 1982:
The 1974 Medical Expense Tables, Table A, Transactions of the Society of Actuaries, Volume XXX, pg. 63. Refer to the paper (in the same volume, pg. 9) to which this table is appended, including its discussions, for methods of adjustment for benefits not directly valued in Table A: "Development of the 1974 Medical Expense Benefits," Houghton and Wolf.

(b) Claim Reserves:

No specific standard. See (5).

(3) Cancer Expense Benefits (Scheduled benefits or fixed time period benefits only).

(a) Contract Reserves:

Contracts issued on or after January 1, 1986:
The 1985 NAIC Cancer Claim Cost Tables.

(b) Claim Reserves:

No specific standard. See (5).

(4) Accidental Death Benefits.

(a) Contract Reserves:

Contracts issued on or after January 1, 1965:
The 1959 Accidental Death Benefits Table.

(b) Claim Reserves:

Actual amount incurred.

(5) Other Individual Contract Benefits.

(a) Contract Reserves:

For all other individual contract benefits, morbidity assumptions are to be determined as provided in the reserve standards.

(b) Claim Reserves:

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For all benefits other than disability, claim reserves are to be determined as provided in the standards.

B. Minimum morbidity standards for valuation of specified group contract health insurance benefits are as follows:

(1) Disability Income Benefits Due to Accident or Sickness.

(a) Contract Reserves:

Contracts issued prior to January 1, [YEAR]:
The same basis, if any, as that employed by the insurer as of January 1, [SAME YEAR];

Contracts issued on or after January 1, [YEAR]:
The 1987 Commissioners Group Disability Income Table (87CGDT).

(b) Claim Reserves:

For claims incurred on or after January 1, [YEAR]:
The 1987 Commissioners Group Disability Income Table (87CGDT);

For claims incurred prior to January 1, [YEAR]:
Use of the 87CGDT is optional.

(2) Other Group Contract Benefits.

(a) Contract Reserves:

For all other group contract benefits, morbidity assumptions are to be determined as provided in the reserve standards.

(b) Claim Reserves:

For all benefits other than disability, claim reserves are to be determined as provided in the standards.

II. INTEREST

A. For contract reserves the maximum interest rate is the maximum rate permitted by law in the valuation of whole life insurance issued on the same date as the health insurance contract.

B. For claim reserves <u>on policies that require contract reserves,</u> the maximum interest rate is the maximum rate permitted by law in the valuation of whole life insurance issued on the same date as the claim incurral date.

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C. For claim reserves on policies not requiring contract reserves, the maximum interest rate is the maximum rate permitted by law in the valuation of single premium immediate annuities issued on the same date as the claim incurral date, reduced by one hundred basis points.

III. MORTALITY

A. Except as provided in Subsection B, tThe mortality basis used shall be according to a table (but without use of selection factors) permitted by law for the valuation of whole life insurance issued on the same date as the health insurance contract.

B. Other mortality tables adopted by the NAIC and promulgated by the commissioner may be used in the calculation of the minimum reserves if appropriate for the type of benefits and if approved by the commissioner. The request for such approval must include the proposed mortality table and the reason that the standard specified in Subsection A is inappropriate.

APPENDIX B. GLOSSARY OF TECHNICAL TERMS USED

As used in this valuation standard, the following terms have the following meaning:

ANNUAL-CLAIM COST. The net annual cost per unit of benefit before the addition of expenses, including claim settlement expenses, and a margin for profit or contingencies. For example, the annual claim cost for a $100 monthly disability benefit, for a maximum disability benefit period of one year, with an elimination period of one week, with respect to a male at age 35, in a certain occupation might be $12, while the gross premium for this benefit might be $18. The additional $6 would cover expenses and profit or contingencies.

CLAIMS ACCRUED. That portion of claims incurred on or prior to the valuation date which result in liability of the insurer for the payment of benefits for medical services which have been rendered on or prior to the valuation date, and for the payment of benefits for days of hospitalization and days of disability which have occurred on or prior to the valuation date, which the insurer has not paid as of the valuation date, but for which it is liable, and will have to pay after the valuation date. This liability is sometimes referred to as a liability for "accrued" benefits. A claim reserve, which represents an estimate of this accrued claim liability, must be established.

CLAIMS REPORTED. When an insurer has been informed that a claim has been incurred, if the date reported is on or prior to the valuation date, the claim is considered as a reported claim for annual statement purposes.

CLAIMS UNACCRUED. That portion of claims incurred on or prior to the valuation date which result in liability of the insurer for the payment of benefits for medical services expected to be rendered after the valuation date, and for benefits expected to be payable for days of hospitalization and days of disability occurring after the valuation date. This liability is sometimes

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referred to as a liability for unaccrued benefits. A claim reserve, which represents an estimate of the unaccrued claim payments expected to be made (which may or may not be discounted with interest), must be established.

CLAIMS UNREPORTED. When an insurer has not been informed, on or before the valuation date, concerning a claim that has been incurred on or prior to the valuation date, the claim is considered as an unreported claim for annual statement purposes.

DATE OF DISABLEMENT. The earliest date the insured is considered as being disabled under the definition of disability in the contract, based on a doctor's evaluation or other evidence. Normally this date will coincide with the start of any elimination period.

ELIMINATION PERIOD. A specified number of days, weeks, or months starting at the beginning of each period of loss, during which no benefits are payable.

GROSS PREMIUM. The amount of premium charged by the insurer. It includes the net premium (based on claim-cost) for the risk, together with any loading for expenses, profit or contingencies.

GROUP INSURANCE. The term group insurance includes blanket insurance and franchise insurance and any other forms of group insurance.

LEVEL PREMIUM. A premium calculated to remain unchanged throughout either the lifetime of the policy, or for some shorter projected period of years. The premium need not be guaranteed; in which case, although it is calculated to remain level, it may be changed if any of the assumptions on which it was based are revised at a later time.

Generally, the annual claim costs are expected to increase each year and the insurer, instead of charging premiums that correspondingly increase each year, charges a premium calculated to remain level for a period of years or for the lifetime of the contract. In this case the benefit portion of the premium is more than needed to provide for the cost of benefits during the earlier years of the policy and less than the actual cost in the later years. The building of a prospective contract reserve is a natural result of level premiums.

LONG-TERM CARE INSURANCE. Any insurance policy or rider advertised, marketed, offered or designed to provide coverage for not less than twelve (12) consecutive months for each covered person on an expense incurred, indemnity, prepaid or other basis; for one or more necessary or medically necessary diagnostic, preventive, therapeutic, rehabilitative, maintenance or personal care services, provided in a setting other than an acute care unit of a hospital. Such term also includes a policy or rider which provides for payment of benefits based upon cognitive impairment or the loss of functional capacity. Long-term care insurance may be issued by insurers; fraternal benefit societies; nonprofit health, hospital, and medical service corporations; prepaid health plans; health maintenance organizations or any similar organization to the extent they are otherwise authorized to issue life or health insurance. Long-term care insurance shall not include any insurance policy which is offered primarily to provide basic Medicare supplement coverage, basic hospital expense

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coverage, basic medical-surgical expense coverage, hospital confinement indemnity coverage, major medical expense coverage, disability income or related asset-protection coverage, accident only coverage, specified disease or specified accident coverage, or limited benefit health coverage.

MODAL PREMIUM. This refers to the premium paid on a contract based on a premium term which could be annual, semi-annual, quarterly, monthly, or weekly. Thus if the annual premium is $100 and if, instead, monthly premiums of $9 are paid then the modal premium is $9.

NEGATIVE RESERVE. Normally the terminal reserve is a positive value. However, if the values of the benefits are decreasing with advancing age or duration it could be a negative value, called a negative reserve.

PRELIMINARY TERM RESERVE METHOD. Under this method of valuation the valuation net premium for each year falling within the preliminary term period is exactly sufficient to cover the expected incurred claims of that year, so that the terminal reserves will be zero at the end of the year. As of the end of the preliminary term period, a new constant valuation net premium (or stream of changing valuation premiums) becomes applicable such that the present value of all such premiums is equal to the present value of all claims expected to be incurred following the end of the preliminary term period.

PRESENT VALUE OF AMOUNTS NOT YET DUE ON CLAIMS. The reserve for "claims unaccrued" (see definition), which may be discounted at interest.

RESERVE. The term "reserve" is used to include all items of benefit liability, whether in the nature of incurred claim liability or in the nature of contract liability relating to future periods of coverage, and whether the liability is accrued or unaccrued.

An insurer under its contracts promises benefits which result in:

(a) Claims which have been incurred, that is, for which the insurer has become obligated to make payment, on or prior to the valuation date. On these claims, payments expected to be made after the valuation date for accrued and unaccrued benefits are liabilities of the insurer which should be provided for by establishing claim reserves; or

(b) Claims which are expected to be incurred after the valuation date. Any present liability of the insurer for these future claims should be provided for by the establishment of contract reserves and unearned premium reserves.

TERMINAL RESERVE. This is the reserve at the end of a contract year, and is defined as the present value of benefits expected to be incurred after that contract year minus the present value of future valuation net premiums.

UNEARNED PREMIUM RESERVE. This reserve values that portion of the premium paid or due to the insurer which is applicable to the period of coverage extending beyond the valuation date. Thus if an annual premium of $120 was paid on

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November 1, $20 would be earned as of December 31 and the remaining $100 would be unearned. The unearned premium reserve could be on a gross basis as in this example, or on a valuation net premium basis.

VALUATION NET MODAL PREMIUM. This is the modal fraction of the valuation net annual premium that corresponds to the gross modal premium in effect on any contract to which contract reserves apply. Thus if the mode of payment in effect is quarterly, the valuation net modal premium is the quarterly equivalent of the valuation net annual premium.

APPENDIX C. RESERVES FOR WAIVER OF PREMIUM (Supplementary explanatory material)

Waiver of premium reserves involve several special considerations. First, the disability valuation tables promulgated by the NAIC are based on exposures that include contracts on premium waiver as in-force contracts. Hence, contract reserves based on these tables are NOT reserves on "active lives" but rather reserves on contracts "in force." This is true for the 1964 CDT and for both the 1985 CIDA and CIDB tables.

Accordingly, tabular reserves using any of these tables should value reserves on the following basis:

> Claim reserves should include reserves for premiums expected to be waived, valuing as a minimum the valuation net premium being waived.
>
> Premium reserves should include contracts on premium waiver as in-force contracts, valuing as a minimum the unearned modal valuation net premium being waived.
>
> Contract reserves should include recognition of the waiver of premium benefit in addition to other contract benefits provided for, valuing as a minimum the valuation net premium to be waived.

If an insurer is, instead, valuing reserves on what is truly an active life table, or if a specific valuation table is not being used but the insurer's gross premiums are calculated on a basis that includes in the projected exposure only those contracts for which premiums are being paid, then it may not be necessary to provide specifically for waiver of premium reserves. Any insurer using such a true "active life" basis should carefully consider, however, whether or not additional liability should be recognized on account of premiums waived during periods of disability or during claim continuation.

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STATE OF WEST VIRGINIA
Offices of the Insurance Commissioner

Legal Division

GASTON CAPERTON
Governor

HANLEY C. CLARK
Insurance Commissioner

July 28, 1995

HAND DELIVERED

Ms. Judy Cooper, Director
Administrative Law Division
Office of Secretary of State
State Capitol
Charleston, West Virginia 25305

Dear Ms. Cooper:

Enclosed please find for filing one (1) copy of the following:

(1) Notice of Agency Approval of a Proposed Rule and Filing with the Legislative Rule-Making Review Committee;

(2) Fiscal Note;

(3) Consent to Proposed Rule;

(4) Brief Summary of the Rule;

(5) Statement of Circumstances;

(6) Legislative Rule-Making Review Committee Questionnaire; and

(7) The agency-approved rule entitled "Minimum Reserve Standards for Individual and Group Health Insurance Contracts" (Series 44).

Please contact me if further information is required.

Very truly yours,

Donna S. Quesenberry

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Associate Counsel

DSQ/sar
Enclosures

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