Title 20—DEPARTMENT OF INSURANCE Division 200—Financial Examination Chapter 1—Financial Solvency and Accounting Standards

PROPOSED RULE

20 CSR 200-1.160 Valuation of Life Insurance Policies

PURPOSE: The purpose of this regulation is to provide: 1) tables of select mortality factors and rules for their use; 2) rules concerning a minimum standard for the valuation of plans with nonlevel premiums or benefits; and 3) rules concerning a minimum standard for the valuation of plans with secondary guarantees. The method for calculating basic reserves defined in this regulation will constitute the Commissioners' Reserve Valuation Method for policies to which this regulation is applicable.

(1) Applicability. This rule shall apply to all life insurance policies, with or without nonforfeiture values, issued on or after the effective date of this rule, subject to the following exceptions and conditions:

(A) Exceptions.

1. This rule shall not apply to any individual life insurance policy issued on or after the effective date of this rule if the policy is issued in accordance with and as a result of the exercise of a reentry provision contained in the original life insurance policy of the same or greater face amount, issued before the effective date of this rule, that guarantees the premium rates of the new policy. This rule also shall not apply to subsequent policies issued as a result of the exercise of such a provision, or a derivation of the provision, in the new policy.

2. This rule shall not apply to any universal life policy that meets all the following requirements:

A. Secondary guarantee period, if any, is five (5) years or less;

B. Specified premium for the secondary guarantee period is not less than the net level reserve premium for the secondary guarantee period based on the CSO valuation tables as defined in subsection (2)(F) and the applicable valuation interest rate; and,

C. The initial surrender charge is not less than one hundred percent (100%) of the first year annualized specified premium for the secondary guarantee period.

3. This rule shall not apply to any variable life insurance policy that provides for life insurance, the amount or duration of which varies according to the investment experience of any separate account or accounts.

4. This rule shall not apply to any variable universal life insurance policy that provides for life insurance, the amount or duration of which varies according to the investment experience of any separate account or accounts.

5. This rule shall not apply to a group life insurance certificate unless the certificate provides for a stated or implied schedule of maximum gross premiums required in order to continue coverage in force for a period in excess of one year.

(B) Conditions.

1. Calculation of the minimum valuation standard for policies with guaranteed nonlevel gross premiums or guaranteed nonlevel benefits (other than universal life policies), or both, shall be in accordance with the provisions of section (4).

2. Calculation of the minimum valuation standard for flexible premium and fixed premium universal life insurance policies that contain provisions resulting in the ability of a policyholder to keep a policy in force over a secondary guarantee period shall be in accordance with the provisions of section (5). (A) "Basic reserves" means reserves calculated pursuant to section 376.380.1(2)(b), RSMo.

(B) "Contract segmentation method" means the method of dividing the period from issue to mandatory expiration of a policy into successive segments, with the length of each segment being defined as the period from the end of the prior segment (from policy inception, for the first segment) to the end of the latest policy year as determined below. All calculations are made using the 1980 CSO valuation tables, as defined in subsection (F) of this section (or any other valuation mortality table adopted by the National Association of Insurance Commissioners (NAIC), after the effective date of this rule and promulgated by rule by the director for this purpose) and, if elected, the optional minimum mortality standard for deficiency reserves stipulated in subsection (3)(B) of this rule. The length of a particular contract segment shall be equal to the minimum of the value t for which G_t is greater than R_t (if G_t never exceeds R, the segment length is deemed to be the number of years from the beginning of the segment to the mandatory expiration date of the policy), where G_t and R_t are defined as follows:

$$G_{t} = \frac{GP_{x+k+t}}{GP_{x+k+t-1}}$$

where:

х

k

t

= original issue age;

- = the number of years from the date of issue to the beginning of the segment;
- = 1, 2, ...; *t* is reset to 1 at the beginning of each segment;
- $GP_{x+k+t-1}$ = Guaranteed gross premium per thousand of face amount for year *t* of the segment, ignoring policy fees only if level for the premium paying period of the policy.

$$\mathbf{R}_{t} = \frac{\mathbf{q}_{x+k+t}}{\mathbf{q}_{x+k+t-1}}$$

However, R_t may be increased or decreased by one percent in any policy year, at the company's option, but R_t shall not be less than one;

where:

x, k and t are as defined above, and

 $q_{x+k+t-1}$ = valuation mortality rate for deficiency reserves in policy year k+t but using the mortality of paragraph (3)(B)2. if paragraph (3)(B)3. is elected for deficiency reserves.

However, if GP_{x+k+t} is greater than 0 and $GP_{x+k+t-1}$ is equal to 0, G_t shall be deemed to be 1000. If GP_{x+k+t} and $GP_{x+k+t-1}$ are both equal to 0, G_t shall be deemed to be 0.

(C) "Deficiency reserves" means the excess, if greater than zero, of—

1. Minimum reserves calculated pursuant to section 376.380.1(2)(i), RSMo, over

2. Basic reserves.

(D) "Guaranteed gross premiums" means the premiums under a policy of life that are insurance guaranteed and determined at issue.

(E) "Maximum valuation interest rates" means the interest rates defined in section 376.380.2, RSMo, that are to be used in determining the minimum standard for the valuation of life insurance policies.

(F) "1980 CSO valuation tables" means the Commissioners' 1980 Standard Ordinary Mortality Table (1980 CSO Table) without ten-year selection factors, incorporated into section 376.380, RSMo, and 20 CSR 400-1.110, 20 CSR 400-1.120 and 20 CSR-1.130.

(G) "Scheduled gross premium" means the smallest illustrated gross premium at issue for other than universal life insurance policies. For universal life insurance policies, scheduled gross premium means the smallest specified premium described in paragraph (5)(A)3., if any, or else the minimum premium described in paragraph (5)(A)4.;

(H) Segmented Reserves.

1."Segmented reserves" means reserves, calculated using segments produced by the contract segmentation method, equal to the present value of all future guaranteed benefits less the present value of all future net premiums to the mandatory expiration of a policy, where the net premiums within each segment are a uniform percentage of the respective guaranteed gross premiums within the segment. The uniform percentage for each segment is such that, at the beginning of the segment, the present value of the net premiums within the segment equals:

A. The present value of the death benefits within the segment, plus

B. The present value of any unusual guaranteed cash value (see subsection (4)(D)) occurring at the end of the segment, less

C. Any unusual guaranteed cash value occurring at the start of the segment, plus

D. For the first segment only, the excess of part (I) over part (II) as follows:

(I) A net level annual premium equal to the present value, at the date of issue, of the benefits provided for in the first segment after the first policy year, divided by the present value, at the date of issue, of an annuity of one (1) per year payable on the first and each subsequent anniversary within the first segment on which a premium falls due. However, the net level annual premium shall not exceed the net level annual premium on the nineteen (19)-year premium whole life plan of insurance of the same renewal year equivalent level amount at an age one (1)-year higher than the age at issue of the policy.

(II) A net one (1)-year term premium for the benefits provided for in the first policy year.

2. The length of each segment is determined by the "contract segmentation method," as defined in this section.

3. The interest rates used in the present value calculations for any policy may not exceed the maximum valuation interest rate, determined with a guarantee duration equal to the sum of the lengths of all segments of the policy.

4. For both basic reserves and deficiency reserves computed by the segmented method, present values shall include future benefits and net premiums in the current segment and in all subsequent segments.

(I) "Tabular cost of insurance," means the net single premium at the beginning of a policy year for one (1)-year term insurance in the amount of the guaranteed death benefit in that policy year.

(J) "Ten-year select factors," means the select factors adopted with section 376.380, RSMo and 20 CSR 400-1.110, 20 CSR 400-1.120 and 20 CSR 400-1.130.

(K) Unitary Reserves.

1. "Unitary reserves" means the present value of all future guaranteed benefits less the present value of all future modified net premiums, where:

A. Guaranteed benefits and modified net premiums are considered to the mandatory expiration of the policy; and

B. Modified net premiums are a uniform percentage of the respective guaranteed gross premiums, where the uniform percentage is such that, at issue, the present value of the net premiums equals the present value of all death benefits and pure endowments, plus the excess of part (I) over part (II), as follows:

(I) A net level annual premium equal to the present value, at the date of issue, of the benefits provided for after the first policy year, divided by the present value, at the date of issue, of an annuity of one (1) per year payable on the first and each subsequent anniversary of the policy on which a premium falls due. However, the net level annual premium shall not exceed the net level annual premium on the nineteen (19)-year premium whole life plan of insurance of the same renewal year equivalent level amount at an age one (1) year higher than the age at issue of the policy.

(II) A net one (1)-year term premium for the benefits provided for in the first policy year.

2. The interest rates used in the present value calculations for any policy may not exceed the maximum valuation interest rate, determined with a guarantee duration equal to the length from issue to the mandatory expiration of the policy.

(L) "Universal life insurance policy" means any individual life insurance policy under the provisions of which separately identified interest credits (other than in connection with dividend accumulations, premium deposit funds or other supplementary accounts) and mortality or expense charges are made to the policy.

(3) General Calculation Requirements for Basic Reserves and Premium Deficiency Reserves.

(A) At the election of the company for any one or more specified plans of life insurance, the minimum mortality standard for basic reserves may be calculated using the 1980 CSO valuation tables with select mortality factors (or any other valuation mortality table adopted by the NAIC after the effective date of this rule and promulgated by rule by the director for this purpose). If select mortality factors are elected, they may be:

1. The ten (10)-year select mortality factors incorporated into Section 376.380, RSMo, and 20 CSR 400-1.100, 20 CSR 400-1.120 and 20 CSR 400-1.130;

2. The select mortality factors in the Appendix; or

3. Any other table of select mortality factors adopted by the NAIC after the effective date of this rule and promulgated by rule by the director for the purpose of calculating basic reserves.

(B) Deficiency reserves, if any, are calculated for each policy as the excess, if greater than zero, of the quantity A over the basic reserve. The quantity A is obtained by recalculating the basic reserve for the policy using guaranteed gross premiums instead of net premiums when the guaranteed gross premiums are less than the corresponding net premiums. At the election of the company for any one or more specified plans of insurance, the quantity A and the corresponding net premiums used in the determination of quantity A may be based upon the 1980 CSO valuation tables with select mortality factors (or any other valuation mortality table adopted by the NAIC after the effective date of this rule and promulgated by rule by the director). If select mortality factors are elected, they may be:

1. The ten (10)-year select mortality factors incorporated into section 376.380, RSMo, and 20 CSR 400-1.110, 20 CSR 400-1.120 and 20 CSR 400-1.130;

2. The select mortality factors in the Appendix of this rule;

3. For durations in the first segment, X percent of the select mortality factors in the Appendix, subject to the following:

A. X may vary by policy year, policy form, underwriting classification, issue age or any other policy factor expected to affect mortality experience;

B. X shall not be less than twenty percent (20%);

C. X shall not decrease in any successive policy years;

D. X is such that, when using the valuation interest rate used for basic reserves, part (I) is greater than or equal to part (II):

(I) The actuarial present value of future death benefits, calculated using the mortality rates resulting from the application of X;

(II) The actuarial present value of future death benefits calculated using anticipated mortality experience without recognition of mortality improvement beyond the valuation date; E. X is such that the mortality rates resulting from the application of X are at least as great as the anticipated mortality experience, without recognition of mortality improvement beyond the valuation date, in each of the first five (5) years after the valuation date;

F. The appointed actuary shall increase X at any valuation date where it is necessary to continue to meet all the requirements of paragraph (B)3.;

G. The appointed actuary may decrease X at any valuation date as long as X does not decrease in any successive policy years and as long as it continues to meet all the requirements of paragraph (B)3. of this section;

H. The appointed actuary shall specifically take into account the adverse effect on expected mortality and lapsation of any anticipated or actual increase in gross premiums; and

I. If X is less than one hundred percent (100%) percent at any duration for any policy, the following requirements shall be met:

(I) The appointed actuary shall annually prepare an actuarial opinion and memorandum for the company in conformance with the requirements of section 20 CSR 200-1.116(6); and

(II) The appointed actuary shall annually opine for all policies subject to this rule as to whether the mortality rates resulting from the application of X meet the requirements of paragraph (B)3. of this section. This opinion shall be supported by an actuarial report, subject to appropriate Actuarial Standards of Practice promulgated by the Actuarial Standards Board of the American Academy of Actuaries. The X factors shall reflect anticipated future mortality, without recognition of mortality improvement beyond the valuation date, taking into account relevant emerging experience.

4. Any other table of select mortality factors adopted by the NAIC after the effective date of this rule and promulgated by rule by the director for the purpose of calculating deficiency reserves.

(C) This subsection applies to both basic reserves and deficiency reserves. Any set of select mortality factors may be used only for the first segment. However, if the first segment is less than ten (10) years, the appropriate ten-year select mortality factors incorporated into section 376.380, RSMo, and 20 CSR 400-1.110, 20 CSR 400-1.120 and 20 CSR 400-1.130 may be used thereafter through the tenth policy year from the date of issue.

(D) In determining basic reserves or deficiency reserves, guaranteed gross premiums without policy fees may be used where the calculation involves the guaranteed gross premium, but only if the policy fee is a level dollar amount after the first policy year. In determining deficiency reserves, policy fees may be included in guaranteed gross premiums, even if not included in the actual calculation of basic reserves.

(E) Reserves for policies that have changes to guaranteed gross premiums, guaranteed benefits, guaranteed charges, or guaranteed credits that are unilaterally made by the insurer after issue and that are effective for more than one (1) year after the date of the change shall be the greatest of the following:

1. Reserves calculated ignoring the guarantee;

2. Reserves assuming the guarantee was made at issue; and

3. Reserves assuming that the policy was issued on the date of the guarantee.

(F) The director may require that the company document the extent of the adequacy of reserves for specified blocks, including, but not limited to policies issued prior to the effective date of this rule. This documentation may include a demonstration of the extent to which aggregation with other non-specified blocks of business is relied upon in the formation of the appointed actuary opinion pursuant to and consistent with the requirements of section 20 CSR 200-1.116(6).

(4) Calculation of Minimum Valuation Standard for Policies with Guaranteed Nonlevel Gross Premiums or Guaranteed Nonlevel Benefits (Other than Universal Life Policies).

(A) Basic Reserves. Basic reserves shall be calculated as the greater of the segmented reserves and the unitary reserves. Both the segmented reserves and the unitary reserves for any policy shall use the same valuation mortality table and selection factors. At the option of the insurer, in calculating segmented reserves and net premiums, either of the adjustments described in paragraph 1. or 2. of this subsection may be made:

1. Treat the unitary reserve, if greater than zero, applicable at the end of each segment as a pure endowment and subtract the unitary reserve, if greater than zero, applicable at the beginning of each segment from the present value of guaranteed life insurance and endowment benefits for each segment;

2. Treat the guaranteed cash surrender value, if greater than zero, applicable at the end of each segment as a pure endowment; and subtract the guaranteed cash surrender value, if greater than zero, applicable at the beginning of each segment from the present value of guaranteed life insurance and endowment benefits for each segment.

(B) Deficiency Reserves.

1. The deficiency reserve at any duration shall be calculated: A. On a unitary basis if the corresponding basic reserve determined by subsection (A) of this section is unitary;

B. On a segmented basis if the corresponding basic reserve determined by subsection (A) of this section is segmented; or

C. On the segmented basis if the corresponding basic reserve determined by subsection (A) of this section is equal to both the segmented reserve and the unitary reserve.

2. This subsection shall apply to any policy for which the guaranteed gross premium at any duration is less than the corresponding modified net premium calculated by the method used in determining the basic reserves, but using the minimum valuation standards of mortality (specified in subsection (3)(B)) and rate of interest.

3. Deficiency reserves, if any, shall be calculated for each policy as the excess if greater than zero, for the current and all remaining periods, of the quantity A over the basic reserve, where A is obtained as indicated in subsection (3)(B).

4. For deficiency reserves determined on a segmented basis, the quantity A is determined using segment lengths equal to those determined for segmented basic reserves.

(C) Minimum Value. Basic reserves may not be less than the tabular cost of insurance for the balance of the policy year, if mean reserves are used. Basic reserves may not be less than the tabular cost of insurance for the balance of the current modal period or to the paid to date, if later, but not beyond the next policy anniversary, if mid-terminal reserves are used. The tabular cost of insurance shall use the same valuation mortality table and interest rates as that used for the calculation of the segmented reserves. However, if select mortality factors are used, they shall be the ten (10)-year select factors incorporated into section 376.380, RSMo, and 20 CSR 400-1.110, 20 CSR 400-1.120 and 20 CSR 400-1.130. In no case may total reserves (including basic reserves, deficiency reserves and any reserves held for supplemental benefits that would expire upon contract termination) be less than the amount that the policy owner would receive (including the cash surrender value of the supplemental benefits, if any, referred to above), exclusive of any deduction for policy loans, upon termination of the policy.

(D) Unusual Pattern of Guaranteed Cash Surrender Values.

1. For any policy with an unusual pattern of guaranteed cash surrender values, the reserves actually held prior to the first unusual guaranteed cash surrender value shall not be less than the reserves calculated by treating the first unusual guaranteed cash surrender value as a pure endowment and treating the policy as an n year policy providing term insurance plus a pure endowment

equal to the unusual cash surrender value, where n is the number of years from the date of issue to the date the unusual cash surrender value is scheduled.

2. The reserves actually held subsequent to any unusual guaranteed cash surrender value shall not be less than the reserves calculated by treating the policy as an n year policy providing term insurance plus a pure endowment equal to the next unusual guaranteed cash surrender value, and treating any unusual guaranteed cash surrender value at the end of the prior segment as a net single premium, where:

A. n is the number of years from the date of the last unusual guaranteed cash surrender value prior to the valuation date to the earlier of:

(I) The date of the next unusual guaranteed cash surrender value, if any, that is scheduled after the valuation date; or

(II) The mandatory expiration date of the policy; and

B. The net premium for a given year during the n year period is equal to the product of the net to gross ratio and the respective gross premium; and

C. The net to gross ratio is equal to part (I) divided by part (II) as follows:

(I) The present value, at the beginning of the n year period, of death benefits payable during the n year period plus the present value, at the beginning of the n year period, of the next unusual guaranteed cash surrender value, if any, minus the amount of the last unusual guaranteed cash surrender value, if any, scheduled at the beginning of the n year period.

(II) The present value, at the beginning of the n year period, of the scheduled gross premiums payable during the n year period.

3. For purposes of this subsection, a policy is considered to have an unusual pattern of guaranteed cash surrender values if any future guaranteed cash surrender value exceeds the prior year's guaranteed cash surrender value by more than the sum of:

A. One hundred ten percent (110%) of the scheduled gross premium for that year;

B. One hundred ten percent (110%) of one (1)-year's accrued interest on the sum of the prior year's guaranteed cash surrender value and the scheduled gross premium using the nonfor-feiture interest rate used for calculating policy guaranteed cash surrender values; and

C. Five percent (5%) of the first policy year surrender charge, if any.

(E) Optional Exemption for Yearly Renewable Term Reinsurance (YRT). At the option of the company, the following approach for reserves on YRT reinsurance may be used:

1. Calculate the valuation net premium for each future policy year as the tabular cost of insurance for that future year;

2. Basic reserves shall never be less than the tabular cost of insurance for the appropriate period, as defined in subsection (4)(C);

3. Deficiency reserves.

A. For each policy year, calculate the excess, if greater than zero, of the valuation net premium over the respective maximum guaranteed gross premium.

B. Deficiency reserves shall never be less than the sum of the present values, at the date of valuation, of the excesses determined in accordance with subparagraph A. of this paragraph.

4. For purposes of this subsection, the calculations use the maximum valuation interest rate and the 1980 CSO mortality tables with or without ten (10)-year select mortality factors, or any other table adopted by the NAIC after the effective date of this rule and promulgated by rule of the director for this purpose.

5. A reinsurance agreement shall be considered YRT reinsurance for purposes of this subsection if only the mortality risk is reinsured.

6. If the assuming company chooses this optional exemption, the ceding company's reinsurance reserve credit shall be limited to

the amount of reserve held by the assuming company for the affected policies.

(F) Optional Exemption for Attained-Age-Based Yearly Renewable Term Life Insurance Policies. At the option of the company, the following approach for reserves for attained-age-based YRT life insurance policies may be used:

1. Calculate the valuation net premium for each future policy year as the tabular cost of insurance for that future year.

2. Basic reserves shall never be less than the tabular cost of insurance for the appropriate period, as defined in subsection (4)(C);

3. Deficiency reserves.

A. For each policy year, calculate the excess, if greater than zero, of the valuation net premium over the respective maximum guaranteed gross premium.

B. Deficiency reserves shall never be less than the sum of the present values, at the date of valuation, of the excesses determined in accordance with subparagraph A. of this paragraph.

4. For purposes of this subsection, the calculations use the maximum valuation interest rate and the 1980 CSO valuation tables with or without ten (10)-year select mortality factors, or any other table adopted by the NAIC after the effective date of this rule and promulgated by rule by the director for this purpose.

5. A policy shall be considered an attained-age-based YRT life insurance policy for purposes of this subsection if:

A. The premium rates (on both the initial current premium scale and the guaranteed maximum premium scale) are based upon the attained age of the insured such that the rate for any given policy at a given attained age of the insured is independent of the year the policy was issued; and

B. The premium rates (on both the initial current premium scale and the guaranteed maximum premium scale) are the same as the premium rates for policies covering all insured persons of the same sex, risk class, plan of insurance and attained age.

6. For policies that become attained-age-based YRT policies after an initial period of coverage, the approach of this subsection may be used after the initial period if:

A. The initial period is constant for all insured persons of the same sex, risk class and plan of insurance; or

B. The initial period runs to a common attained age for all insureds of the same sex, risk class and plan of insurance; and

C. After the initial period of coverage, the policy meets the conditions of paragraph 5. of this subsection.

7. If this election is made, this approach shall be applied in determining reserves for all attained-age-based YRT life insurance policies issued on or after the effective date of this rule.

(G) Exemption for Unitary Reserves for Certain *n*-Year Renewable Term Life Insurance Policies. Unitary basic reserves and unitary deficiency reserves need not be calculated for a policy if the following conditions are met:

1. The policy consists of a series of *n*-year periods, including the first period and all renewal periods, where *n* is the same for each period, except that for the final renewal period, *n* may be truncated or extended to reach the expiry age, provided that this final renewal period is less than ten (10) years and less than twice the size of the earlier *n*-year periods, and for each period, the premium rates on both the initial current premium scale and the guaranteed maximum premium scale are level;

2. The guaranteed gross premiums in all n-year periods are not less than the corresponding net premiums based upon the 1980 CSO Table with or without the ten (10)-year select mortality factors; and

3. There are no cash surrender values in any policy year.

(H) Exemption from Unitary Reserves for Certain Juvenile Policies. Unitary basic reserves and unitary deficiency reserves need not be calculated for a policy if the following conditions are met, based upon the initial current premium scale at issue:

1. At issue, the insured is age twenty-four (24) or younger;

2. Until the insured reaches the end of the juvenile period, which shall occur at or before age twenty-five (25), the gross premiums and death benefits are level, and there are no cash surrender values; and

3. After the end of the juvenile period, gross premiums are level for the remainder of the premium paying period, and death benefits are level for the remainder of the life of the policy.

(5) Calculation of Minimum Valuation Standard for Flexible Premium and Fixed Premium Universal Life Insurance Policies That Contain Provisions Resulting in the Ability of a Policyowner to Keep a Policy in Force Over a Secondary Guarantee Period.

(A) General.

1. Policies with a secondary guarantee include:

A. A policy with a guarantee that the policy will remain in force at the original schedule of benefits, subject only to the payment of specified premiums;

B. A policy in which the minimum premium at any duration is less than the corresponding one (1)-year valuation premium, calculated using the maximum valuation interest rate and the 1980 CSO valuation tables with or without ten (10)-year select mortality factors, or any other table adopted after the effective date of this rule by the NAIC and promulgated by regulation by the director for this purpose; or

C. A policy with any combination of subparagraphs A. and B. of this paragraph.

2. A secondary guarantee period is the period for which the policy is guaranteed to remain in force subject only to a secondary guarantee. When a policy contains more than one secondary guarantee, the minimum reserve shall be the greatest of the respective minimum reserves at that valuation date of each unexpired secondary guarantee, ignoring all other secondary guarantees. Secondary guarantees that are unilaterally changed by the insurer after issue shall be considered to have been made at issue. Reserves described in subsections (B) and (C) below shall be recalculated from issue to reflect these changes.

3. Specified premiums mean the premiums specified in the policy, the payment of which guarantees that the policy will remain in force at the original schedule of benefits, but which otherwise would be insufficient to keep the policy in force in the absence of the guarantee if maximum mortality and expense charges and minimum interest credits were made and any applicable surrender charges were assessed.

4. For purposes of this section, the minimum premium for any policy year is the premium that, when paid into a policy with a zero account value at the beginning of the policy year, produces a zero account value at the end of the policy year. The minimum premium calculation shall use the policy cost factors (including mortality charges, loads and expense charges) and the interest crediting rate which are all guaranteed at issue.

5. The one (1)-year valuation premium means the net one (1) year premium based upon the original schedule of benefits for a given policy year. The one (1)-year valuation premiums for all policy years are calculated at issue. The select mortality factors defined in paragraphs (3)(B)2., 3., and 4. may not be used to calculate the one (1)-year valuation premiums.

6. The one (1)-year valuation premium should reflect the frequency of fund processing, as well as the distribution of deaths assumption employed in the calculation of the monthly mortality charges to the fund.

(B) Basic Reserves for the Secondary Guarantees. Basic reserves for the secondary guarantees shall be the segmented reserves for the secondary guarantee period. In calculating the segments and the segmented reserves, the gross premiums shall be set equal to the specified premiums, if any, or otherwise to the minimum premiums, that keep the policy in force and the segments will be determined according to the contract segmentation method as defined in subsection (2)(B).

(C) Deficiency Reserves for the Secondary Guarantees. Deficiency reserves, if any, for the secondary guarantees shall be calculated for the secondary guarantee period in the same manner as described in subsection (4)(B) with gross premiums set equal to the specified premiums, if any, or otherwise to the minimum premiums that keep the policy in force.

(D) Minimum Reserves. The minimum reserves during the secondary guarantee period are the greater of:

1. The basic reserves for the secondary guarantee plus the deficiency reserve, if any, for the secondary guarantees; or

2. The minimum reserves required by other rules or regulations governing universal life plans.

(6) This rule incorporates by reference the Appendix hereto containing tables of select mortality factors.

(7) Effective Date. This rule shall become effective thirty (30) days after publication in the *Code of State Regulations*.

Appendix to Rule 20 CSR 200-1.160 Valuation of Life Insurance Policies

SELECT MORTALITY FACTORS

This appendix contains tables of select mortality factors that are the bases to which the respective percentage of Section (3)(A)2, (3)(B)2, and (3)(B)3 are applied.

The six tables of select mortality factors contained herein include: (1) male aggregate, (2) male nonsmoker, (3) male smoker, (4) female aggregate, (5) female nonsmoker, and (6) female smoker.

These tables apply to both age last birthday and age nearest birthday mortality tables.

For sex-blended mortality tables, compute select mortality factors in the same proportion as the underlying mortality. For example, for the 1980 CSO-B Table, the calculated select mortality factors are eighty percent (80%) of the appropriate male table in this Appendix, plus twenty percent (20%) of the appropriate female table in this Appendix.

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SELECT MORTALITY FACTORS

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0-15	100	100	100	100	100	100	100	100	100	100	100	100		100	100	100	100	100	100	100
16	100	100	100	100	100		100	100	100	100		100		100		1	100	100	100	8
17	100	100	100	100	100		100	100	100	<u>0</u>		100		100			100	100	100	100
18	96	98	98	66	66		100	90	92	92		92		93			98	98	66	100
19	83	84	84	87	87		79	79	79	81		82		82			91	94	97	100
20	69	71	71	74	74		69	67	69	70		71		71			84	90	95	100
21	99	68	69	11	66		67	99	67	70		70	70	71			83	88	94	100
22	65	99	99	63	63		2	64	65	68		68		69			83	88	94	100
23	62	63	59	60	62		63	63	64	65		67		69			82	88	94	100
24	60	56	56	59	59		61	61	61	64		64		67			82	88	94	100
25	52	53	55	56	58		60	09	60	63		63		67			81	88	94	100
26	51	52	55	56	58		57	61	61	62		64		69			80	86	93	100
27	51	52	55	57	58		61	61	60	63		64		99			80	87	93	100
28	49	51	56	58	60		61	62	62	63		99		99			81	87	94	001
29	49	51	56	58	99		62	62	62	64		62		67			82	88	94	001
30	49	50	56	58	60		62	63	63	64	i	63		68			83	88	94	100
31	47	50	56	58	60		63	64	64	62		66		70			83	68	94	100
32	46	49	56	59	60		63	99	62	63		67		72			84	68	95	100
33	43	49	56	59	62		64	62	65	99		70		73			85	90	95	100
34	42	47	56	60	62		61	63	99	67		71		75			86	90	95	100
35	40	47	56	60	63		62	65	67	68		73		76			86	90	95	100
36	38	42	56	60	59		63	65	67	68		72		76			86	91	95	100
37	38	45	56	57	61		63	65	67	68		72		76			86	90	95	100
38	37	44	53	58	61		65	99	67	69		73		76			86	91	95	100
39	37	41	53	58	62		65	65	99	68		72		76			86	90	95	100
40	34	40	53	58	62		65	65	66	68		71		76			86	91	95	100
			Í]

ssue											ì	DULTATION								
Age		5	e	4	s	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20+
41	34	41	53	58	62	63	65	64	64	66	68	70	74	76	77	82	86	16	95	100
4	34	43	53	58	61	62	63	63	63	64	99	69	72	75	17	82	86	16	95	100
1 3	34	4	54	59	09	61	63	62	62	64	66	67	72	74	17	82	86	91	95	100
44	34	44	54	58	59	60	61	09	61	62	64	67	71	74	77	82	86	91	95	100
1 5	34	45	53	58	59	60	60	60	59	60	63	99	71	74	77	82	86	16	95	100
46	31	43	52	56	57	58	59	59	59	60	63	67	71	74	75	80	85	6	95	100
47	32	42	50	53	55	56	57	58	59	60	65	68	71	74	75	80	85	90	95	100
1 8	32	41	47	52	54	56	57	57	57	61	65	68	72	73	74	67	84	90	95	100
6	30	40	46	49	52	54	55	56	57	61	99	69	72	73	74	79	84	90	95	100
20	30	38	4	47	51	53	54	56	57	61	99	11	72	73	75	80	85	90	95	100
12	28	37	42	46	49	53	54	56	57	61	99	71	72	73	75	80	85	90	95	100
2	28	35	41	45	49	51	54	56	57	61	99	71	72	74	75	80	85	90	100	100
5	27	35	39	44	48	51	53	55	57	61	67	71	74	75	76	81	86	100	100	100
2	27	33	38	44	48	50	53	55	57	61	67	72	74	75	76	81	100	100	100	100
55	25	32	37	43	47	50	53	55	57	61	68	72	74	75	78	100	100	100	100	100
20	25	32	37	43	47	49	51	54	56	61	67	70	73	74	<u>0</u>	100	100	100	100	100
5	24	31	38	43	47	49	51	5	56	59	66	69	72	100	100	100	100	100	100	100
80	24	31	38	43	48	48	50	53	56	59	64	67	100	100	100	100	100	100	100	100
6	23	30	39	43	48	48	51	53	55	58	63	100	100	100	100	100	100	100	100	100
9	23	30	39	43	48	47	50	52	53	57	8	100	100	100	100	100	100	100	100	100
E	23	30	39	43	49	49	50	52	53	75	100	100	100	100	100	<u>8</u>	100	100	100	100
2	23	30	39	44	49	49	51	52	75	75	100	100	100	100	100	100	100	100	100	100
3	22	30	39	45	50	50	52	75	75	75	100	100	100	100	100	100	100	100	100	100
7	22	30	39	45	50	51	75	75	75	75	100	100	100	100	100	100	100	100	100	100
3	22	30	39	45	50	65	70	70	70	70	100	100	100	100	100	100	100	100	100	100
5 6	22	30	39	45	60	65	70	70	70	70	100	100	100	100	100	100	100	100	100	100
5	22	30	39	60	60	65	70	70	70	70	100	100	100	100	100	100	100	100	001	<u>8</u>
œ	23	32	55	60	60	65	70	70	70	10	100	100	100	100	100	100	100	100	100	100
66	23	52	55	60	60	65	50	70	20	02	100	100	100	100	100	100	100	100	100	100
2	48	52	55	60	60	65	70	70	70	70	100	100	100	100	100	100	100	100	100	100

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Age 1																			
	7	ę	4	s	9	-	8	6	10	11	12	13	14	15	16	17	18	19	20+
	52	55	60	60	65	70	70	70	70		100	100	100	100	100	100	100	100	10
	52	55	60	09	65	70	70	70	70	100	100	100	100	100	100	100	100	100	100
	52	55	60	60	65	70	70	70	70	100	100	100	100	100	100	100	100	100	100
	52	55	60	60	65	70	70	70	70	100	100	100	100	100	100	100	100	100	100
	52	55	60	60	65	70	70	70	70	100	100	100	100	100	100	100	100	100	100
76 48	52	55	60	60	65	70	70	70	100	100	100	100	100	100	100	100	100	100	100
	52	55	60	60	65	70	70	100	100	100	100	100	100	100	001	100	100	100	100
	52	55	60	60	65	70	100	100	100	100	100	100	100	100	100	100	001	100	100
	52	55	60	09	65	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	52	55	60	60	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	52	55	60	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	52	55	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	52	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
85+ 100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	8	100	100

Aggregate	Ê
Male, A	

Issue								N	Male, Non-Smoker Du	on-Si	noker Dur	ker Duration								
Age		7	۳	4	S	6	-	~	6	10	H	12	13	14	15	16	17	18	19	20+
0-15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18	93	95	96	98	90	100	100	90	92	92	6	92	95	95	96	97	98	98	66	100
19	80	81	83	86	87	87	79	79	79	81	81	82	83	83	86	89	92	94	97	100
20	65	68	69	72	74	69	69	67	69	70	71	11	72	72	75	80	85	90	95	100
21	63	99	68	11	66	99	67	99	67	70	70	70	71	71	73	78	84	89	95	100
22	62	65	66	62	63	6	64	64	67	68	68	68	70	70	73	78	84	89	95	100
23	60	62	58	60	62	62	63	63	64	67	68	68	67	69	71	LL	83	88	94	100
24	59	55	56	58	59	60	61	61	63	65	67	99	99	69	71	LL	83	88	94	100
25	52	53	55	56	58	58	60	60	19	64	64	64	64	67	70	76	82	88	94	100
26	51	53	55	56	58	60	61	61	61	63	64	64	99	69	67	74	80	87	93	100
27	51	52	55	58	60	60	61	61	62	63	4	66	67	66	67	74	80	87	93	100
28	49	52	57	58	60	61	63	62	62	64	99	99	63	99	68	74	81	87	94	100
29	49	51	57	60	61	61	62	62	63	64	99	63	65	67	68	74	81	87	94	100
30	49	51	57	60	61	62	63	63	63	64	62	63	99	68	70	76	82	88	94	100
31	47	50	57	60	60	62	63	64	64	62	63	65	67	70	11	LL	83	88	94	100
32	46	50	57	60	62	63	64	64	62	63	65	99	68	71	72	78	83	89	94	100
33	45	49	56	60	62	63	64	62	63	65	99	68	71	73	74	79	84	6	95	100
34	43 6	48	56	62	63	64	62	62	65	66	67	70	72	74	74	79	84	90	95	100
35	41	47	56	62	63	61	62	63	66	67	68	70	72	74	75	80	85	90	95	100
36	40	47	56	62	59	61	62	63	66	67	68	70	72	74	75	80	85	06	95	100
37	38	45	56	58	59	61	3	63	66	67	67	69	1	73	74	79	84	8	95	100
38	38	45	53	58	61	62	63	65	65	67	68	70	72	74	13	78	84	89	95	100
39	37	41	53	58	61	62	63	64	65	67	68	70	71	73	73	78	84	89	95	100
40	34	41	53	58	61	62	63	64	64	66	67	69	71	73	72	78	83	89	94	100

Issue											1									
–		2	6	4	S	9	7	×	6	10	11	12	13	14	15	16	17	18	19	20+
-	34	41	53	58	61	61	62	62	63	65	65	67	69	71	11	77	83	88	94	100
	34	43	53	58	60	61	62	61	61	63	64	66	67	69	71	LL	83	88	94	100
	32	43	53	58	60	61	60	60	60	09	62	64	66	68	69	75	81	88	94	100
	32	44	52	57	59	60	60	59	59	58	60	62	65	67	69	75	81	88	94	100
	32	44	52	57	59	60	59	57	57	57	59	61	છ	99	68	74	81	87	94	100
	32	42	50	54	56	57	57	56	55	56	59	61	63	65	67	74	80	87	93	100
	30	40	48	52	54	55	55	54	54	55	59	61	62	63	66	73	80	86	93	100
	30	40	46	49	51	52	53	53	5	55	57	61	62	63	63	70	78	85	93	100
	29	39	43	48	50	51	50	51	53	54	57	61	61	62	62	70	LL	85	92	100
	29	37	42	45	47	48	49	50	51	54	57	(9	61	61	61	69	LL	84	92	100
51	27	35	40	43	45	47	48	50	51	53	57	60	61	61	62	70	LL	85	92	100
	27	34	39	42	44	45	48	49	50	53	56	09	60	62	62	70	LL	85	100	100
	25	31	37	41	44	45	47	49	50	51	56	59	61	61	62	70	LL	100	100	100
	25	30	36	39	43	44	47	48	49	51	55	59	59	61	62	70	100	100	100	100
	24	29	35	38	42	43	45	48	49	50	56	58	59	61	62	100	100	100	100	100
	23	29	35	38	42	42	44	47	48	50	55	57	58	59	100	100	100	100	100	100
	23	28	35	38	42	42	43	4 5	47	49	53	55	56	100	100	100	100	100	100	100
	22	28	33	37	4]	41	43	45	45	47	51	53	100	100	100	100	100	100	100	100
	22	26	33	37	4	41	42	44	44	46	50	100	100	100	100	100	100	100	100	100
	20	26	33	37	41	40	41	42	42	45	100	100	100	100	100	100	100	100	100	100
<u> </u>	20	26	33	37	41	40	41	42	42	75	100	100	100	100	100	100	100	100	100	100
	19	25	32	38	4	40	41	42	75	75	100	100	100	100	300	100	100	<u>100</u>	100	100
	19	25	33	36	40	40	41	75	75	75	100	100	100	100	100	100	100	100	100	100
	18	24	32	36	39	40	75	75	75	75	100	100	100	100	100	100	100	100	100	100
	18	24	32	36	39	65	70	70	20	70	100	100	100	100	100	100	100	100	100	100
	18	24	32	36	60	65	70	70	70	70	100	100	100	00I	100	100	100	100	100	100
_	18	24	32	60	09	65	70	70	70	70	100	100	100	100	100	100	100	100	100	100
	18	24	55	60	60	65	70	70	70	70	100	100	100	100	100	100	100	100	001	100
	18	52	55	60	60	65	70	70	70	5	100	100	100	100	100	100	100	100	100	100
_	48	52	55	60	60	65	70	70	70	5	100	100	100	100	100	100	100	100	100	100

Issue											Dur	Duration								:
Age	1	17	m	4	Ś	9	۲	8	6	10	11	12	13	14	15	16	17	18	19	20+
11	48	52	55	60			70	70	70	70	100	100	100	100	100	100	100	100	100	100
72	48	52	55	60			02	70	20	20	100	100	100	100	100	8	100	001	100	100
73	48	52	55	60		65	70	70	02	70	100	100	100	100	100	100	100	100	100	100
74	48	52	55	09			70	70	70	70	100	100	100	100	100	100	100	100	100	100
75	48	52	55	60			20	70	70	70	100	100	100	100	100	100	100	100	100	100
76	48	52	55	60			70	70	70	100	100	100	100	100	100	100	100	100	100	100
77	48	52	55	60			70	70	100	100	100	100	100	100	100	100	100	100	100	100
78	48	52	55	60		65	70	100	100	100	100	100	100	100	100	100	100	001	100	100
79	48	52	55	60			100	100	100	100	100	100	100	100	100	100	100	100	100	100
80	48	52	55	60		-	100	100	100	100	100	100	100	100	100	100	100	100	100	100
81	48	52	55	60		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
82	48	52	55	100		-	100	100	100	100	100	100	100	100	100	100	100	100	100	100
83	48	52	100	100		100	100	100	100	001	100	100	100	100	100	100	100	100	100	100
84	48	100	100	100		100	100	100	100	100	100	100	001	100	100	100	100	100	100	100
85+	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

ion-Smok	
Male, N	

									Male	Male, Smoker	ker									
Issue												Duration	E							
Age	-	7	e	4	s	9	-	8	6	10	11	12	13	14	15	16	17	18	19	20+
0-15	100	100	100	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	l —	100	100	100	100		100	100	100	100	100	100	100	100	100
17	100	100	100	100	100		100	100	100	100		100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	-	100	100	100	100		100	100	100	100	100	100	100	100	100
19	100	100	100	100	100		100	100	100	100		100	100	100	100	100	100	100	100	100
20	98	100	100	100	100	100	100	66	99	66	100	66	99	96	100	100	100	100	100	100
21	95	98	66	100	95		96	95	96	67		96	96	96	96	97	98	98	66	100
22	92	95	96	96	8		93	92	93	95		93	93	92	93	94	96	97	66	100
23	90	92	85	88	88		89	89	90	90		90	89	90	92	94	95	76	98	100
24	87	81	82	85	84		88	86	86	88		86	86	88	89	91	93	96	98	100
25	77	78	62	82	81		83	82	83	85		84	84	85	86	89	92	94	97	100
26	75	17	79	82	82		83	82	83	84		84	84	85	81	85	89	92	96	100
27	73	75	78	82	82		83	82	82	82		84	84	80	81	85	89	92	96	100
28	71	73	79	82	81		83	81	81	82		82	80	80	81	85	89	92	96	100
29	69	72	78	81	81		82	81	81	81		77	80	80	81	85	89	92	96	100
30	68	11	78	81	81		82	81	81	81		LL	80	80	81	85	8	92	96	100
31	65	70	LL	81	19		82	81	81	76		79	81	81	83	86	6	93	97	100
32	63	67	<i>LL</i>	78	79		81	81	76	77		80	83	83	85	88	91	94	97	100
33	60	65	74	78	79		81	76	LL	LL		80	83	85	85	88	91	94	97	100
34	57	62	74	LL	79		75	76	LL	79		81	83	85	87	96	92	95	97	100
35	53	60	73	LL	79		75	76	LL	79		82	84	86	88	6	93	95	98	100
36	52	59	71	75	74		75	76	77	79		81	83	85	87	6	92	95	97	100
37	49	58	70	11	74		75	76	LL	78		81	84	86	86	89	92	94	97	100
38	48	55	99	70	72		74	75	76	78		81	83	85	87	6	92	95	97	100
39	45	50	65	70	72		74	74	75	LL		81	84	86	86	89	92	94	97	100
40	41	49	63	68	71		73	74	74	76		80	83	85	86	89	92	94	97	100

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	Issue											-	Duration	u							
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Age	1	7	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20+
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	41	40	49	63	68	71	72	72	72	73	75	76	78	81	84	85	88	91	94	97	100
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	42	40	49	62	68	70	11	71	71	71	73	75	76	81	83	85	88	91	94	97	100
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	43	39	50	62	67	69	69	70	70	70	11	73	76	79	83	85	88	91	94	97	100
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	44	39	50	09	99	68	69	68	69	69	69	71	74	79	81	85	88	16	94	97	100
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	45	37	50	60	99	68	68	68	67	67	67	69	73	78	81	85	88	91	94	97	100
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	46	37	48	58	63	65	67	99	99	66	67	71	74	78	81	84	87	90	94	97	100
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	47	36	47	55	61	63	64	64	64	65	67	71	75	79	81	84	87	96	94	97	100
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	48	35	46	53	58	60	62	63	63	65	67	72	75	79	81	83	86	90	93	97	100
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	49	34	45	51	56	58	59	61	62	63	67	72	11	80	81	83	86	90	93	97	100
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	50	34	43	49	53	55	57	09	61	63	67	73	78	80	81	81	85	89	92	96	100
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	51	32	4	47	52	55	57	99	61	63	67	73	78	80	83	84	87	90	94	97	100
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	52	32	40	46	50	54	56	99	61	63	67	73	78	81	84	85	88	91	94	100	100
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	53	30	37	44	49	54	56	59	61	65	61	74	79	83	85	87	90	92	100	100	100
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	54	30	36	43	48	53	55	59	61	65	67	74	80	84	85	89	91	100	100	100	100
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	55	29	35	42	47	53	55	59	61	65	67	75	80	84	86	90	100	100	100	100	100
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	56	28	35	42	47	53	55	57	09	63	68	74	61	83	85	100	100	100	100	100	100
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	57	28	35	42	47	53	54	57	60	64	67	74	78	81	100	100	100	100	100	100	100
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	63	24	33	45	51	56	56	59	75	75	75	100	100	100	100	100	100	100	100	100	100
24 34 45 52 57 65 70 70 70 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100	64	24	34	45	51	57	57	75	75	75	75	100	100	100	100	100	100	100	100	100	100
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27 52 55 60 60 65 70 70 70 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 <t< th=""><th>68</th><th>25</th><th>36</th><th>55</th><th>60</th><th>60</th><th>65</th><th>70</th><th>20</th><th>70</th><th>20</th><th>100</th><th>100</th><th>100</th><th>100</th><th>8</th><th>100</th><th>100</th><th>100</th><th>100</th><th>100</th></t<>	68	25	36	55	60	60	65	70	20	70	20	100	100	100	100	8	100	100	100	100	100
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Age	1	7	e	4	s	9	-	∞	6	10	11	12	13	14	15	16	17	18	19	20+
0-15	100	100	100	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	001	100	100	100	100	100	100	100	100	100	100	100	100
17	66	100	100	100	100	100	100	100	93	95		97	76	100	100	100	100	100	100	100
18	83	83	84	84	84	84	86	78	78	79		84	85	88	88	90	93	95	98	100
19	65	99	68	68	68	68	63	63	64	99		71	72	74	75	80	85	90	95	100
20	48	50	51	51	51	47	48	48	49	51		57	58	61	63	70	78	85	93	100
21	47	48	50	51	47	47	48	49	51	53		60	61	64	64	71	78	86	93	100
22	44	47	48	45	47	47	48	49	53	54		61	63	64	99	73	80	86	93	100
23	42	45	44	45	47	47	49	51	53	54		64	64	67	69	75	81	88	94	100
24	39	40	42	4 4	47	47	50	51	54	56		64	99	69	70	76	82	88	94	100
25	34	38	41	4	47	47	50	53	56	57		67	69	71	73	78	84	89	95	100
26	34	38	41	45	49	49	51	56	58	59		69	70	73	70	76	82	88	94	100
27	34	38	41	47	50	51	54	57	59	60		70	73	70	71	17	83	88	94	100
28	34 24	37	43	47	53	53	56	59	62	63		73	70	72	74	79	84	90	95	100
29	34	38	43	49	54	56	58	60	63	64		70	72	74	75	80	85	8	95	100
30	35	38	43	50	56	56	59	63	99	67		71	74	75	76	81	86	90	95	100
31	35	38	43	51	56	58	60	64	67	65		72	74	75	76	81	86	90	95	100
32	35	39	45	51	56	59	63	99	65	66		72	75	76	76	81	86	90	95	100
33	36	39	44	52	58	62	64	65	99	67		74	75	76	76	81	86	8	95	100
34	36	40	45	52	58	63	63	99	67	68		74	76	76	76	81	86	8	95	100
35	36	4	45	53	59	61	65	67	68	70		74	75	76	75	80	85	8	95	8
36	36	4	45	53	55	62	65	67	68	50		74	74	75	75	80	85	8	95	100
37	36	41	47	52	57	62	65	67	68	69		72	73	75	74	67	84	6	95	100
38	34	41	44	52	57	63	99	68	69	70		11	72	74	75	80	85	8	95	100
39	34	4	45	53	58	63	66	68	69	69		70	70	73	4	79	84	8	95	100
40	32	40	45	53	58	65	65	67	68	69		69	70	73	73	78	84	89	95	100

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Issue					ŀ	Ĩ				ŀ	Duration	tion			ŀ					ſ
Age	1	7	m	4	S	9	7	8	9	10	11	12	13	14	15	16	17	18	19	20+
41	32	9	45	53	57	63	64	67	68	68	69	69	69	73	74	79	84	90	95	100
42	32	40	45	52	56	61	63	65	99	68	69	68	70	74	75	80	85	8	95	100
43	31	39	45	51	55	59	61	65	65	99	68	69	69	74	77	82	86	91	95	100
44	31	39	45	50	54	58	61	63	64	66	67	68	71	75	78	82	87	16	96	100
45	31	38	44	49	53	56	59	62	63	65	67	68	71	77	79	83	87	92	96	100
46	29	37	43	48	51	54	59	62	63	65	67	69	71	LL	78	82	87	91	96	100
47	28	35	41	46	49	54	57	19	62	99	68	69	71	LL	17	82	86	91	95	100
48	28	35	4	44	49	52	57	61	63	66	68	71	72	75	77	82	86	91	95	100
49	26	34	39	43	47	52	55	61	\tilde{c}	67	69	71	72	75	75	80	85	6	95	100
50	25	32	38	41	46	50	55	19	63	67	69	72	72	75	74	79	84	90	95	100
51	25	32	38	41	45	50	55	61	63	99	68	69	71	74	74	79	84	90	95	100
52	23	30	36	41	45	51	56	61	62	65	99	68	68	73	73	78	84	89	100	100
53	23	30	36	4]	47	51	56	61	62	63	65	99	68	72	72	78	83	100	100	100
54	22	29	35	41	47	53	57	61	61	62	62	99	99	69	70	76	100	100	100	100
55	22	29	35	41	47	53	57	61	61	61	62	63	64	68	69	100	100	100	100	100
56	22	29	35	41	45	51	56	59	60	61	62	63	64	67	100	100	100	100	100	100
57	22	29	35	41	45	50	54	56	58	59	61	62	63	100	100	001	100	100	100	100
58	22	30	36	41	44	49	53	56	57	57	61	62	100	100	100	100	100	100	100	100
59	22	30	36	41	4	48	51	53	55	56	59	100	100	100	100	18	100	100	100	100
60	22	30	36	41	43	47	50	51	53	55	001	8	901	10	100	8	<u>10</u>	100	100	100
61	22	29	35	39	42	46	49	50	52	80	100	100	100	100	100	100	100	100	100	100
62	20	28	33	39	41	45	47	49	80	80	100	100	100	100	001	100	100	100	100	100
63	20	28	33	38	41	44	46	80	80	80	100	100	100	100	001	100	100	100	100	100
64	19	27	32	36	40	42	80	80	80	80	100	100	100	100	100	100	100	100	100	100
65	19	25	30	35	39	72	75	75	80	80	100	100	100	100	100	100	100	100	100	100
99	19	25	30	35	72	72	75	75	80	80	100	100	100	100	100	100	100	100	100	100
67	19	25	30	72	72	72	75	75	80	80	100	100	100	001	100	100	100	100	100	100
68	19	25	68	72	72	72	75	75	80	80	100	100	100	100	100	100	100	100	100	100
69	19	64	68	72	72	72	75	75	80	80	100	100	100	100	100	100	100	001	100	100
70	3	60	64	68	68	72	75	75	80	80	8	100	8	8	100	100	100	100	100	100

Issue											Dur	ation								
Age	-	7	e	4	S	6	۲	8	6	10	11	12	13	14	15	16	17	18	19	20+
IL	60		64	68		72	75	75	80	80	100	100	100	100	100	100	100	001	100	100
72	60		64	68		72	75	75	80	80	100	100	100	100	100	100	100	100	100	100
73	60		64	68		72	75	75	80	80	100	100	100	100	100	100	100	100	100	100
74	09		64	68		72	75	75	80	80	100	100	100	100	100	100	100	100	100	100
75	60	99	64	68	68	72	75	75	80	80	100	100	100	100	100	100	100	100	100	100
76	60		64	68		72	75	75	80	100	100	100	100	100	100	100	100	100	100	100
77	09		64	68		72	75	75	100	100	100	100	100	100	100	100	100	100	100	100
78	60		64	68		72	75	100	100	100	100	100	100	100	100	100	100	100	100	100
97	60		64	68		72	100	100	100	100	100	100	100	100	100	100	100	100	100	100
80	09		64	68		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
81	60		64	68		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
82	60		64	100		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
83	60		100	100		100	001	100	100	100	100	100	100	100	100	100	100	100	100	100
84	60		100	100		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
85+	100		100	100		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
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Aggregate	Dura
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Issue											Duration	tion								
Age		7	£	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20+
0-15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	001	100	100	100	100	100	100	100	100	100
17	96	98	98	98	98	66	66	66	92	92	93	95	95	97	66	66	66	100	100	100
18	78	80	80	80	80	81	81	74	75	75	78	79	82	83	85	88	16	94	97	100
19	60	62	63	63	63	65	59	59	60	60	64	67	67	70	72	78	83	89	94	100
20	42	4	45	45	45	42	42	42	45	45	50	51	53	56	58	99	75	83	92	100
21	41	4	44	45	41	42	42	44	47	47	51	53	54	57	59	67	75	84	92	100
22	39	41	44	4	41	42	44	45	49	49	54	56	57	58	60	68	76	84	32	100
23	38	41	38	40	41	42	44	46	49	50	56	57	58	60	62	70	77	85	22	100
24	36	36	38	40	41	42	46	47	50	51	58	59	99	62	63	70	78	85	93	100
25	32	34	37	40	41	43	46	49	51	53	59	60	62	63	64	71	78	86	93	100
26	32	34	37	41	43	45	47	50	53	53	60	62	63	64	62	70	LL	85	92	100
27	32	34	38	43	46	47	49	51	53	55	62	63	64	62	8	70	LL	85	92	100
28	30	34	39	43	47	49	51	53	56	58	63	63	61	62	63	70	78	85	93	100
29	30	35	40	45	50	51	52	55	58	59	64	61	62	63	63	70	78	85	93	100
30	31	35	40	46	51	52	53	56	59	60	62	62	63	65	65	72	79	86	93	100
31	31	35	40	46	51	53	55	58	60	58	62	62	63	65	65	72	79	86	93	100
32	32	35	40	45	51	53	56	59	57	58	62	63	63	65	64	71	78	86	93	100
33	32	36	41	47	52	55	58	55	58	59	63	63	65	65	65	72	79	86	93	100
34	33	36	41	47	52	55	55	57	58	59	63	65	64	65	4	11	78	86	93	100
35	33	36	41	47	52	53	57	58	59	61	63	64	64	64	64	71	78	86	93	100
36	33	36	41	47	49	53	57	58	59	61	63	64	63	64	63	70	78	85	93	100
37	32	36	41	44	49	53	57	58	59	60	62	62	61	62	63	70	78	85	93	100
38	32	37	39	45	50	54	57	58	60	60	61	61	61	62	61	69	LL	84	92	100
39	30	35	39	45	50	54	57	58	09	59	60	60	59	60	61	69	77	84	92	100
40	28	35	39	45	50	54	56	57	59	59	60	59	59	59	09	89	76	2	92	100

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1	-	2	en	4	s	9	-	∞	6	10	11	12	13	14	15	16	17	18	19	20+
1	28	35	39	45	49	52	55	55	58	57	58	59	58	59	60	68	76	84	92	100
	27	35	39	44	49	52	54	55	56	57	57	57	58	60	61	69	LL	84	92	100
	27	34	39	44	47	50	53	53	55	55	56	57	56	60	61	69	LL	84	92	100
	26	34	38	42	47	50	52	53	54	55	55	55	56	61	62	70	LL	85	92	100
	26	33	38	42	45	48	51	51	52	53	54	55	56	61	62	70	<i>LL</i>	85	92	100
	24	32	37	6	43	47	49	51	52	53	54	55	56	60	19	69	77	84	92	100
	24	30	35	39	4	45	47	49	51	53	54	55	56	59	60	68	76	84	92	100
	23	30	35	37	40	44	47	49	50	53	54	55	55	59	57	66	74	83	16	001
	23	29	33	35	39	42	45	48	50	53	54	55	55	57	56	65	74	82	16	100
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AUTHORITY: section 374.045, RSMo Supp. 1999 and 376.676, RSMo 2000. Original rule filed June 15, 2000.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than \$500 in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than \$500 in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: A public hearing on the proposed rule will begin at 10:00 a.m., September 5, 2000, in Room 630 of Harry S Truman State Office Building, 301 West High Street, Jefferson City, MO 65101. Any person who requests in writing at least seven days in advance of the hearing to be heard will be heard. Others may be heard if convenient. Any interested person, heard or not, may submit written comments supporting or opposing this proposed rule. Requests to be heard and/or comments should be addressed to Diane Garber, Senior Counsel, Missouri Department of Insurance, Legal Section, Harry S Truman State Office Building, Room 630, P.O. Box 690, Jefferson City, MO 65102-0690. To be considered, written comments must be received within thirty days after publication of this notice in the **Missouri Register**.

SPECIAL NEEDS: Persons with special needs addressed by the Americans with Disabilities Act should contact the Missouri Department of Insurance at least ten days prior to the hearing at one of the following numbers: Consumer Services Hotline Number 1-800-726-7390 or TDD number 1-573-751-4126.

Title 20—DEPARTMENT OF INSURANCE Division 400—Life, Annuities and Health Chapter 7—Health Maintenance Organizations

PROPOSED AMENDMENT

20 CSR 400-7.180 Standard Form To Establish Credentials. The department is amending section (2) and and replacing Exhibit A that follows this rule in the *Code of State Regulations*.

PURPOSE: This amendment allows Missouri licensed health maintenance organizations to use other states' standardized credentialing forms that have been approved by the director prior to their use. This amendment is promulgated pursuant to section 354.485, RSMo, and implements section 354.442.1(15), RSMo.

(2) The form provided in Exhibit A shall be used by all health carriers and their agents when credentialing or recredentialing health care professionals in a managed care plan. Use of another state's standardized credentialing form is permissible so long as the director determines prior to its use that it is substantially similar to the form in Exhibit A. Requests for the director's approval of the use of another state's standardized credentialing form should be submitted to the following address: Missouri Department of Insurance, Managed Care Section, P.O. Box 690, Jefferson City, MO 65102-0690. A request must include a complete copy of the form to be approved and the name, address and telephone number of the person requesting approval. The director will provide written notice to all Missouri licensed health maintenance organizations of the approval of the use of another state's standardized credentialing form. The director also will provide on the department's Internet home page a copy of Missouri's Standardized Credentialing Form with a list of other state standardized credentialing forms that have been approved.

AUTHORITY: sections 354.442.1(15), RSMo [Supp. 1997] Supp. 1999 and 354.485, RSMo 1994. Original rule filed Nov. 3, 1997, effective June 30, 1998. Amended: Filed June 6, 2000.

PUBLIC COST: This proposed amendment will cost the Department of Insurance \$55.94 per year for the life of the rule plus a one time cost of \$249.19.

PRIVATE COST: This proposed amendment will save private entities \$84,000 per year for the life of the rule.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: A public hearing on this proposed amendment is scheduled for August 21, 2000, at 10:00 a.m., in Room 630, Truman State Office Building, 301 West High Street, Jefferson City, Missouri. Opportunity to be heard at the hearing shall be afforded any interested person. Anyone may file a statement in support of or in opposition to this proposed amendment with the Department of Insurance, ATTN: Carrie Couch, P.O. Box 690, Jefferson City, MO 65102-0690, or via Internet E-mail at ccouch0@mail.state.mo.us, prior to the hearing.

SPECIAL NEEDS: If you have special needs addressed by the Americans With Disabilities Act, please notify us at (573) 526-2619 at least five working days prior to the hearing.

Fiscal Note Public Entity Cost

I. RULE NUMBER

Title: 20 - Department of Insurance

Division: <u>400 – Life, Annuities and Health</u>

Chapter: 7-Health Maintenance Organization

Type of Rulemaking: Proposed Amendment

Rule: 20 CSR 400-7.180 - Standard Form to Establish Credentials

II. SUMMARY OF FISCAL IMPACT

There is a one time cost of \$249.19 to the Department of Insurance to modify the existing rule and standard form. The Department estimates a cost of \$55.94 per year for the remainder of the life of the rule.

III. WORKSHEET

The Department paid one Healthcare Specialist for eight (8) hours at \$16.70 per hour to modify the existing rule and form. 30 licensed HMOs and 1 HMO operating under the license of a health services corporation will be mailed one computer disk and one 12 page copy of the modified rule and standard form. The Department pays 54.9 cents for a computer disk. The Department charges 20 cents per page for copies. It costs the Department 78 cents to mail one computer disk and one 12 page copy of the modified rule and standard form.

8 hours of work for 1 Healthcare Specialist paid at \$16.70 per	\$133.59
hour 31 sets of 11 page modified form plus 1 page modified rule @	\$ 74.40
20¢ per page 31 computer disks @ 54.9¢ per disk	\$ 17.02
31 packages containing 1 disk and 12 pages @ 78¢ per package	\$ 24.18
Total one time cost to the Department	\$249.19

The department expects an average of fifteen credentialling packages will mailed each year thereafter for a total \$55.94 per year.

IV. ASSUMPTIONS

The Department has observed a stable number of HMOs for the past two years, with a balance of market exits and new market entrants. There is no compelling reason to expect that this situation will change significantly in the immediate future.

The Department is aware that most HMOs delegate some or all credentialling activities to companies who do nothing but provider credentialling all over the country. Currently the Department has no mechanism for tracking the number of such companies in Missouri, or the frequency with which such companies move into and out of the market. However, in the last 2 years, the Department has mailed approximately 15 credentialling packages per year to various credentialling entities.

The Department is able to take advantage of the internet to disseminate copies of the rule and the form. The cost of updating the departmental website is negligible, since website maintenance is already a sunk cost. The effort required to place updated files on the departmental website is also negligible. The Department routinely directs interested parties to the website for copies of the existing rule and form, if such parties have internet access. Therefore, the Department bears no cost for dissemination of copies of the modified rule and form via the internet.

Fiscal Note Private Entity Cost

I. RULE NUMBER

Title: 20 - Department of Insurance

Division: 400 - Life, Annuities and Health

Chapter: 7 - Health Maintenance Organization

Type of Rulemaking: Proposed Amendment

Rule: 20 CSR 400-7.180 - Standard Form to Establish Credentials

II. SUMMARY OF FISCAL IMPACT

The proposed amendment to the existing rule and form will cut the cost of credentialling activities in the Kansas City Metropolitan area and in the counties of western Missouri by \$84,000.00 per year for the life of the rule.

III. WORKSHEET

There are currently 16 HMOs operating in the Kansas City Metropolitan Area, 15 of which are licensed in both Kansas and Missouri. HMOs in Missouri typically maintain networks of approximately 6,000 providers. Each HMO licensed to serve both Kansas and Missouri must credential their providers separately for each state.

Providers typically pay office staff to complete credentialling forms. Pay for office staff is \$7.00 per hour on average. It takes an office staff person approximately 2 hours to complete a credentialling form. Providers must complete credentialling forms for each company with which they contract. Providers in the Kansas City area currently must complete credentialling forms for both Missouri and Kansas. There are 16 HMOs currently operating in the Kansas City area, 15 of which are licensed in both Kansas and Missouri. Therefore:

12,000
12,000
\$14.00
6168,000

IV. ASSUMPTIONS

The Department assumes the proposed modifications will reduce by 50% the number of forms necessary and the amount of time and money required to comply with the existing rule, which does not allow substitution of the Kansas form for the Missouri form if those forms are substantially identical.

Exhibit A	
	Standardized
	Credentialing
	Form
	To Be Used
By Health	Maintenance Organizations
License	d in the State of Missouri
COMPLETE EACH SECT	ION AS THOROUGHLY AS POSSIBLE. PLEASE TYPE OR PRINT.
I. GENERAL INFORMATION	
1.	
Name (Last, First, Mi, Degree/Prof. A.P.N./P.A./Other)	Designation-M.D./D.Q./Ph.D./M.S.W./D.C./D.P.M./D.D.S./D.M.D./
2	
Home Address/Street	
3	4
City/State/ZIP	E-Mail Address
5.	6.
5. Other Names You May Have Used	(i.e. Maiden, etc.) Date of Birth (Month/Day/Year)
7	8.
7 Place of Birth	Social Security Number
9, Are You a U.S. Citizen? Yes	No 10. Sex: Male Female
If Not a Citizen of the U.S., Indicate	
Form Aut	horized by the Missouri Department of Insurance 1998
	COMPLETED FORM TO THE DEPARTMENT OF INSURANCE
Tay Talent of Inorthe	Page 1

II. C	OFFICE/PRACTIC	E INFORMA	TION						
if More	Than Two Offices, Check H	ere and Attach a	Copy of Page	e 3, Co	mpleting Questi	ions 22 - 40 for Each Office.			
1.	Participation Status For Whi	ich You Are Applying:	(Indicate Spe	ecialty)					
2.	Primary Care Specialty: _	9	ubspecialty:		F	Patient Ages:			
3.		ADDRESS/STREET	BUILDING/S	UITE					
3.	City/State/ZIP	·							
4. –	Tax ID # Owner/Corporate N	Vame as Appears on S	654 or W-9 F	arm (or	Full Legal Nam	e)			
5.	Business Name or Name By	Which the Provider 0	Group is Gene	arally Ki	nown	· · · · · · · · · · · · · · · · · · ·			
6.	Office Phone Number					mergency Number or Proced	ure		-
8.	Office Fax Number	· · · • • • • •		9.	Office E-Mail	Address			-
10.	Office Manager			11.	Federal Tax ID)#			_
12.	BILLING ADDRESS/STRE	ET (If Different From /	Above)	<u> </u>				. .	
13.									
14.	List Routine Office Hours:								
	Monday	Tuesday		Wed	nesday	Thursday	Frida	ay	
15.	Evening Hours: Yes	No II	f Yes, List Ho	urs Aft	er 5:00 P.M.		· · · ·		
	Monday	Tuesday		Wed	nesday	Thursday	Frida	чу	
16.	Weekend Hours: Yes	No		17(a)) Lab Service in	Your Öffice:			
	Saturday	Sunday			Yes	이 이 것을 다 한 것을 가지 않는			
	L	•			If Yes, specify Moderately Co	Waived, Physician Performs	말했던 지구 문장		
18.	Please check all of the follo	wing that you perform	IN THIS OFF	1 - 2	418-1914 				1
1	EKG Office gyneco	logy (Routine Pelvic/P	AP) metry/audiom	Drawin etrv sc	g Blood	Age appropriate immunizat Flexible sigmoidoscopy	ions		
	Laceration Repair	Pulmonary Function St	tudies	Asth	ima Treatment .	Allergy Skin Testing	 		
	Osteopathic manipulation	IV hydration/tr	eatment	Ot	her (please spec	:ify)			
19.	(a) Languages Spoken (oth	er than English):			(b) Are Interp	reters Available? Yes	No		
	Health Care Provider			•	Staff				
20.	Does Your Office: (a) Have 24-Hr. Phone Cov	(CIRCLE ONE)	Y	N	(b) Qualify as	; a Minority Business Enterpr	ise?	Y	N
	(c) Have Capability for Elec		Ý	N	•••	hild Care Services?		Y	N
1	(e) Meet ADA Accessibility	Standards?	Y	N	• /	lic Transportation Accessibili	ity?	Y	N
1	(g) Collaborate With an Ad	vanced Nurse Practitio	oner or Physic violius Practic	o or Pu	Sistant (P.A.)? A Agreement(s) & the Name(s) of the Individ	iual(s)	Ŷ	N
	(h) Type of Practice:	Solo Single Spe	cialty Group	M	ultispecialty Gro				
21.	Do You Currently:	(CIRCLE ONE)	Y	N	(h) Accept Mr	w Patients By Physician Refer	ral Onl∨2	Y	N
	(a) Accept New Patients In(c) Have Medicare Certification	ation?	Y	N	(d) Accept M	edicare Assignment?		Y	N
	(e) Provide Inpatient Care?	,	Y	N	(1) Accept M	edicaid Assignment?		Ŷ	N
and the set	Steening .								
Second States	at woman		F	Page	92				
has not set of the set									

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II. C	OFFICE/PRACTIC		ÛN .					
f More	Than Two Offices, Check H	ere and Attach a Cop	by of Page 3	, Completing Questio	ons 22 - 40 for Each Office.			
22	Participation Status For Wh	ich You Are Applying: (Inc	licate Speci	altvì				
0.0	Primary Care Specialty: _	Subs	pecialty:	P	atient Ages:			
23.	PRIMARY OFFICE	ADDRESS/STREET/BUI	LDING/SUI	TE				
24.								
05	City/State/ZIP							
25.	Tax ID # Owner/Corporate N	Name as Appears on SS4	or W-9 Forr	a (or Full Legal Name	e)		• •	_
26.	-							
07	Business Name or Name By	y Which the Provider Grou	p is Genera	lly Known 28.				
27.	Office Phone Number		-	After Hours/Err	ergency Number or Proced	ure		_
29.			_	30				
	Office Fax Number			Office E-Mall A 32.	ddress			
31.	Office Manager		-	Federal Tax ID	#			
33.						8		
	BILLING ADDRESS/STRE	ET (If Different From Abov	re)					
34.	Billing City/State/ZIP	· ····································			<u> </u>			
	•							
35.	List Routine Office Hours: Monday	Tuesday		Vednesday	Thursday	Friday		
	- Wonday							
36	Evening Hours: Yes	No lfYe	s. List Hour:	s After 5:00 P.M.				
	Monday	Tuesday	i	Vednesday	Thursday	Friday		
						I		
37.	Weekend Hours: Yes	No	3	8 (a) Lab Service in	Your Office:	行行的复数	Hat.	91
	Saturday	Sunday	l	Yes	No			1.
			; ¥	8.(b)	Waved, Physician Performe	d Microscopy		1
			:		mplex, Highly Complex			÷.
20	Oleann shaali all af the falls	wing that you parform (N 1						
39	Please check all of the follo				Age appropriate immunizat	ions		
	X-Rays Minor Surg	jery Tympanometr	y/audiometr	y screening	Flexible sigmoidoscopy			
	Laceration Repair	Pulmonary Function Studie	es	Asthma Treatment _	Allergy Skin Testing	!		
	Osteopathic manipulation _	IV hydration/treatn	nent	Other (please spec	ify)			
40.	(a) Languages Spoken (oth	er than English):		(b) Are Interpr	eters Available? Yes	No		
	Harden Develder		<u> </u>	Staff		· · · · · · · · · · · · · · · · · · ·		
	Health Care Provider							
41.	Does Your Office:	(CIRCLE ONE)		N (1-) Our difference	- Minerity Duningon Entoror	(a.a.)	Y	N
	(a) Have 24-Hr. Phone Cov(c) Have Capability for Electronic		Y Y		a Minority Business Enterpr hild Care Services?	196 :	Ý	N
	(e) Meet ADA Accessibility		Ŷ		ic Transportation Accessibil	ity?	Y	N
	(g) Collaborate With an Ad	vanced Nurse Practitioner	or Physicia	n Assistant (P.A.)?			Y	N
		of Appropriate Collaborativ Solo Single Specialt		or P.A. Agreement(s) Multispecialty Grou	& the Name(s) of the Individual Other	lual(s).		
					ties, and Coverage Arranger	nents.		
				· ·				
42	. Do You Currently: (a) Accept New Patients In	(CIRCLE ONE) ito Practice?	Y	N (b) Accept Nev	w Patients By Physician Refe	ral Only?	Y	N
	(c) Have Medicare Certifica		Ŷ		edicare Assignment?	·	Y	N
	(e) Provide Inpatient Care?	,	Y	N (f) Accept Me	edicaid Assignment?		Y	N
- n ⁷	Marga							
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	raining. Attach Additional Sheets if Necessary.
Medical/Professional School Name	
Address/Street	
City/State/Zip/Country	
From: To:	5
Dates Attended (month/year)	Degree(s) Awarded
	hool, Are You Certified by the Education Council for Foreign Enclose a Copy of Your Certificate With This Application.
Yes No	Enclose a Copy of Four Certificate With This Application.
POSTGRADUATE TRAINING:	
Institution None	
Institution Name	
Address/Street	
City/State/Zip	
From: To:	5
Dates Attended (month/year)	Department Chair/Program Director
Type of Internship (Rotating/Straight) - If Strai	
Type of Internship (Rotating/Straight) - If Straig	gnt, mease List Specialty.
0.000	
POSTGRADUATE TRAINING:	FIRST RESIDENCY
	FIRST RESIDENCY
Institution Name	
Institution Name	
POSTGRADUATE TRAINING: Institution Name Address/Street	
Institution Name Address/Street	
Institution Name Address/Street City/State/Zip	
Institution Name Address/Street City/State/Zip	
Institution Name Address/Street City/State/Zip From: To:	5
Institution Name Address/Street City/State/Zip From: To:	5
Institution Name Address/Street City/State/Zip From: To: Dates Attended (month/year) Type of Residency	5 Department Chair/Program Director
Institution Name Address/Street City/State/Zip From: To: Dates Attended (month/year) Type of Residency	5
Institution Name Address/Street City/State/Zip From: To: Dates Attended (month/year) Type of Residency	5 Department Chair/Program Director
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Institution Name Address/Street City/State/Zip From: To: Dates Attended (month/year) Type of Residency . POSTGRADUATE TRAINING: Institution Name Address/Street City/State/Zip	5
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Institution Name Address/Street City/State/Zip From: To: Dates Attended (month/year) Type of Residency POSTGRADUATE TRAINING: Institution Name Address/Street City/State/Zip From: To:	5

	OTHER
Institution Name	
Address/Street	
	1.0
City/State/Zip	5.
From: To; Dates Attended (month/year)	o Department Chair/Program Director
HOSPITAL AFFILIATIONS: PRIMARY	
CURRENT PRIMARY HOSPITAL NAME	· ·
Address/Street	
City/State/Zip	5. From: To:
Status of Privileges (INDICATE BY USING KEY)	Dates Affiliated (month/year)
Status of Privileges Key	10 Senior Staff 13 Consulting
1 Active 4 Associate 7 Courtesy 2 Courtesy Provisional Staff 5 Visiting 8 Admitting	11 Provisional 14 Pending
3 Active Provisional Staff 6 Temporary 9 CO-Admitting	12 Suspended 15 Other:
If CO-Admitting Status, List Other Admitting Physician(s) Any Past or Present Restriction of Privileges? Yes No	(IF YES, EXPLAIN)
. HOSPITAL AFFILIATIONS: OTHER	
HOSPITAL NAME	
Address/Street	······································
Oth (Change (7))	
City/State/Zip	<u>,, , , , , , , , , , , , , , , , , , ,</u>
	5a. From: To:
Status of Privileges (INDICATE BY USING KEY)	5a. <u>From:</u> To: Dates Affiliated (month/year)
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Status of Privileges (INDICATE BY USING KEY) If CO-Admitting Status, List Other Admitting Physician(s)	Dates Affiliated (month/year) (IF YES, EXPLAIN) 5b. From: To: Dates Affiliated (month/year)
Status of Privileges (INDICATE BY USING KEY) If CO-Admitting Status, List Other Admitting Physician(s)	Dates Affiliated (month/year) (IF YES, EXPLAIN) 5b. From: To: Dates Affiliated (month/year)
Status of Privileges (INDICATE BY USING KEY) If CO-Admitting Status, List Other Admitting Physician(s)	Dates Affiliated (month/year) (IF YES, EXPLAIN) 5b. From: To: Dates Affiliated (month/year)

	HOSPITAL NAME	
2c.		
	Address/Street	
3c.		
	City/State/Zip	
4c.		5c. <u>From:</u> To:
	Status of Privileges (INDICATE BY USING KEY)	Dates Affiliated (month/year)
	If CO-Admitting Status, List Other Admitting Physician(s, Any Past or Present Restriction of Privileges? Yes	
60.	Any Past or Present Restriction of Privileges? Yes	(iF YES, ZXPLAIN)
	. OTHER PRACTICE AFFILIATIONS (e	e.g. HIMOS, PPOS, IPAS, PHOS, etc.)
	Additional Pages If Necessary.	
1a.	Institution/Organization Name	····
2a.	Institution/organization Nestic	
	Address/Street	
3a.		
	City/State/Zip	
4a.	Type of Affiliation	5a. From: To:
	Type of Affiliation	Dates Affiliated (month/year)
1b.		
	Institution/Organization Name	
2b.	Address/Street	
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50.	City/State/Zip	
4b.		5b. From: To:
	Type of Affiliation	Dates Affiliated (month/year)
1c.		
	Institution/Organization Name	
2c.		
	Address/Street	
3c.	City/State/Zip	
4c.		5c. From: To:
	Type of Affiliation	Dates Affiliated (month/year)
1d.		
	Institution/Organization Name	
2d.		
l	Address/Street	
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4.1	City/State/Zip	5d. From: To:
4d.	Type of Affiliation	Dates Affiliated (month/year)
1e.		
	Institution/Organization Name	
2e.		
	Address/Street	
3e.		
	City/State/Zip	F. F
4e.	Trans - F Affiliation	5e. From: To: Dates Affiliated (month/year)
	Type of Affiliation	
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RIMARY SPECIALTY / BOARD CERTIFICATION	2 Certification Number
	4 Date of Certification
ame of Board	6.
piration Date	Date of Recertification (If Applicable)
Not Certified, Indicate Current Status and/or Date Intend	ling to Sit For Boards. 9.
ECONDARY SPECIALTY / BOARD CERTIFICATION	Certification Number
ame of Board	Date of Certification 13.
piration Date	Date of Recertification (If Applicable)
Not Certified, Indicate Current Status and/or Date Intend	ling to Sit For Boards.
ORK /PRACTICE HISTORY	
nologically All Employment, Including Self Employment	, For the Last Ten (10) Years. For Any Gap in
gy, Explain On a Separate Sheet. Leave No Time Perio	d Unaccounted For Within the Last Ten Years,
Previously Stated Training. Attach Additional Sheets I	f Necessary.
-	
AME of PREVIOUS PRACTICE	
ldress/Street	12
	4a Phone Number
ty/State/Zip	
le or Professional Occupation	6a. From: To: Dates of Employment (month/year)
le or Professional Occupation	Dates of Employment (nonaryses)
AME of PREVIOUS PRACTICE	
dress/Street	
	4 b.
ty/State/Zip	Phone Number
	6b. From: To:
tle or Professional Occupation	Dates of Employment (month/year)
AME of PREVIOUS PRACTICE	<u>, , , , , , , , , , , , , , , , , , , </u>
AME of PREVIOUS PRACTICE	4c
AME of PREVIOUS PRACTICE	Phone Number
AME of PREVIOUS PRACTICE	Phone Number 6c. From: To:
AME of PREVIOUS PRACTICE	Phone Number
AME of PREVIOUS PRACTICE	Phone Number 6c. From: To:
AME of PREVIOUS PRACTICE	Phone Number 6c. From: To:
AME of PREVIOUS PRACTICE ddress/Street ity/State/Zip tle or Professional Occupation	Phone Number 6c. From: To:
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AME of PREVIOUS PRACTICE iddress/Street ity/State/Zip tle or Professional Occupation AME of PREVIOUS PRACTICE	Phone Number 6c. From: To:
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AME of PREVIOUS PRACTICE iddress/Street ity/State/Zip tle or Professional Occupation AME of PREVIOUS PRACTICE ddress/Street ity/State/Zip	Phone Number 6c. From: To: Dates of Employment (month/year) 4d. Phone Number 6d. From: To:

	Profession. Please Attach Copies.
	2.
License/Certification/Registration Number; Licensing State	Expiration Date 4.
Other License/Certification/Registration Number; Licensing State	Expiration Date 6.
Other License/Certification/Registration Number; Licensing State	Expiration Date
Federal Drug Enforcement Agency (DEA) Number(s)	Expiration Date(s) 10.
CDS Certification Number (BNDD Number for Missouri)	Expiration Date
Medicare/Unique Provide ID Number (UPIN)	National Provider ID Number (NF
State Medicaid Number(s); Licensing State(s)	ECFMG Number
PROFESSIONAL LIABILITY INSURANCE INFO	
Attach a Copy of Your Current Certificate(s) or Declaration(s) of Insurance, In	iciuding HUSH for Kansas Practitioners.
CURRENT CARRIER NAME	
Address/Street	·
Autiesson	4 a .
City/State/Zip	Phone Number
on y oralisze p	6a. From: To:
Policy Number	Dates of Coverage (month/year)
Indicate Coverage Type: Claims Based Occurrence Ba	
Policy Limits: Per Occurrence \$	Aggregate \$
Carriers Within the Last Ten (10) Years. Attach Additional Sheets if N	
-	
Carriers Within the Last Ten (10) Years. Attach Additional Sheets if N	
Carriers Within the Last Ten (10) Years. Attach Additional Sheets if N	ecessary.
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currently or have you within the last ten (10) years been involved in a malp	
d treatment of a patient was at issue, including pending or dismissed case	
lawsuit? yes if yes, answer the following questions for EAC	
	2.
Patient Name	Plaintiff Name, If Other Than Patient
Your Involvement in the Case (Attending, Consulting, Etc.)	4
Your Involvement in the Case (Attending, Consulting, Etc.)	Date of Occurrence (month/day/year)
	6. Date Claim Was Filed (month/day/year)
Your Status in the Case	Date Claim Was Filed (month/day/year)
(Primary Defendant, Co-Defendant, Other)	
Professional Liability Insurance Carrier Involved	
	9
Carrier's Phone Number	Policy Number
Additional Defendants	
Describe the Allocations Accinet You:	
anna an tha tha tha ann an tha an tha an tha an tha ann an tha	
Describe the Alleged Injury to the Patient:	
Claimant/Plaintiff Filed Suit in Court? Yes No	<u> </u>
15	
	State County/Parish
	18
Federal Court (US District Court) Case Number	District
Federal Court (US District Court) Case Number Present Status of Claim: Open Closed	
Present Status of Claim: Open Closed	Pending
Present Status of Claim: Open Closed	Pending
Present Status of Claim: Open Closed	Pending
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	se Provide an Explanation For Any "Yes" Responses on a Separate Page. Have any of your board certifications ever been suspended, revoked, not renewed,			
	denied renewal, voluntarily or involuntarily surrendered?	Y	N	N/A
2.	Have you ever been named as a defendant in any criminal case?	Y	N	N/A
З.	Have you ever been convicted, pled guilty, or pled noto contendere to any felony, any offense reasonably related to your qualifications, functions, or duties as a medical professional, or any offense an essential element of which is fraud, dishonesty, or an act of violence?	Y	N	N/A
4.	Has your malpractice insurance ever been canceled, suspended, not renewed, special rated, or restricted by the exclusion of any specific procedures from coverage?	Y	N	N/A
5.	Have you ever been denied participation, suspended from, or denied renewal from the Medicare or Medicaid program, or had participation status modified?	Y	N	N/A
6.	Has your authority to practice in any state been suspended, revoked, voluntarily or involuntarily surrendered, been subject to a consent or stipulation order, not renewed, denied renewal, or has probation ever been invoked?	Y	N	N/A
7.	Has your federal or state controlled substance license ever been suspended, revoked, voluntarily or involuntarily surrendered, restricted, not renewed, denied renewal, or has probation ever been invoked?	Y	N	N/A
8.	Have your privileges at any hospital or other health care setting ever been suspended, revoked, voluntarily or involuntarily surrendered, reduced, restricted, not renewed, denied renewal, or has probation ever been invoked?	Y	N	N/A
9.	Within the last five years, have you ever been a participating provider of another HMO, PPO, PHO, or MSO, etc. with which you are not affiliated at this time?	Y	N	N/A
10.	Have you ever received sanctions from a regulatory agency (e.g., CLIA, OSHA, etc.)?	Y	Ν	N/A
11.	Has any information on you ever been reported to the National Practitioner Data Bank?	Y	N	N/A
12.	Are you currently engaged in the illegal use of drugs? ("illegal use of drugs" means the use of controlled substances obtained illegally, as well as the use of controlled substances which are not obtained pursuant to a valid prescription or not taken in accordance with the direction of a licensed health care practitioner. "Currently" does not mean on the day of or even the weeks preceding the completion of this application. Rather, it means recently enough so that the illegal use may have an impact on one's ability to practice.)	Y	Ν	N/A
13.	Within the last five years, have you ever been reprimanded or disciplined in any manner by any state licensing authority or other professional board or peer review committee for conduct related to the use of alcohol or the use of any drug?	Y	N	N/A
14	Have you discontinued practice for any reason (other than for routine vacation) for one month (30 days) or more?	Ŷ	N	N/A

			•				
Х. <i>,</i>	ADDITIONAL INFORMATION (continue	ed)					
15.	Do you or a member of your family own, have an investi	ment in, or otherwise have a					
	business interest in any clinical laboratory, diagnostic te						
	ambulatory surgery center, or other business dealing will						
	health services, equipment, or supplies? If so, please provide the following information, attaching	Y	Ν	N/A			
	In so, please provide the following thronhation, attaching	additional copies as necessary.					
(a))	(b) Type of Organization					
) Organization Name	Type of Organization					
(c))						
	Address/Street						
(d)							
	City/State/Zip						
		(5)					
(e)) Phone Number	(f) Federal Tax ID#					
(g)	Percent of Business Owned/Invested by Applicant	(h)					
			nvestor)			
	ADDITIONAL DOCUMENTATION / ATT.						
Pleas	se Attach Copies of the Following Documents (If	i Applicable):					
1.	W9 Form For Each Entity the Applicant Expects Will Re	ceive Payments or Reimbursements.					
2.	Collaborative Practice and/or Physician Assistant Agree	ment(s).					
З.	A List of Other Members of Your Practice, Their Specialties, and Coverage Arrangements.						
4.	Education Council for Foreign Medical Graduates (ECFI	MG) Certificate.					
5.	. Board Certification Certificate(s).						
6.	. Copies of Professional Diplomas, Internship, Residency, and Fellowship Certificates, As Applicable.						
7.	Current State Licenses (For All States Practicing).						
8.	Federal DEA Certificate.						
9.	State Controlled Substance Certificate(s) For All States	Practicing (i.e. BNDD for Missouri).					
10.	Current Certificate(s) or Declaration(s) of Insurance, Inc	luding HCSF for Kansas Practitioners.					
	Curriculum Vitae (If Required By Health Carrier).						
12.	Professional References (If Required By Health Carrier).						
13.			ne				
	Health Carrier to Which the Applicant is Seeking to Beck						
14.	Attach a copy of all postfraduate (CME) activities which credit in the past 2 years.	you have attended and for which you have received					
15	Include a list of societies of which you are currently a m	ember					
16.	Include copies of United States Military discharge paper currently serving.	s/DD214 if discharged from U.S. Military, or status i	if				
17	Include a copy of certificate showing CEIA waiver numb	er and identification number.					
	Provide a statement regarding the reasons for any inabl accomodations, for the practice in which you are seekin		ut				
Come and a							
Standard and		ge 11					