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 Long Term Care Administrative Services  
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**Actuarial Memorandum**

**Policy Forms:**

**FTQ (MD) 197 as Flex 2 TQ Series,  
 LTC 3 (MD) 1091 (REV92), LTC 3R (MD) 1091 (REV92) as LTC 3 / 4 Series,  
 LTC 5 TQ (MD) 1096 as LTC 5 TQ Series,  
 LTCP (MD) 690 as Golden Care Series,  
 GCPRO-III TQ LTC (MD) 497 and GCPRO-III TQ HHC (MD) 497 as Protector III TQ Series,  
 KLTCP 1 (MD) 690 as Future Care Series,  
 LI-LTCP (MD) 192 and LI-LTCP (MD2) 192 as Future Care 2 NTQ Series,  
 LI-LTCP TQ (MD) 197 as Future Care 2 TQ Series,  
 LI-LTCP TQ (MD) 600 as Future Care Pool TQ Series,  
 LTC-104-194-MD, LTC-105-194-MD, LTC-106-194-MD as TransCare Companion Series,  
 LTC 124-197-MD, LTC 125-197-MD, LTC 126-197-MD as TransCare TQ Series,  
 LTC 304-198-MD, LTC 305-198-MD as TransGenerations Series  
 3122 (00) 288 (3132 (00) 288) as LTC GRP Series,  
 GLTP 2 1289 & GHHC 1 189 (GLTC 2 1290 & GHHC 1 189 CERT) as LTC 2 GRP Series,  
 GLTP 3 1091 & GLTP 3R 1091 (GLTC 3 1091 & GLTC 3R 1091) as LTC 3/4 GRP Series,**

**Long Term Care Coverage**

**1) Scope and Purpose**

This rate filing is a request for two annual increases of 15% in premium, the first of which is to be effective upon approval by the state, on the base contract and all associated riders. This is in follow up to the 2017 approval of 15%. The original requested rate increase of the prior filing was 70%.

This premium rate increase is needed due to claim levels that produce lifetime loss ratios above the statutorily required minimum loss ratio.

This filing is also a request to allow the company to make available to eligible insureds with a benefit increase option (“BIO”) the means to partially or completely offset the rate increase request indicated above in return for agreeing to reduce the BIO growth factor applicable to their coverage. If elected, the reduced BIO growth factor would begin to apply at the same time the indicated rate increase would otherwise have become effective, if a contract anniversary, or the next contract anniversary thereafter if not a contract anniversary. Once applicable, the reduced BIO factor would remain in effect in all future years the contract remains in force. The growth in benefits accumulated from issue-to-date would not be lost for insureds electing this downgrade option. Insureds eligible for this downgrade option would be limited only to those who currently have BIO included in their coverage where benefit growth is unlimited. The reduced future BIO growth factors to which insureds would need to agree to completely offset the requested rate increase are as follows:

BIO Type	Current BIO Growth Factor	Reduced Future BIO Growth Factor	Rate Increase If Elected
Simple Unlimited	5.0%/year	2.11%/year	0%
Compound	5.0%/year	3.26%/year	0%

This BIO downgrade offer would only affect the rate increase request of this filing. Insureds who elect this BIO downgrade offer may still be subject to additional future rate action were it to become justified due to further deterioration of experience not currently anticipated as mentioned above.

The purpose of this memorandum is to file revised premium rates in this state and demonstrate that the anticipated loss ratio meets the minimum requirements of this state. This memorandum is not to be used for other purposes.

## 2) **Benefits \***

### **Flex 2 TQ Series**

#### *A. Nursing Home Benefit*

After satisfaction of the Nursing Home Elimination Period, the company will pay actual charges up to the Nursing Home Maximum Daily Benefit for each day during a Period of Confinement that an Insured Person requires Nursing Home Confinement. Benefits are payable up to the Nursing Home Lifetime Maximum Benefit. For the Flex 2 TQ Series, the confinement must be due to being Chronically Ill.

#### *B. Home Health Care Optional Riders*

*Rider Form(s): FHHRTQ (MD) 197 of Flex 2 TQ Series*

After satisfaction of the Home Health Care Elimination Period, the company will pay charges up to the Home Health Care Maximum Daily Benefit for each day Home Health Care or Adult Day Care services are provided. Benefits are payable up to the Home Health Care Lifetime Maximum Benefit amount.

#### *C. Benefit Increase Option (BIO) Riders:*

*Compound Increase Option Rider Form(s): CBIOR 196 Flex 2 TQ Series:*

This rider will increase the Nursing Home Benefit and, if applicable, the Maximum Skilled Home Health Care and Home Health Care Benefits by 5% of the current amount on each contract anniversary.

*Simple Increase Option Rider Form(s): SBIOR (MD) 196 Flex 2 TQ Series:*

This rider will increase the Nursing Home Benefit and, if applicable, the Maximum Skilled Home Health Care and Home Health Care Benefits by 5% of the original amount on each contract anniversary until the later of the 10<sup>th</sup> contract anniversary or attainment of age 85.

### **LTC 3 / 4 Series**

#### *A. Nursing Home*

Pays the maximum daily benefit for each day skilled, intermediate, or custodial care is provided up to the Lifetime Maximum Benefit Amount.

#### *B. Home Health Care Benefit Rider - Forms: HHR 3 (MD) 1091 (REV92) & HHR 3 PLUS (MD) 0592 (REV92) :*

Pays expenses incurred up to the maximum daily benefit for each day Home Health Care services are provided up to the Lifetime Maximum Benefit Amount. The Lifetime Maximum Benefit Amount is the same as for Convalescent Care.

#### *C. Simple Benefit Increase Option (BIO) –*

*Rider Form(s) SBIR(P) 3 (MD) 1091 : Increases the benefit by 5% of the original amount on each anniversary for the latter of 10 years or attainment of age 85.*

#### *D. Compound Benefit Increase Option (BIO) –*

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\* This is not intended to be a comprehensive listing of all benefits available.

*Rider Forms CBIR(P) 3 (MD) 1091* : Increases the benefit by 5% of the current amount on each contract anniversary.

*E. Return of Premium -*

*Form LTC 3R (MD) 1091 (REV92):*

This benefit will be the sum of all premiums paid times the applicable percent as defined in the Contract Schedule less the amount of any claims paid for the contract payable upon: 1) voluntary lapse, 2) the death of a spouse, or 3) the death of the last spouse.

## **LTC 5 TQ Series**

*A. Nursing Home Benefit*

Pays the daily Nursing Home benefit for each day of confinement in a Nursing Home up to the Lifetime Maximum Benefit. For the LTC 5 TQ Series, the confinement must be due to being Chronically Ill.

Note: There are two sets of LTC 5 TQ rate sheets included with this memorandum. The first set corresponds to the originally-filed LTC 5 TQ. At the time, standard rates (previously referred to as Select) were the basis for calculating rates of other risk classes and therefore standard rates are displayed. The second set corresponds to the same LTC 5 TQ rates as before but with enhanced benefit limits and options that were subsequently filed. In addition to the enhancements, the second set displays preferred rates because these became the new basis for calculating rates of other risk classes. The overall preferred and standard rates themselves did not change nor did the underwriting standards that classified applicants as preferred or standard. This note is applicable to the remaining LTC 5 TQ benefits described below as well.

*B. Home and Community Care Forms: LTC 5 TQ HCCR (MD) 1096 of the LTC 5 TQ Series:*

Pays expenses incurred up to the maximum daily benefit for each day Home Health Care, Assisted Living Facility, Adult Day Care, or Hospice services are provided up to the Lifetime Maximum Benefit Amount.

*C. Simple Benefit Increase Option (BIO) – Form: SBIOR TQ (MD) 1096*

Increases the benefit by 5% of the original amount on each anniversary for the latter of 10 years or attainment of age 85.

*D. Compound Benefit Increase Option (BIO) – Form(s): CBIOR TQ (GA) 1096 of the LTC 5 TQ Series*

Increases the benefit by 5% of the current amount on each contract anniversary.

## **Golden Care Series**

*A. Nursing Home Benefit*

Pays a benefit up to the Maximum Daily Benefit Amount for each day of a covered stay in a licensed Nursing Facility. Benefits are payable for care received in a licensed Nursing Home.

*B. Home Health Care Benefit- Rider Form (s): HHCR (MD) 690*

Home Health Care benefits are payable if Home Health Care Rider is selected. Pays a benefit up to the maximum daily professional services benefit or the maximum daily basic services benefit selected.

*C. Simple Benefit Increase Option (BIO)*

This option increases the Nursing Facility Benefit (and Home Health Care Benefit if selected) by 5% of the original benefit each contract anniversary. The benefit amount will increase until the later of the 20<sup>th</sup> anniversary and/or attained age 85.

## **Protector III TQ Series**

A. *Nursing Home*

Pays actual charges up to the Nursing Home Maximum Daily Benefit for each day of confinement required in a Nursing Home. Benefits are payable up to the Nursing Home Lifetime Maximum Benefit.

B. *Assisted Living Facility- Form (s): GCPR0-III TQ LTC (MD) 497*

Pays actual charges up to the Assisted Living Facility Maximum Daily Benefit for each day of confinement in an Assisted Living Facility.

C. *Home Health Care- Form (s): HHCR TQ (MD) 497*

Pays actual charges for each day Home Health Care Professional, Basic, or Adult Day Care service benefits are received up to the respective Maximum Daily Benefit corresponding to each type of service. Additional benefits are Hospice, Therapeutic Devices, Home Modifications, Medical Alert System, and Caregiver Training.

D. *Compound Benefit Increase Option (BIO) - Form: CBIOR TQ 497*

This benefit increases the Nursing Facility Benefit (and Home Health Care Benefits if selected) by 5% of the current amount on each contract anniversary.

*Simple Benefit Increase Option (BIO) - Form: SBIOR TQ 497*

This benefit increases the Nursing Facility Benefit (and Home Health Care Benefit if selected) by 5% of the original amount on each contract anniversary.

E. *PLUS Benefits- Form (s): NHPR TQ (MD) 497*

**Bed Reservation Benefit–**

During the elimination period, gives credit toward the elimination period for days Nursing Home room is reserved while insured is hospitalized. After satisfaction of the elimination period, pays for the reservation of Nursing Home room up to the Maximum Daily Benefit while insured is hospitalized. Limited to 21 calendar days per year.

**Ambulance Benefit-**

Pays actual charges up to \$250 for ambulance service to or from a Nursing Home up to 4 trips per year.

**Respite Care Benefit-**

Pays actual charges up to the Maximum Daily Benefit for each day confined in a Nursing Home up to 21 calendar days per year in order to provide a respite to a primary caregiver. This benefit is neither subject to nor satisfies the elimination period.

**Survivorship Waiver of Premium (Married Couples Only)-**

If a husband and wife both have a contract and one spouse dies while both contracts are still in force, then all of the survivor's remaining premiums will be waived following the later of: (a) the date of death, and (b), the tenth contract anniversary.

F. *Return of Premium - Form: ROPR TQ 497*

This benefit will be the sum of all premiums paid, except waived premiums, less the amount of any claims paid for the contract including this benefit and any other attached rider(s), from the effective date of this benefit up to the date of death.

## **Future Care Series**

A. *Nursing Home*

Pays a daily benefit for all levels of care, including custodial care, for each day benefits are payable. Benefits are payable up to the Nursing Home Lifetime Maximum Benefit.

B. *Home and Community Care Rider- Form (s): KHCCR 1 (MD) 391*

Pays actual charges up to the Home Health Care Maximum Daily Benefit that varies by type of service provided (professional, secondary, or respite care). Benefits include Home Health, Adult Day Care, Respite Care, and Ambulance Service. Ambulance Service benefit is \$50 per trip up to 3 times a year. Some benefits under this rider are mutually exclusive with other contract benefits.

*C. Simple Benefit Increase Option (BIO)*

Increases benefits by 5% of the original amount on each anniversary of the contract for the latter of 10 years or the anniversary following attainment of age 85.

## **Future Care 2 NTQ Series**

*A. Nursing Home*

Pays a daily benefit for all levels of care, including custodial care, for each day benefits are payable. Benefits are payable up to the Nursing Home Lifetime Maximum Benefit.

*B. Home and Community Care Rider - Form (s): LI-LTCRN (MD) 192, LI-LTCRS (MD) 192, LI-LTCRC (MD) 192 and LI-LTCP (MD2) 192*

Pays actual charges up to the Home Health Care Maximum Daily Benefit that varies by type of service provided (professional, secondary, respite care, or non-professional). Benefits include Home Health, Adult Day Care, Respite Care, Equipment Purchases and Rentals, Assisted Living Facility, Bed Reservation, and Non-Professional. Some benefits under this rider are mutually exclusive with other contract benefits.

*C. Simple Benefit Increase Option (BIO) - Rider Form: LI-SBIR (MD) 192- Rider Form: LI-SBIR (MD) 192*

Increases benefits by 5% of the original amount on each anniversary of the contract.

*D. Compound Benefit Increase Option (BIO)- Rider Form: LI-CBIR (MD) 192*

Increases benefits by 5% of the current amount on each contract anniversary.

## **Future Care 2 TQ Series**

*A. Nursing Home*

Pays the Nursing Home Daily Benefit for all levels of care for each day benefits are payable. Benefits are payable until the end of the Benefit Period has been reached.

*B. Home and Community Care Rider - Form: LI-LTCR TQ (MD) 197*

Pays actual charges up to the Home Health Care Maximum Daily Benefit that varies by type of service provided (professional, secondary, respite care, or non-professional). Benefits include Home Health, Adult Day Care, Respite Care, Equipment Purchases and Rentals, Assisted Living Facility (company pays the Assisted Living Facility Daily Benefit instead of actual charges), Bed Reservation, and Non-Professional.

*C. Simple Benefit Increase Option (BIO)- Rider Form: LI-SBIR TQ (MD) 197*

Increases benefits by 5% of the original amount on each anniversary of the contract.

*D. Compound Benefit Increase Option (BIO)- Rider Form: LI-CBIR TQ (MD) 197*

Increases benefits by 5% of the current amount on each contract anniversary.

## **Future Care Pool TQ Series**

*A. Nursing Home Benefit*

Pays the Nursing Home Daily Benefit for all levels of care for each day benefits are payable. Benefits are payable until the Maximum Benefit is exhausted.

- B. *Home Health Care Rider - Form (s): LI-HCR TQ (MD) 600*  
Pays actual charges up to the Home Health Care Maximum Daily Benefit that varies by type of service provided (professional, secondary, respite care, or non-professional). Benefits include Home Health, Adult Day Care, Respite Care, Caregiver Training, Medical Alert System, Medication Management, Home Modification and Equipment, and Non-Professional.
- C. *Assisted Living Facility*  
Pays actual charges up to the Assisted Living Facility Daily Benefit for all levels of care for each day benefits are payable. Benefits are payable until the Maximum Benefit is exhausted.
- D. *Simple Benefit Increase Option (BIO)- Rider Form: LI-SBIOR TQ (MD) 600*  
Increases benefits by 5% of the original amount on each anniversary of the contract.
- E. *Compound Benefit Increase Option (BIO)- Rider Form: LI-CBIOR TQ (MD) 600*  
Increases benefits by 5% of the current amount on each contract anniversary.

### **TransCare Companion and TransCare TQ Series**

- A. *Nursing Home Benefit – Form(s): LTC-104-194-MD, LTC-105-194-MD, LTC 124-197-MD, LTC 125-197-MD*  
After satisfaction of the Nursing Home Elimination Period, the company will pay actual charges up to the Nursing Home Maximum Daily Benefit for each day during a Period of required Nursing Home Confinement or Assisted Living Facility Confinement. Benefits are payable up to the Nursing Home Contract Maximum.
- B. *Home Care Benefit – Form(s): LTC-104-194-MD, LTC 124-197-MD*  
After satisfaction of the Home Care Elimination Period, the company will pay charges on a monthly basis up to 50% or 100% of the Nursing Home Maximum Daily Benefit multiplied by thirty for each month or prorated portion of a month Home Care is provided. Benefits are payable up to the Contract Maximum.
- C. *Home Care Benefit – Form(s): LTC-106-194-MD, LTC 126-197-MD*  
After satisfaction of the Elimination Period, the company will pay charges on a monthly basis up to the Maximum Monthly Benefit equal to the Maximum Daily Benefit multiplied by thirty for each month or prorated portion of a month Home Care is provided. Benefits are payable up to the Contract Maximum.
- D. *Simple Benefit Increase Rider- Rider Form(s): LTR 24-194-MD for the TransCare Companion Series; LTR 24-197-MD, LTR 34-195 for the TransCare TQ Series*  
Increases benefits by 5% of the original amount annually for the life of the contract.
- E. *Compound Benefit Increase Rider- Form(s): LTR 25-194-MD for the TransCare Companion Series; LTR 25-197-MD, LTR 35-197 for the TransCare TQ Series*  
Increases benefit amounts by 5% of the current amount annually for the life of the contract.
- F. *Return of Premium Benefit Rider - Form(s): LTR 27-194 for the TransCare TQ Series*  
This benefit will be the sum of premiums paid less the sum of incurred claims from the effective date of this rider until death of the insured.

### **TransGenerations Series**

- A. *Nursing Home Benefit – Form(s): LTC 304-198-MD, LTC 305-198-MD*  
After satisfaction of the Nursing Home Elimination Period, the company will pay actual charges up to the Nursing Home Maximum Daily Benefit for each day during a Period of required Nursing Home Confinement or it will pay actual charges up to either 75% or 100%, depending on the level of coverage chosen, of the Nursing Home Maximum Daily Benefit for each day during a Period of required Assisted Living Facility Confinement. Benefits are

payable up to the Nursing Home Contract Maximum.

- B. *Home and Community Care Benefit – Form(s): LTC 304-198-MD*  
After satisfaction of the Elimination Period, the company will pay actual charges on a monthly basis up to 50% or 100% of the Nursing Home Maximum Daily Benefit multiplied by thirty for each month or prorated portion of a month Home Care is provided. Benefits are payable up to the Nursing Home Contract Maximum.
- C. *Simple Benefit Increase Rider- Rider Form: LTR 324-198*  
Increases benefits by 5% of the original amount annually for the life of the contract.
- D. *Compound Benefit Increase Rider- Rider Form: LTR 325-198*  
Increases benefit amounts by 5% of the current amount annually for the life of the contract.

### **LTCGRP, LTC2GRP, and LTC3/4GRP Series**

- A. *Nursing Home- Base Policy Forms listed above and Rider Forms GNHR 1 189 and GNHR 2 489 of LTC 2 GRP Series*  
Pays the maximum daily benefit for each day skilled, intermediate, or custodial care is provided up to the Lifetime Maximum Benefit Amount.
- B. *Home Health Care - Rider Forms: 3151 (00) 388 of LTC GRP Series, GHHR 2 1290 & GHHC 1 189 of LTC 2 GRP Series and GHHR 3 1091 of LTC 3 / 4 GRP Series*  
Pays expenses incurred up to the maximum daily benefit for each day Home Health Care services are provided up to the Lifetime Maximum Benefit Amount. The Lifetime Maximum Benefit Amount is the same as for Convalescent Care.
- C. *Simple Benefit Increase Option (BIO) –*  
*Rider Form 3152 (00) 288 of LTC GRP Series:* Increases the benefit by 5% of the original amount on each anniversary for 10 years.  
*Rider Form(s) SBIR 3 1091 & SBIR 3 1091 (REV.594) of LTC 3 / 4 GRP Series:* Increases the benefit by 5% of the original amount on each anniversary for the latter of 10 years or attainment of age 85.
- D. *Compound Benefit Increase Option (BIO) Rider –*  
*Rider Forms CBIR 3 1091 & CBIR 3 1091 (REV.594) of LTC 3 / 4 GRP Series:* Increases the benefit by 5% of the current amount on each anniversary.
- E. *Return of Premium -*  
*Form GLTP 3R 1091 of LTC 3 / 4 GRP Series:* This benefit will be the sum of all premiums paid times the applicable percent as defined in the Contract Schedule less the amount of any claims paid for the contract payable upon: 1) voluntary lapse, 2) the death of a spouse, or 3) upon the death of the last spouse.
- F. *No Hospital Confinement Rider -*  
*Rider Form 3155 (00) 388 of LTC GRP Series:* This benefit deletes the requirement of at least a 3-day prior hospital stay from the benefit trigger and adds following triggers: failure of 2 of 5 ADLS (Continence, Dressing, Eating, Toileting, and Transferring) and Cognitive Impairment.

Note: In some cases the Home Health Care and Waiver of Premium benefits may have been embedded into contract benefits rather than issued as riders.

**3) Renewability**

These policy forms are guaranteed renewable for life, subject to the company's right to change premium rates.

**4) Applicability**

This filing applies to inforce insureds only, as these forms are no longer actively being sold. The premium change will be applicable to the base forms and to all riders associated with the base forms.

**5) Morbidity**

The underlying claim costs are based on internal data derived from company experience. The confinement length of stay and incidence rates were originally based on unpublished industry data and the 1985 national nursing home survey as reported in the Society of Actuaries transactions of 1988-1989-1990 Reports. The claim costs were also based on data from the 1984 National Long Term Care Survey. The claim costs represent best estimate values and do not include an explicit provision for moderately adverse conditions.

**6) Mortality**

The 1983 GAM mortality table, with select factors based on company experience, was used for projecting future mortality.

**7) Persistency**

Voluntary lapse rates are based on Company experience and vary by duration and issue age. Different lapse rates are assumed based on inflation option, marital discount, and issue era.

**8) Expenses**

Expenses have not been explicitly projected. It is assumed that the originally filed expense assumptions remain appropriate.

**9) Marketing**

These policy forms were marketed by agents to individuals in age ranges that vary by policy form.

**10) Underwriting**

These policy forms were fully underwritten with the use of various underwriting tools in addition to the application, which may have included medical records, an attending physician's statement, telephone interview and/or face-to-face assessment.

**11) Premiums**

Premiums vary based on original issue age, rate class and benefit options selected.



## **12) Issue Age Range**

For the Flex 2 TQ Series, applicants age 18 - 89 were eligible for all elimination periods and benefit periods.

For the LTC 3 / 4 Series, applicants age 18 – 79 were eligible for all benefit periods. Applicants age 80 – 84 were eligible for elimination periods of 30-days, 60-days and 100-days only and benefit periods of 1 or 2 years only.

For the LTC 5 TQ Series, applicants age 18 – 79 were eligible for all elimination periods and benefit periods. Applicants age 80 – 89 were eligible for all elimination periods except for 0-day and were eligible for all benefit periods except for Lifetime.

For the Golden Care series, applicants age 40 – 80 were eligible for all benefit periods. Applicants age 81 – 84 were eligible for 2-year benefit periods only.

For the Protector III TQ Series, applicants age 18 and older were eligible for all benefit periods.

For the Future Care Series, applicants age 40–79 were eligible for all elimination periods and benefit periods. Applicants age 80-84 were eligible for the 100-day elimination period and the 1-year and 2-year benefit periods only.

For the Future Care 2 NTQ and Future Care 2 TQ Series, applicants age 18–79 were eligible for all elimination periods and benefit periods. Applicants age 80-84 were eligible for the 100-day elimination period only and the 1-year, 2-year, 3-year and 4-year benefit periods only. Applicants age 85-99 were eligible for the 100-day elimination period and the 1-year and 2-year benefit periods only.

For the Future Care Pool TQ Series, applicants age 18-79 were eligible for all elimination periods and benefit periods. Applicants age 80-84 were eligible for all elimination periods except for 0-day, and eligible for all benefit periods. Applicants age 85 and older were eligible for all elimination periods except for 0-day, and eligible for the 1-year and 2-year benefit periods only.

For the TransCare Companion and TransCare TQ Series, applicants age 18 – 90 were eligible for all elimination periods and benefit periods.

For the TransGenerations Series, applicants age 18 – 100 were eligible for all elimination periods and benefit periods.

For the LTCGRP and LTC2GRP Series, applicants age 55 – 79 were eligible for all benefit periods. Applicants age 80 – 84 were eligible for elimination periods of 30-days, 60-days and 100-days only and benefit periods of 1 or 2 years only.

For the LTC3/4GRP Series, applicants age 18 – 79 were eligible for all benefit periods. Applicants age 80 – 84 were eligible for elimination periods of 30-days, 60-days and 100-days only and benefit periods of 1 or 2 years only.

## **13) Area Factors**

Area factors are not used for these products.

**14) Average Annual Premium**

Series	Before Increase	After 1 <sup>st</sup> Increase	After 2 <sup>nd</sup> Increase
Flex 2 TQ	\$2,338	\$2,689	\$3,092
LTC 3/4	\$2,786	\$3,204	\$3,685
LTC 5 TQ	\$2,476	\$2,847	\$3,274
Golden Care	\$2,737	\$3,148	\$3,620
Protector III TQ	\$2,136	\$2,456	\$2,824
Future Care	\$2,037	\$2,343	\$2,694
Future Care 2 NTQ	\$1,947	\$2,239	\$2,575
Future Care 2 TQ	\$1,906	\$2,192	\$2,521
Future Care Pool TQ	\$2,221	\$2,554	\$2,937
TransCare Companion	\$2,748	\$3,160	\$3,634
TransCare TQ	\$2,606	\$2,997	\$3,447
TransGenerations	\$2,076	\$2,387	\$2,745
LTCGRP	\$2,397	\$2,757	\$3,171
LTC2GRP	\$3,437	\$3,953	\$4,546
LTC3/4GRP	\$3,146	\$3,618	\$4,161

**15) Premium Modalization Rules**

Modal factors which are applied to the annual premium are as follows:

Premium Mode	Annual	Semi-annual	Quarterly	Monthly
Flex 2 TQ Series Undiscounted	1.000	0.520	0.270	0.080
LTC 3/4 Series	1.000	0.520	0.270	0.080
LTC5 TQ Series	1.000	0.520	0.270	0.080
Flex 2 TQ Series Discounted	1.000	0.500	0.250	0.080
Golden Care Series	1.000	0.500	0.250	0.083
Protector III TQ Series	1.000	0.500	0.250	0.085
Future Care Series	1.000	0.510	0.260	0.090
Future Care 2 NTQ Series	1.000	0.510	0.260	0.090
Future Care 2 TQ Series	1.000	0.510	0.260	0.090
Future Care Pool TQ Series	1.000	0.510	0.260	0.090
TransCare Companion Series	1.000	0.520	0.270	0.0883
TransCare TQ Series	1.000	0.520	0.270	0.0883
TransGenerations Series	1.000	0.520	0.270	0.0883
LTCGRP Series	1.000	0.520	0.270	0.090
LTC2GRP Series	1.000	0.520	0.270	0.083
LTC3/4GRP Series	1.000	0.520	0.270	0.080

**16) Claim Liability and Reserve**

The present value of amounts not yet due (Exhibit 6) is calculated for all open claims using termination rates derived from company experience. The resulting reserve is adjusted by factors based on age at incurral, sex, and benefit period developed from company experience. The interest rate varies by year of incurral. The incurred but not reported and in course of settlement reserves (Exhibit 8) are calculated based on the development of incurred claims by month of

incurral, based on internal Company data. The claim reserves underlying the incurred claims in the projection are consistent with the reserves reported in Exhibits 6 and 8 of the Company's financial statement.

**17) Active Life Reserve**

Active life reserves may have been used in the original pricing of the captioned forms to demonstrate compliance with the minimum 60% loss ratio. However, active life reserves have not been used in this premium rate increase filing to demonstrate compliance with the 60% loss ratio requirement. As a result, we are requesting a lesser increase than would have been necessary had we included the cost of the active life reserves.

**18) Trend Assumptions**

As this is not medical insurance, we have not included any explicit medical cost trends in the projections.

**19) Minimum Required Loss Ratio**

The Statutorily Required Minimum Loss Ratio for these forms is 60%.

**20) Anticipated Loss Ratio**

The anticipated lifetime loss ratio for this book of business is shown in Exhibit I.

**21) Distribution of Business**

See Attachment A.

**22) Contingency and Risk Margins**

Contingency and risk margins have not been included in the justification for this rate increase.

**23) Experience on the Form**

See Exhibit I for calendar year historical experience through June 30, 2017, as well as projected experience thereafter both with and without the proposed rate increases. See Exhibit II for actual-to-expected experience where 'actual' experience includes historical experience through June 30, 2017, combined with current-assumption projected experience thereafter. In both exhibits, Historical Incurred Claims reflect claim payment runoff through October 31, 2017, plus the claim reserve estimate as of October 31, 2017 (as described in Section 16 above).

**24) History of Rate Adjustments**

A rate decrease reducing the rates for the Future Care 2 NTQ Series by approximately 15% in the aggregate was approved in 1995 (Reduced Set of Rates). An additional rate decrease for 0-day elimination period rates only was approved in 1996 (Revised Set of Rates). The 1996 decrease varied by benefit period for an average of 2.7%. Elimination period premium rates other than 0-day remained unchanged for the 1996 filing. The overall average 1996 rate decrease was 0.2%.

A premium rate increase for the Golden Care Series was approved and implemented in 2001. Group sponsored policies were excluded from this initial increase. A subsequent rate increase was filed for the Future Care, Future Care 2 NTQ and Golden Care Series and was approved in 2003. In the case of this subsequent increase, Group sponsored business was not excluded. Consequently, premium rates for Group sponsored business currently differ from premium rates for business that is not Group sponsored by the percentage of the initial rate increase on the

Golden Care Series and will continue to differ by the same percentage after application of the currently proposed increase.

The magnitude of rate increases approved for each product discussed herein is displayed in Attachment B.

**25) Number of Insureds**

As of September 2017, the number of insureds that will be affected by this increase is:

	Insureds	Annualized Premium
Maryland:	705	\$2,134,052
Nationwide:	106,374	\$247,162,816

**26) Proposed Effective Date**

The proposed rate increase will be implemented following approval and after fulfillment of all statutory and contractual requirements. The increase for any insured will not become effective until a period of one year has elapsed since the previously approved rate increase effective date if applicable.

**27) Actuarial Certification**

I hereby certify that, to the best of my knowledge and judgment, this rate submission is in compliance with the applicable laws and regulations of your state when the original issued rates were first filed and accepted. In my opinion, the actuarial assumptions are appropriate and the rates are not excessive or unfairly discriminatory. Going forward, the Company will continue to monitor the experience of this block and reserves the right to take additional rate action if currently unanticipated future deterioration thereof justifies.



Brad Rokosh, ASA, MAAA  
Director, Actuarial, LTC Margin Analytics

December 20, 2018

Attachment A

Transamerica Life Insurance Company

Distribution of Business  
Contracts of All Benefit Periods Combined

By Issue Age

0 to 59	51.3%
60 to 64	25.4%
65 to 69	16.0%
70 to 74	6.0%
75 to 79	1.2%
80 to 84	0.1%
85 +	0.0%

By Elimination Period

<b>0 day</b>	<b>20 day</b>	<b>30 day</b>	<b>60 day</b>	<b>90 day</b>	<b>&gt; 90 days</b>
4.9%	5.2%	5.3%	17.5%	64.1%	3.0%

By Maximum Benefit Option

<b>≤ 2 Yr</b>	<b>3 Yr</b>	<b>4 Yr</b>	<b>5 Yr</b>	<b>≥ 6 Yr*</b>
8.6%	8.9%	20.5%	6.3%	55.7%

\* Including Unlimited

Attachment B

Transamerica Life Insurance Company

Rate Increase History

Policy Form	First Increase (Approved, Implemented)	Second Increase (Approved, Implemented)	Third Increase (Approved, Implemented)	Fourth Increase (Approved, Implemented)	Fifth Increase (Approved, Implemented)	Sixth Increase (Approved, Implemented)	Seventh Increase (Approved, Implemented)	Eighth Increase (Approved, Implemented)	Ninth Increase (Approved, Implemented)
Flex 2 TQ (BP < 6 years)			20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
Flex 2 TQ (BP ≥ 6 years)			20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)
LTC Grp Facility Only (BP < 6 years)	15% (2001,2001)	20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
LTC Grp Facility Only (BP ≥ 6 years)	15% (2001,2001)	20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)		15% (2013,2013)	15% (2017,2018)
LTC Grp Non-Facility Only (BP < 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)				15% (2013,2013)	15% (2017,2018)
LTC Grp Non-Facility Only (BP ≥ 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)		15% (2013,2013)	15% (2017,2018)
LTC 2 GRP Facility Only (BP < 6 years)	15% (2001,2001)	20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
LTC 2 GRP Facility Only (BP < 6 years)	15% (2001,2001)	20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)		15% (2013,2013)	15% (2017,2018)
LTC 2 GRP Non-Facility Only (BP < 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
LTC 2 GRP Non-Facility Only (BP ≥ 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)		15% (2013,2013)	15% (2017,2018)
LTC 3 / 4 Grp Facility Only (BP < 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
LTC 3 / 4 Grp Facility Only (BP ≥ 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)		15% (2013,2013)	15% (2017,2018)
LTC 3/4 Grp Non- Facility Only (BP < 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
LTC 3/4 Grp Non- Facility Only (BP ≥ 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)		15% (2013,2013)	15% (2017,2018)
LTC 3/4 Facility Only (BP < 6 years)	15% (2001,2001)	20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
LTC 3/4 Facility Only (BP ≥ 6 years)	15% (2001,2001)	20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)

Policy Form	First Increase (Approved, Implemented)	Second Increase (Approved, Implemented)	Third Increase (Approved, Implemented)	Fourth Increase (Approved, Implemented)	Fifth Increase (Approved, Implemented)	Sixth Increase (Approved, Implemented)	Seventh Increase (Approved, Implemented)	Eighth Increase (Approved, Implemented)	Ninth Increase (Approved, Implemented)
LTC 3/4 Non-Facility Only (BP < 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
LTC 3/4 Non-Facility Only (BP ≥ 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)
LTC 5 TQ (BP < 6 years)			20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
LTC 5 TQ (BP ≥ 6 years)			20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)
Golden Care (BP < 4 years)	15% (2001,2001)	20% (2003,2003)	20% (2005,2005)	20% (2006,2006)				15% (2013,2013)	15% (2017,2018)
Golden Care (4 ≤ BP < 6 years)	15% (2001,2001)	20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
Golden Care (BP ≥ 6 years)	15% (2001,2001)	20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)
Protector III TQ (BP < 4 years)			20% (2005,2005)	20% (2006,2006)				15% (2013,2013)	15% (2017,2018)
Protector III TQ (4 ≤ BP < 6 years)			20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
Protector III TQ (BP ≥ 6 years)			20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)
Future Care (BP < 4 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)				15% (2013,2013)	15% (2017,2018)
Future Care (4 ≤ BP < 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
Future Care (BP ≥ 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)
Future Care 2 NTQ (BP < 4 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)				15% (2013,2013)	15% (2017,2018)
Future Care 2 NTQ (4 ≤ BP < 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
Future Care 2 NTQ (BP ≥ 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)
Future Care 2 TQ (BP < 4 years)			20% (2005,2005)	20% (2006,2006)				15% (2013,2013)	15% (2017,2018)
Future Care 2 TQ (4 ≤ BP < 6 years)			20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)
Future Care 2 TQ (BP ≥ 6 years)			20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)
Future Care Pool TQ (BP < 4 years)			20% (2005,2005)	20% (2006,2006)				15% (2013,2013)	15% (2017,2018)
Future Care Pool TQ (4 ≤ BP < 6 years)			20% (2005,2005)	20% (2006,2006)	20% (2008,2008)			15% (2013,2013)	15% (2017,2018)

Policy Form	First Increase (Approved, Implemented)	Second Increase (Approved, Implemented)	Third Increase (Approved, Implemented)	Fourth Increase (Approved, Implemented)	Fifth Increase (Approved, Implemented)	Sixth Increase (Approved, Implemented)	Seventh Increase (Approved, Implemented)	Eighth Increase (Approved, Implemented)	Ninth Increase (Approved, Implemented)
Future Care Pool TQ (BP ≥ 6 years)			20% (2005,2005)	20% (2006,2006)	20% (2008,2008)	20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)
TransCare Comp. (BP < 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)				15% (2013,2013)	15% (2017,2018)
TransCare Comp. (BP ≥ 6 years)		20% (2003,2003)	20% (2005,2005)	20% (2006,2006)		20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)
TransCare TQ (BP < 6 years)			20% (2005,2005)	20% (2006,2006)				15% (2013,2013)	15% (2017,2018)
TransCare TQ (BP ≥ 6 years)			20% (2005,2005)	20% (2006,2006)		20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)
TransGenerations (BP < 6 years)			20% (2005,2005)	20% (2006,2006)				15% (2013,2013)	15% (2017,2018)
TransGenerations (BP ≥ 6 years)			20% (2005,2005)	20% (2006,2006)		20% (2009,2009)	14% (2011,2011)	15% (2013,2013)	15% (2017,2018)



Exhibit I

Transamerica Life Insurance Company

Flex 2 TQ, LTC 3/4, LTC 5 TQ, GoldenCare, Protector III TQ, Future Care, Future Care 2 NTQ, Future Care Pool TQ, Future Care 2 TQ, TransCare Companion, TransGenerations, TransCare TQ, LTCGRP, LTC2GRP, LTC34GRP

Nationwide Experience Adjusted to Maryland-Specific Rate History

Year	Earned Premium		Incurred Claims	Loss Ratios Excluding Change in ALR			
	Actual Past & Projected Future w/o Proposed Rate Increase	Actual Past & Projected Future w/ Proposed Rate Increase	Actual Past & Projected Future	Actual w/o Rate Increase	Actual w/ Rate Increase	PV Actual Cumulative w/o Rate Increase	PV Actual Cumulative w/ Rate Increase
1988	250,945	250,945	0	0.0%	0.0%	0.0%	0.0%
1989	6,645,948	6,645,948	388,149	5.8%	5.8%	5.6%	5.6%
1990	12,850,203	12,850,203	1,458,094	11.3%	11.3%	9.3%	9.3%
1991	26,634,820	26,634,820	3,974,173	14.9%	14.9%	12.4%	12.4%
1992	41,189,232	41,189,232	8,079,677	19.6%	19.6%	15.7%	15.7%
1993	53,992,638	53,992,638	11,451,401	21.2%	21.2%	17.7%	17.7%
1994	64,884,374	64,884,374	16,393,215	25.3%	25.3%	19.9%	19.9%
1995	76,491,496	76,491,496	20,039,944	26.2%	26.2%	21.5%	21.5%
1996	92,223,075	92,223,075	27,992,874	30.4%	30.4%	23.5%	23.5%
1997	116,580,382	116,580,382	36,995,440	31.7%	31.7%	25.2%	25.2%
1998	147,031,116	147,031,116	48,204,772	32.8%	32.8%	26.8%	26.8%
1999	185,749,773	185,749,773	64,579,795	34.8%	34.8%	28.4%	28.4%
2000	225,366,703	225,366,703	84,255,478	37.4%	37.4%	30.0%	30.0%
2001	264,555,145	264,555,145	103,142,780	39.0%	39.0%	31.6%	31.6%
2002	290,470,506	290,470,506	121,025,340	41.7%	41.7%	33.1%	33.1%
2003	300,724,418	300,724,418	127,696,979	42.5%	42.5%	34.4%	34.4%
2004	302,218,926	302,218,926	147,897,303	48.9%	48.9%	36.0%	36.0%
2005	294,987,273	294,987,273	168,145,728	57.0%	57.0%	38.0%	38.0%
2006	307,861,056	307,861,056	189,508,028	61.6%	61.6%	40.1%	40.1%
2007	333,243,021	333,243,021	202,501,805	60.8%	60.8%	41.8%	41.8%
2008	341,717,706	341,717,706	205,569,342	60.2%	60.2%	43.2%	43.2%
2009	355,028,611	355,028,611	243,549,844	68.6%	68.6%	44.9%	44.9%
2010	358,570,558	358,570,558	260,728,196	72.7%	72.7%	46.7%	46.7%
2011	350,211,825	350,211,825	258,002,965	73.7%	73.7%	48.2%	48.2%
2012	346,408,375	346,408,375	293,549,285	84.7%	84.7%	50.0%	50.0%
2013	334,078,702	334,078,702	325,022,068	97.3%	97.3%	52.1%	52.1%
2014	343,177,488	343,177,488	342,470,381	99.8%	99.8%	54.1%	54.1%
2015	337,070,946	337,070,946	364,716,548	108.2%	108.2%	56.1%	56.1%
2016	313,385,539	313,385,539	369,085,411	117.8%	117.8%	58.1%	58.1%
2017Q12	148,488,113	148,488,113	187,854,871	126.5%	126.5%	59.1%	59.1%
2017Q34	144,758,212	144,758,212	218,798,440	151.1%	151.1%	60.4%	60.4%
2018	303,993,915	305,401,053	446,049,998	146.7%	146.1%	62.7%	62.7%
2019	291,314,441	325,797,170	460,718,403	158.2%	141.4%	65.0%	64.9%
2020	268,709,303	344,001,389	473,277,768	176.1%	137.6%	67.4%	66.8%
2021	245,595,694	324,800,305	483,696,730	196.9%	148.9%	69.7%	68.7%
2022	223,411,022	295,461,076	492,274,379	220.3%	166.6%	72.0%	70.7%
2023	202,898,473	268,333,230	498,990,994	245.9%	186.0%	74.3%	72.7%
2024	185,087,004	244,777,563	503,841,722	272.2%	205.8%	76.6%	74.6%
2025	169,071,724	223,597,355	507,115,813	299.9%	226.8%	78.8%	76.6%
2026	153,945,091	203,592,383	508,617,488	330.4%	249.8%	81.0%	78.5%
2027	139,677,230	184,723,137	507,830,029	363.6%	274.9%	83.1%	80.3%
2028	126,296,313	167,026,874	504,034,684	399.1%	301.8%	85.1%	82.1%
2029	113,780,010	150,474,064	497,313,873	437.1%	330.5%	87.0%	83.8%
2030	102,088,370	135,011,869	488,370,771	478.4%	361.7%	88.8%	85.5%
2031	91,222,488	120,641,741	477,299,038	523.2%	395.6%	90.5%	87.0%
2032	81,161,248	107,335,751	469,581,342	578.6%	437.5%	92.1%	88.5%
2033	71,863,006	95,038,826	458,207,359	637.6%	482.1%	93.7%	89.9%
2034	63,302,807	83,717,962	443,442,089	700.5%	529.7%	95.1%	91.3%
2035	55,449,924	73,332,524	425,978,944	768.2%	580.9%	96.5%	92.5%
2036	48,306,297	63,885,078	406,349,299	841.2%	636.1%	97.7%	93.6%
2037	41,835,121	55,326,948	384,474,072	919.0%	694.9%	98.8%	94.7%
2038	36,008,805	47,621,645	360,312,800	1000.6%	756.6%	99.9%	95.6%
2039	30,793,841	40,724,855	334,240,183	1085.4%	820.7%	100.8%	96.5%
2040	26,169,404	34,609,037	306,999,714	1173.1%	887.1%	101.6%	97.2%
2041	22,096,086	29,222,074	279,549,270	1265.2%	956.6%	102.3%	97.9%
2042	18,536,763	24,514,869	252,375,271	1361.5%	1029.5%	102.9%	98.5%
2043	15,452,129	20,435,441	225,883,114	1461.8%	1105.3%	103.4%	99.0%
2044	12,800,466	16,928,617	200,270,199	1564.6%	1183.0%	103.9%	99.4%
2045	10,539,172	13,938,056	176,047,138	1670.4%	1263.1%	104.2%	99.7%
2046	8,626,098	11,408,015	153,637,896	1781.1%	1346.8%	104.6%	100.0%
2047	7,020,248	9,284,278	133,181,739	1897.1%	1434.5%	104.8%	100.3%
2048	5,682,602	7,515,242	114,712,476	2018.7%	1526.4%	105.0%	100.5%
2049	4,576,628	6,052,591	98,073,097	2142.9%	1620.3%	105.2%	100.7%
2050	3,668,840	4,852,041	83,295,619	2270.4%	1716.7%	105.4%	100.8%
2051	2,928,870	3,873,431	70,400,264	2403.7%	1817.5%	105.5%	100.9%
2052	2,329,619	3,080,921	59,179,896	2540.3%	1920.9%	105.6%	101.0%
2053	1,847,038	2,442,707	49,520,411	2681.1%	2027.3%	105.7%	101.1%
2054	1,460,293	1,931,237	41,266,911	2825.9%	2136.8%	105.7%	101.1%
2055	1,151,731	1,523,165	34,246,345	2973.5%	2248.4%	105.8%	101.2%
2056	906,652	1,199,048	28,323,210	3123.9%	2362.1%	105.8%	101.2%
2057	712,515	942,301	23,326,353	3273.8%	2475.5%	105.8%	101.2%
2058	559,049	739,342	19,131,658	3422.2%	2587.7%	105.9%	101.3%
2059	437,904	579,128	15,630,886	3569.5%	2699.0%	105.9%	101.3%
2060	342,405	452,831	12,708,688	3711.6%	2806.5%	105.9%	101.3%
2061	267,182	353,348	10,306,278	3857.4%	2916.7%	105.9%	101.3%
2062	208,008	275,091	8,320,294	4000.0%	3024.6%	105.9%	101.3%
2063	161,469	213,543	6,686,916	4141.3%	3131.4%	105.9%	101.3%
2064	124,964	165,265	5,349,048	4280.5%	3236.7%	105.9%	101.3%
PV Past	2,745,010,325	2,745,010,325	1,622,528,023	59.1%	59.1%		
PV Future	646,546,896	800,705,127	1,970,120,035	304.7%	246.0%		
PV Lifetime	3,391,557,221	3,545,715,452	3,592,648,058	105.9%	101.3%		

Exhibit I.MD

Transamerica Life Insurance Company

Flex 2 TQ, LTC 3/4, LTC 5 TQ, GoldenCare, Protector III TQ, Future Care, Future Care 2 NTQ, Future Care Pool TQ, Future Care 2 TQ, TransCare Companion, TransGenerations, TransCare TQ, LTCGRP, LTC2GRP, LTC34GRP

Maryland Specific Rate History

Year	Number of Lives	Earned Premium		Incurred Claims	Loss Ratios Excluding Change in ALR				
		Actual Past & Projected Future w/o Proposed Rate Increase	Actual Past & Projected Future w/ Proposed Rate Increase	Actual Past & Projected Future	Actual w/o Rate Increase	Actual w/ Rate Increase	PV Actual Cumulative w/o Rate Increase	PV Actual Cumulative w/ Rate Increase	
1988	0	360	360	0	0.0%	0.0%	0.0%	0.0%	
1989	64	73,121	73,121	1,811	2.5%	2.5%	2.5%	2.5%	
1990	136	161,302	161,302	0	0.0%	0.0%	0.8%	0.8%	
1991	166	202,559	202,559	120,418	59.4%	59.4%	27.1%	27.1%	
1992	244	274,133	274,133	0	0.0%	0.0%	17.1%	17.1%	
1993	316	370,448	370,448	0	0.0%	0.0%	11.6%	11.6%	
1994	367	473,160	473,160	121,693	25.7%	25.7%	15.6%	15.6%	
1995	369	472,807	472,807	198,553	42.0%	42.0%	21.2%	21.2%	
1996	376	502,652	502,652	304,668	60.6%	60.6%	28.2%	28.2%	
1997	492	767,251	767,251	48,626	6.3%	6.3%	23.7%	23.7%	
1998	635	1,077,088	1,077,088	46,414	4.3%	4.3%	19.5%	19.5%	
1999	760	1,336,151	1,336,151	430,282	32.2%	32.2%	22.1%	22.1%	
2000	876	1,524,599	1,524,599	629,865	41.3%	41.3%	25.6%	25.6%	
2001	1,063	1,857,045	1,857,045	1,022,520	55.1%	55.1%	30.8%	30.8%	
2002	1,267	2,206,391	2,206,391	1,657,754	75.1%	75.1%	38.2%	38.2%	
2003	1,318	2,332,148	2,332,148	430,994	18.5%	18.5%	35.3%	35.3%	
2004	1,311	2,357,780	2,357,780	1,603,230	68.0%	68.0%	39.3%	39.3%	
2005	1,282	2,339,876	2,339,876	1,185,416	50.7%	50.7%	40.5%	40.5%	
2006	1,242	2,479,233	2,479,233	1,358,034	54.8%	54.8%	41.9%	41.9%	
2007	1,207	2,470,317	2,470,317	1,039,005	42.1%	42.1%	41.9%	41.9%	
2008	1,158	2,702,305	2,702,305	882,272	32.6%	32.6%	41.1%	41.1%	
2009	1,115	2,912,439	2,912,439	1,642,724	56.4%	56.4%	42.3%	42.3%	
2010	1,072	2,674,997	2,674,997	1,565,018	58.5%	58.5%	43.3%	43.3%	
2011	1,035	2,654,442	2,654,442	1,681,886	63.4%	63.4%	44.5%	44.5%	
2012	1,002	2,555,556	2,555,556	2,173,079	85.0%	85.0%	46.5%	46.5%	
2013	970	2,490,792	2,490,792	2,914,704	117.0%	117.0%	49.6%	49.6%	
2014	937	2,539,738	2,539,738	2,890,875	113.8%	113.8%	52.2%	52.2%	
2015	905	2,534,780	2,534,780	3,058,539	120.7%	120.7%	54.8%	54.8%	
2016	875	2,428,539	2,428,539	1,382,573	56.9%	56.9%	54.9%	54.9%	
2017Q12	421	1,162,335	1,162,335	1,079,235	92.9%	92.9%	55.5%	55.5%	
2017Q34	412	1,143,630	1,143,630	1,503,622	131.5%	131.5%	56.6%	56.6%	
2018	798	2,428,007	2,439,246	3,088,130	127.2%	126.6%	58.6%	58.6%	
2019	763	2,376,536	2,657,845	3,224,043	135.7%	121.3%	60.7%	60.5%	
2020	727	2,245,312	2,874,446	3,358,075	149.6%	116.8%	62.7%	62.1%	
2021	693	2,089,993	2,764,015	3,489,217	166.9%	126.2%	64.9%	63.8%	
2022	659	1,925,474	2,546,440	3,626,351	188.3%	142.4%	67.0%	65.6%	
2023	626	1,806,107	2,388,577	3,764,942	208.5%	157.6%	69.2%	67.5%	
2024	594	1,684,229	2,227,393	3,906,281	231.9%	175.4%	71.5%	69.4%	
2025	562	1,580,354	2,090,019	4,033,906	255.3%	193.0%	73.7%	71.3%	
2026	531	1,480,279	1,957,668	4,157,763	280.9%	212.4%	75.9%	73.2%	
2027	501	1,383,881	1,830,183	4,274,362	308.9%	233.5%	78.2%	75.2%	
2028	472	1,290,898	1,707,212	4,367,960	338.4%	255.9%	80.4%	77.1%	
2029	443	1,201,070	1,588,416	4,442,190	369.9%	279.7%	82.5%	79.0%	
2030	414	1,114,317	1,473,685	4,485,922	402.6%	304.4%	84.6%	80.9%	
2031	386	1,025,069	1,355,654	4,504,443	439.4%	332.3%	86.7%	82.7%	
2032	359	944,321	1,248,865	4,551,318	482.0%	364.4%	88.7%	84.5%	
2033	333	866,321	1,145,710	4,551,604	525.4%	397.3%	90.6%	86.3%	
2034	307	791,041	1,046,151	4,513,694	570.6%	431.5%	92.5%	88.0%	
2035	281	718,517	950,239	4,444,327	618.5%	467.7%	94.2%	89.5%	
2036	257	648,834	858,083	4,337,577	668.5%	505.5%	95.9%	91.0%	
2037	233	582,209	769,972	4,193,559	720.3%	544.6%	97.4%	92.4%	
2038	210	518,944	686,303	4,000,588	770.9%	582.9%	98.8%	93.7%	
2039	189	454,161	600,628	3,767,393	829.5%	627.2%	100.1%	94.9%	
2040	168	398,649	527,213	3,507,069	879.7%	665.2%	101.2%	96.0%	
2041	149	347,362	459,386	3,232,096	930.5%	703.6%	102.2%	96.9%	
2042	131	300,436	397,327	2,959,151	985.0%	744.8%	103.1%	97.7%	
2043	115	257,931	341,114	2,685,809	1041.3%	787.4%	103.9%	98.4%	
2044	100	219,784	290,664	2,410,780	1096.9%	829.4%	104.6%	99.0%	
2045	87	185,863	245,804	2,145,950	1154.6%	873.0%	105.2%	99.6%	
2046	75	155,988	206,294	1,896,560	1215.8%	919.3%	105.6%	100.0%	
2047	64	129,928	171,829	1,669,069	1284.6%	971.4%	106.1%	100.4%	
2048	55	107,399	142,035	1,460,938	1360.3%	1028.6%	106.4%	100.7%	
2049	47	88,126	116,547	1,272,132	1443.5%	1091.5%	106.7%	101.0%	
2050	40	71,788	94,940	1,099,264	1531.3%	1157.9%	106.9%	101.2%	
2051	33	58,065	76,791	941,695	1621.8%	1226.3%	107.1%	101.4%	
2052	28	46,638	61,678	799,115	1713.5%	1295.6%	107.3%	101.6%	
2053	23	37,195	49,191	674,596	1813.7%	1371.4%	107.4%	101.7%	
2054	20	29,461	38,962	566,880	1924.2%	1455.0%	107.5%	101.8%	
2055	16	23,177	30,651	474,112	2045.7%	1546.8%	107.6%	101.9%	
2056	14	18,116	23,959	392,645	2167.4%	1638.8%	107.7%	101.9%	
2057	11	14,063	18,598	321,071	2283.1%	1726.3%	107.7%	102.0%	
2058	9	10,836	14,330	260,650	2405.4%	1818.9%	107.8%	102.0%	
2059	8	8,277	10,946	208,738	2522.0%	1907.0%	107.8%	102.0%	
2060	6	6,255	8,272	167,177	2672.9%	2021.1%	107.8%	102.1%	
2061	5	4,670	6,176	134,016	2869.6%	2169.8%	107.9%	102.1%	
2062	4	3,444	4,555	107,267	3114.3%	2354.8%	107.9%	102.1%	
2063	3	2,507	3,316	85,197	3398.1%	2569.4%	107.9%	102.1%	
2064	3	1,800	2,381	66,508	3694.0%	2793.2%	107.9%	102.1%	
PV Past		20,501,144	20,501,144	11,373,500	55.5%	55.5%			
PV Future		6,007,359	7,508,227	17,225,413	286.7%	229.4%			
PV Lifetime		26,508,502	28,009,370	28,598,912	107.9%	102.1%			

**Exhibit II  
Transamerica Life Insurance Company**

**Flex 2 TQ, LTC 3/4, LTC 5 TQ, GoldenCare, Protector III TQ, Future Care, Future Care 2 NTQ, Future Care Pool TQ, Future Care 2 TQ, TransCare Companion, TransGenerations, TransCare TQ, LTCGRP, LTC2GRP, LTC34GRP**

**Actual To Expected Lifetime Experience  
Actual Nationwide Experience Through June 30, 2017 and Projected Experience Thereafter**

Duration	Actual				Expected			Actual to Expected		
	A	B	C	D	E	F	G	H=A/E	I=C/F	J=D/G
	Earned Premium @ Original Rate Level	Earned Premium Adjusted to Approved MD Rate History	Incurred Claims Excluding ALR Increase	Cumulative Loss Ratio Excluding ALR Increase	Earned Premium @ Original Rate Level	Incurred Claims Excluding ALR Increase	Cumulative Loss Ratio Excluding ALR Increase	Earned Premium	Incurred Claims Excluding ALR Increase	Cumulative Loss Ratio Excluding ALR Increase
1	389,377,311	389,386,672	27,016,492	6.9%	389,320,245	24,528,552	6.3%	100.0%	110.1%	110.1%
2	359,024,304	359,151,005	48,043,990	10.0%	329,199,866	34,155,523	8.1%	109.1%	140.7%	122.6%
3	339,635,284	340,577,253	58,143,045	12.1%	294,232,488	45,325,143	10.1%	115.4%	128.3%	119.2%
4	326,827,303	331,015,639	82,041,589	14.8%	266,154,048	56,435,286	12.3%	122.8%	145.4%	120.9%
5	314,786,354	326,654,214	107,932,570	17.9%	242,905,875	62,998,184	14.2%	129.6%	171.3%	125.9%
6	303,108,720	328,016,259	118,440,327	20.5%	221,298,819	69,469,357	16.2%	137.0%	170.5%	126.8%
7	290,890,681	333,446,694	139,855,920	23.1%	200,805,810	75,739,902	18.1%	144.9%	184.7%	127.7%
8	278,147,138	342,240,421	152,726,802	25.4%	181,639,424	80,883,914	20.0%	153.1%	188.8%	127.0%
9	265,592,782	353,380,270	179,738,472	27.8%	163,757,881	84,362,855	21.8%	162.2%	213.1%	127.5%
10	249,410,406	358,027,635	205,384,759	30.2%	147,151,126	86,851,054	23.5%	169.5%	236.5%	128.5%
11	229,753,622	355,176,208	234,221,475	32.9%	130,159,039	88,465,079	25.3%	176.5%	264.8%	130.2%
12	214,442,346	357,023,203	259,580,547	35.5%	116,358,419	92,968,502	27.0%	184.3%	279.2%	131.6%
13	202,154,043	361,164,098	287,687,144	38.2%	103,788,435	96,291,961	28.7%	194.8%	298.8%	132.8%
14	189,361,960	361,419,774	309,555,188	40.8%	92,369,792	99,480,722	30.5%	205.0%	311.2%	133.7%
15	176,377,113	358,856,463	347,443,158	43.5%	82,008,037	101,320,037	32.2%	215.1%	342.9%	135.2%
16	164,747,038	355,491,036	381,140,204	46.4%	72,636,025	103,092,509	33.9%	226.8%	369.7%	136.9%
17	153,814,183	349,970,533	388,809,982	49.0%	64,154,369	103,895,277	35.5%	239.8%	374.2%	137.9%
18	142,796,956	340,965,035	426,570,288	51.8%	56,471,162	104,016,249	37.1%	252.9%	410.1%	139.4%
19	132,241,853	329,357,020	458,692,243	54.6%	49,513,393	103,285,692	38.6%	267.1%	444.1%	141.3%
20	121,207,524	311,869,774	492,152,414	57.5%	43,234,603	101,922,193	40.1%	280.3%	482.9%	143.5%
21	108,362,844	284,908,286	517,924,337	60.6%	35,983,909	98,960,966	41.5%	301.1%	523.4%	146.1%
22	99,093,060	264,971,402	538,503,218	63.6%	31,086,137	98,144,548	42.8%	318.8%	548.7%	148.6%
23	90,609,362	245,270,504	540,821,120	66.5%	26,726,937	96,179,461	44.0%	339.0%	562.3%	151.0%
24	82,605,504	225,313,055	561,051,900	69.4%	22,861,577	95,148,002	45.2%	361.3%	589.7%	153.4%
25	75,099,066	205,941,344	566,963,658	72.2%	19,537,538	92,162,708	46.4%	384.4%	615.2%	155.9%
26	68,127,941	187,560,290	574,615,565	75.0%	16,621,697	89,530,077	47.4%	409.9%	641.8%	158.3%
27	61,542,840	169,847,454	577,157,757	77.7%	14,070,134	85,166,870	48.4%	437.4%	677.7%	160.7%
28	55,410,636	153,107,876	572,539,536	80.3%	11,849,666	80,778,478	49.2%	467.6%	708.8%	163.1%
29	49,671,866	137,307,074	562,530,361	82.7%	9,924,630	76,164,575	50.0%	500.5%	738.6%	165.3%
30	44,334,573	122,540,394	551,768,292	85.0%	8,265,164	71,536,696	50.8%	536.4%	771.3%	167.6%
31	39,393,453	108,824,661	542,480,963	87.2%	6,897,852	66,395,480	51.4%	571.1%	817.0%	169.7%
32	34,840,031	96,178,216	529,916,833	89.3%	5,714,081	62,097,582	52.0%	609.7%	853.4%	171.8%
33	30,661,543	84,583,481	512,775,170	91.3%	4,703,963	57,179,257	52.5%	651.8%	896.8%	173.9%
34	26,846,521	74,009,646	491,932,375	93.1%	3,810,747	53,720,707	52.9%	704.5%	915.7%	175.7%
35	23,381,335	64,415,584	469,228,673	94.7%	3,157,285	49,556,604	53.4%	740.6%	946.9%	177.5%
36	20,249,535	55,752,926	447,488,813	96.2%	2,598,000	45,803,260	53.7%	779.4%	977.0%	179.1%
37	17,434,922	47,974,632	423,008,707	97.6%	2,124,886	41,207,676	54.0%	820.5%	1026.5%	180.6%
38	14,919,857	41,030,129	394,881,876	98.9%	1,727,381	36,985,823	54.3%	863.7%	1067.7%	182.0%
39	12,688,472	34,873,695	364,338,846	100.0%	1,395,013	33,038,031	54.5%	909.6%	1102.8%	183.3%
40	10,724,363	29,458,439	332,697,276	100.9%	1,116,939	29,382,039	54.7%	960.2%	1132.3%	184.4%
41	9,007,859	24,729,042	302,628,293	101.8%	890,301	25,845,301	54.9%	1011.8%	1170.9%	185.4%
42	7,518,860	20,629,190	272,551,676	102.5%	700,293	22,621,644	55.0%	1073.7%	1204.8%	186.3%
43	6,236,993	17,101,960	242,599,153	103.2%	546,774	19,435,838	55.2%	1140.7%	1248.2%	187.1%
44	5,141,893	14,090,652	214,062,401	103.7%	415,512	17,220,551	55.3%	1237.5%	1243.1%	187.7%
45	4,213,900	11,540,573	187,070,557	104.2%	332,199	15,244,076	55.3%	1268.5%	1227.2%	188.2%
46	3,433,763	9,398,177	162,779,589	104.5%	159,912	8,655,849	55.4%	2147.3%	1880.6%	188.8%
47	2,782,728	7,611,494	140,487,340	104.9%	125,852	7,355,454	55.4%	2211.1%	1910.0%	189.2%
48	2,243,418	6,132,420	120,179,629	105.1%	97,788	6,178,099	55.4%	2294.2%	1945.3%	189.6%
49	1,799,754	4,916,492	102,304,096	105.3%	75,258	5,148,256	55.5%	2391.4%	1987.2%	189.9%
50	1,437,388	3,924,087	86,368,503	105.5%	57,573	4,288,566	55.5%	2496.7%	2013.9%	190.1%
51	1,143,392	3,119,525	72,646,902	105.6%	42,607	3,423,491	55.5%	2683.6%	2122.0%	190.3%
52	906,244	2,471,028	60,720,386	105.7%	31,102	2,709,387	55.5%	2913.8%	2241.1%	190.5%
53	716,013	1,951,235	50,418,572	105.8%	22,611	2,032,733	55.5%	3166.7%	2480.3%	190.6%
54	564,104	1,536,495	41,778,636	105.9%	14,085	1,588,950	55.5%	4005.1%	2629.3%	190.7%
55	443,351	1,207,100	34,394,746	105.9%	10,916	1,350,545	55.5%	4061.4%	2546.7%	190.8%
56	347,753	946,528	28,235,282	106.0%	8,415	1,150,982	55.5%	4132.6%	2453.1%	190.8%
57	272,216	740,780	23,059,103	106.0%	6,286	896,236	55.5%	4330.4%	2572.9%	190.9%
58	212,736	578,886	18,740,025	106.0%	4,715	696,231	55.5%	4511.6%	2691.6%	190.9%
59	165,954	451,625	15,216,339	106.1%	3,103	513,421	55.5%	5347.6%	2963.7%	191.0%
60+	409,748	1,129,807	39,475,681	106.1%	5,348	879,696	55.5%	7661.3%	4487.4%	191.0%
PV Lifetime	3,716,707,997	5,364,029,895	5,692,196,720	106.1%	2,507,261,022	1,392,713,748	55.5%	148.2%	408.7%	191.0%