SERFF Tracking #:	BCVT-131835292	State Tracking #:	Co	ompany Tracking #:	
State:	VermontGMCB		Filing Company:	TVHP	
TOI/Sub-TOI:	ML02 Multi-Line	- Other/ML02.000 Multi-Line	- Other		
Product Name:	3Q 2019 TVHP I	Large Group Filing			
Project Name/Numb	er: /				

Filing at a Glance

Company:	TVHP
Product Name:	3Q 2019 TVHP Large Group Filing
State:	VermontGMCB
TOI:	ML02 Multi-Line - Other
Sub-TOI:	ML02.000 Multi-Line - Other
Filing Type:	GMCB Trend / Admin Charge
Date Submitted:	02/21/2019
SERFF Tr Num:	BCVT-131835292
SERFF Status:	Assigned
State Tr Num:	
State Status:	
Co Tr Num:	
Implementation	On Approval
Date Requested:	
Author(s):	Jude Daye, Martine Brisson-Lemieux, Andrew Proulx, Matthew Goodrich
Reviewer(s):	Thomas Crompton (primary), David Dillon, Jacqueline Lee, Christina McLaughlin, Amerin
	Aborjaily, Michael Barber
Disposition Date:	
Disposition Status:	
Implementation Date:	

State Filing Description:

Company Tracking #:

State:VermontGMCBFiling Company:TVHPTOI/Sub-TOI:ML02 Multi-Line - Other/ML02.000 Multi-Line - OtherTVHPProduct Name:3Q 2019 TVHP Large Group FilingTVHPProject Name/Number:/

General Information

Project Name: Project Number: Requested Filing Mode: Review & Approval Explanation for Combination/Other: Submission Type: New Submission Group Market Type: Employer Filing Status Changed: 02/22/2019 State Status Changed: Created By: Jude Daye Corresponding Filing Tracking Number: Status of Filing in Domicile: Date Approved in Domicile: Domicile Status Comments: Market Type: Group Group Market Size: Large Overall Rate Impact:

Deemer Date: Submitted By: Jude Daye

Filing Description: February 20, 2019

Thomas Crompton Health Systems Finance Associate Director Green Mountain Care Board 144 State Street Montpelier, Vermont 05602

Subject:Blue Cross and Blue Shield of Vermont - NAIC # 53295 The Vermont Health Plan - NAIC # 95696 Q3 2019 Large Group Rating Program Filing

Dear Mr. Crompton:

Attached for the Green Mountain Care Board's review and approval is Blue Cross and Blue Shield of Vermont's and The Vermont Health Plan's Q3 2019 Large Group Rating Program Filing. As directed by the Board, this filing combines the various factor filings for large group rating components (trend, large claims, benefit relativity, administrative fees and contribution to reserve, and the formula itself) into a single filing.

Please let me know if we can answer any questions or provide further information during your review.

Sincerely,

Ruth Greene

cc:Paul Schultz/BCBSVT Martine Lemieux/BCBSVT

Company and Contact

Filing Contact Information Jude Daye, Executive Assistant 445 Industrial Lane Montpelier, VT 05601

dayej@bcbsvt.com 802-371-3244 [Phone]

SERFF Tracking #:	BCVT-131835292	State Tracking #:	Company Tracking #:
State:	VermontGMCB	Filing Company	: TVHP
TOI/Sub-TOI:	ML02 Multi-Line	- Other/ML02.000 Multi-Line - Other	
Product Name:	3Q 2019 TVHP	Large Group Filing	
Project Name/Num	ber: /		
Filing Compan	y Information		
TVHP		CoCode: 95696	State of Domicile: Vermont
PO BOX 186		Group Code:	Company Type: HMO
Montpelier, VT	05601	Group Name:	State ID Number:
		•	

Filing Fees

Fee Required?	Yes
Fee Amount:	\$150.00
Retaliatory?	No
Fee Explanation:	

SERFF Tracking #:	BCVT-131835292	State Tracking #:		Company Tracking #:	
State:	VermontGMCB		Filing Company:	TVHP	
TOI/Sub-TOI:	ML02 Multi-Line - Other/ML02.000 Multi-Line - Other				
Product Name:	3Q 2019 TVHP La	arge Group Filing			
Project Name/Number:	/				

Supporting Document Schedules

Actuarial Memorandum
Q3 2019 TVHP Large Group Rating Program Filing - Actuarial Memorandum.pdf
Civil Union Rating Requirements
Not required.
Filing Compliance Certification
Filing Compliance Certification.pdf
Third Party Filing Authorization
BCBSVT does not use a Third Party to submit filings.
Cover Letter
Cover Letter
Cover Letter Q3 2019 TVHP Large Group Rating Program Filing - Cover Letter.pdf
Q3 2019 TVHP Large Group Rating Program Filing - Cover Letter.pdf
Q3 2019 TVHP Large Group Rating Program Filing - Cover Letter.pdf
Q3 2019 TVHP Large Group Rating Program Filing - Cover Letter.pdf

SERFF Tracking #:	BCVT-131835292	State Tracking #:	Com	pany Tracking #:
State:	VermontGMCB		Filing Company:	TVHP
TOI/Sub-TOI:	ML02 Multi-Line	- Other/ML02.000 Multi-Line - Other		
Product Name:	3Q 2019 TVHP I	Large Group Filing		
Project Name/Number:	/			
Satisfied - Item:	P	Plain Language Summary		
Comments:				
Attachment(s):	C	3 2019 TVHP Large Group Rat	ting Program Filing - Plain Langua	age Summary.pdf
Item Status:				
Status Date:				
Satisfied - Item:	A	ddendum A		
Comments:				
Attachment(s):	C	3 2019 TVHP Large Group Rat	ting Program Filing - Addendum A	pdf
Item Status:				
Status Date:				

Satisfied - Item:	Exhibits
Comments:	
Attachment(s):	Q3 2019 TVHP Large Group Rating Program Filing - Exhibits.pdf
Item Status:	
Status Date:	

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1. Purpose

Blue Cross and Blue Shield of Vermont (BCBSVT) and The Vermont Health Plan (TVHP) perform large group rating on a case-by-case basis. Rating is accomplished through a formulaic approach that blends recent group experience with a manual rate according to a credibility formula. Formula results may be adjusted for underwriting judgment and/or management decisions. This filing establishes the formula, manual rate, and accompanying factors that will be used for renewals beginning upon approval of this filing, most notably January 2020 renewals.

Once approved, this filing will be used for large group and grandfathered small group renewals (we will refer to them collectively as large groups for the remainder of the filing) prepared for business under the jurisdiction of the Green Mountain Care Board (GMCB) until superseded by a subsequent filing. In the event that renewals require factors with effective dates or experience periods beyond those explicitly presented in this filing, we will calculate appropriate factors using the same base data and methodology used in this filing. This filing will apply beginning with rates communicated five business days after the date of its approval, and continuing until five business days after the date of approval of the next BCBSVT and TVHP Large Group Rating Program Filings. The term "communicated," for this purpose, means a written proposal delivered to a large group account.

2. Overview and Rate Impact

2.1. Overview

This filing includes a description of the renewal formula and the development of each of the factors used in it. This formula is used for insured products, including Cost Plus. BCBSVT projects that 14,664 members (7,746 subscribers) in 68 groups will be impacted by this filing. These totals include members of both BCBSVT and TVHP, and we will refer to the combined population as BCBSVT throughout this memorandum.

We will describe in detail the formula used in the renewals. The formula has been modified from the currently approved version (BCBSVT-131424513 and BCVT-131424558). The changes, described in detail below, pertain to the rate development formula.

We will then detail the factors applicable to all insured large groups. The factors in the build-up of the projected claims cost include the trend factors, benefit relativities, manual rate, and large claims factors. In addition to the projected claims cost, we will explain the calculation of administrative charges, the net cost of reinsurance, contribution to reserve, and state and federal assessments, all of which are included in the rate development.

Finally, we will discuss factors applicable only to specific products. Cost Plus customers purchase Individual and Aggregate Stop Loss (ISL and ASL) from BCBSVT. We also offer an Experience Refund Eligible product for which risk charges and settlement administration charges apply. Cost Plus products are not available through TVHP.

2.2. Historical Financial Results

Below is the combined medical and pharmacy experience for the prior five calendar years. This includes BCBSVT and TVHP insured large group experience. Additionally, loss & expense ratios are provided for Cost Plus groups.

	Insured Large Group Experience					
					Loss &	
	Incurred	Administrative	Earned		Expense	Member
Year	Claims	Charges	Premium	Gain/(Loss)	Ratio	Months
2014	\$131,255,716	\$16,985,281	\$148,268,779	\$27,782	100.0%	361,386
2015	\$139,232,792	\$19,861,232	\$153,535,019	(\$5,559,005)	103.6%	352,678
2016	\$86,034,897	\$12,804,526	\$95,541,735	(\$3,297,687)	103.5%	218,650
2017	\$86,520,109	\$10,424,245	\$92,106,277	(\$4,838,077)	105.3%	197,954
2018	\$81,343,741	\$12,510,283	\$86,960,030	(\$6,893,895)	107.9%	176,430

Cost Plus Experience					
	Loss & Expense Member				
Year	Ratio	Months			
2014	94.7%	678,796			
2015	94.4 %	647,247			
2016	95.0%	515,583			
2017	95.4%	514,809			
2018	99.7 %	5,045			

The incurred claims, administrative expenses, and earned premium are from BCBSVT's GAAP financials. The claims include capitations, fee-for-services claims, certain assessments, and other claims expenses.

The chart below shows the expected and actual contribution to reserves from the previous five years for Insured Large Groups. The expected contribution to reserves reflects ordered reductions to CTR as well as modifications to actuarial factors that were not recommended by the independent reviewing actuary.

Expecte	Expected and Actual Contribution to		
	Rese	erves	
Year	Filed	Expected	Actual
2014	2.0%	-0.1%	0.0%
2015	2.0%	-0.0%	-3.6%
2016	2.0%	0.8%	-3.5%
2017	2.0%	2.0%	-5.3%
2018	2.0%	0.8%	- 7.9 %

2.3. Impact of Formula and Factor Changes

To compute the impact of changes to the rating formula and the various factors in this filing on large group premium rates, we produce renewals for each of the 62 large groups we expect to enroll in 2020 (excluding six groups with inadequate experience to develop a renewal).

The first renewal uses the approved factors currently in force (BCBSVT-131424513 and BCVT-131424558) with an effective date of January 1, 2019. The rates in these renewals are used as a baseline for the comparison. Next, we produce a renewal with currently approved factors with an effective date of January 1, 2020, extrapolating the current factors where necessary. Lastly, we produce a renewal with a January 1, 2020 effective date with the factors and formulas detailed in this filing. This methodology of calculating the impact of changes to formula and factors differs from previous filings. We believe this methodology better highlights the impact of formula and factor changes by separating the impact of substantive changes to the rate formula and factors.

A comparison of the 2020 renewals, first produced using the currently approved factors and then produced using the factors and formulas detailed in this filing, shows an average 5.3 percent rate increase. This is the impact of formula and factor changes in this filing. The rate increase can be attributed to the following causes: unfavorable experience driving an increase in manual claims, higher medical trend, and an increase in administrative charges.

The 5.3 percent increase due to formula and factor changes translates to a \$31.86 PMPM increase. The increases are broken down as follows:

Impact of Formula and Factor Change - 2020 Renewals				
				Impact
	Q3 2018	Q3 2019		on
	Filing	Filing	PMPM	Premium
Component	PMPM	PMPM	Change	Increase
Projected Paid Claims ^(a)	\$510.14	\$531.75	\$21.61	3.6%
Administrative Charges	\$42.53	\$48.14	\$5.61	0.9%
Contribution to Reserve	\$5.82	\$9.15	\$3.34	0.6%
Federal Programs	\$12.61	\$13.30	\$0.68	0.1%
Additional Items ^(b)	\$24.78	\$25.40	\$0.62	0.1%
Total	\$595.89	\$627.75	\$31.86	5.3%

(a) Projected paid claims includes manual claims, experience claims, and projected rebates.

(b) Additional Items include net cost of reinsurance, Cost Plus stop loss, broker commissions, state mandates and assessments, fees paid to outside vendors, the GMCB billback, and the Refund-Eligible margin & risk charge.

Impact of Annual Changes on Currently Approved Factors

The second component, a comparison of the 2019 and 2020 renewals showing the annual change of the currently approved factors across all 62 large groups shows an average 9.0 percent rate increase. The rate increase can be attributed to two main causes: an additional year of health care cost trend and the federal insurer fee, which returns in 2020 following a one-year suspension. The 9.0 percent increase to bring the currently approved factors to 2020 translates to a \$49.33 PMPM increase. The increases are broken down as follows

Impact of 2019 - 2020 Changes on Current Filing				
				Impact on
	2019	2020	PMPM	Premium
Component	PMPM	PMPM	Change	Increase
Projected Paid Claims ^(a)	\$476.72	\$510.14	\$33.42	6.1%
Administrative Charges	\$40.84	\$42.53	\$1.69	0.3%
Contribution to Reserve	\$5.33	\$5.82	\$0.48	0.1%
Federal Programs	\$0.00	\$12.61	\$12.61	2.3%
Additional Items ^(b)	\$23.66	\$24.78	\$1.12	0.2%
Total	\$546.56	\$595.89	\$49.33	9.0%

(a) Projected paid claims includes manual claims, experience claims, and projected rebates.

(b) Additional Items include net cost of reinsurance, Cost Plus stop loss, broker commissions, state mandates and assessments, fees paid to outside vendors, the GMCB billback, and the Refund-Eligible margin & risk charge.

3. Formula Description

Rates for active and Medicare Primary subscribers are developed separately based on their own experience. Both the formula and factors described in this filing are the same for both populations except where noted. Medicare Primary rate tiers are not offered on TVHP.

Benefit-Adjusted Projected Single Claims Rate

A sample calculation of the benefit-adjusted single claims rate can be found as Exhibit 1A. Page 1 of the exhibit applies to active members and page 2 applies to Medicare Primary members. For each case, we start the rating with a twelve-month experience period with at least two months of runout¹. We determine a pooling point based on the size of the case at the end of the runout period and split the experience period claims (line A) into amounts above (line B) and below (referred to as capped claims, line C) the pooling point.

We apply completion factors (line D) developed from the monthly financial reporting process (best estimates before margin) to capped claims to produce completed capped claims (line E). We use the formula and factors described in Milliman's 2017 *Health Cost Guidelines - Reinsurance* to calculate expected claims above the pooling limit (line F). The expected claims above the pooling limit are added to the completed capped claims to produce large-claim-adjusted experience period claims. Medicare Primary members generally do not have claims near the group's pooling point, so their claims are not pooled. We then multiply the large-claim-adjusted experience claims by an adjustment factor (line G) to reflect structural changes in the benefit plan from the experience period to the rating period. This is to adjust for such things as mandated benefit changes, contractual provision changes, etc., that, in the judgment of the underwriter, are necessary to make the experience appropriate for the estimation of the expected claims in the rating period. We divide the result (line H) by the number of member months during the experience period (line I) to produce adjusted experience period claims per month (line J).

The adjusted experience period claims per member per month (PMPM) is then divided by a seasonally adjusted benefit relativity value to neutralize any effect of seasonality and benefits on the paid claims. To determine this factor, we first determine a benefit relativity factor for each benefit plan (using the factors described in section 5) and

¹ For first year renewals, where twelve months of experience is not available, we generally use claims incurred in nine months with no runout.

contract tier type (single, 2-person, family, etc.). Based on the seasonal patterns observed as part of the reserving process for each calendar month, we determine seasonal factors for CDHPs and for non-CDHPs and normalize them so that they total to 12. We combine these factors to calculate seasonal benefit relativity factors for each combination of benefit plan, contract tier type, and month. We apply these factors to the number of contracts for each benefit plan, contract tier type, and month in the experience period. We total the results and divide the resultant sum by the number of member months in the experience period. The seasonal factors are applied regardless of the length of experience period, but if there is a 12-month experience period and there are no changes in benefits or enrollment, the normalization of the seasonality factors would cause the seasonal adjustment to be 1.000. This produces the average experience period seasonally adjusted benefit relativity factor (line K).

We adjust for any change in the demographics of the group between the experience period and the rating period by calculating the average demographic factor for each period and applying the ratio of projection to experience (line L). The adjusted experience period claims PMPM (line J) is multiplied by the demographic normalization factor and divided by the average experience period seasonally adjusted benefit relativity factor (line K) to produce the benefit-adjusted experience period single claims rate (line M), which is the expected cost for a single contract in the experience, neutral of benefit and seasonality. We then multiply this by a trend factor (line P, as calculated in section 4) to project the claims from the experience period to the rating period. We also multiply by a factor (line Q) to account for differences in contracted pharmacy discounts between the experience period and the projection period.

The resulting projected single contract rate (line R) is then blended, using the credibility formula described below, with the adjusted manual rate (line S, as described in section 6.1).

The credibility factor (line T) is calculated as follows:

 $Credibility = \sqrt{\frac{Member Months}{Upper Bound}}$

The upper bound is determined based on pooling point as follows:

Pooling Point	Member Months
Medicare Primary	8,325
\$70,000	14,002
\$90,000	16,127
\$110,000	17,923

If member months are greater than the upper bound, the credibility factor will be 1. Refund-Eligible and Cost Plus products are pooled at their attachment point. A list of upper bound member months by pooling point is provided in Exhibit 6C.

To blend the projected single contract rate with the adjusted manual rate, we use the following equation:

Benefit-Adjusted Projected Single Claims Rate = Projected Single Contract Rate \times (Credibility) + Adjusted Manual Rate \times (1 - Credibility)

Multiple Experience Periods

BCBSVT will use multiple experience periods (when available) to develop the benefitadjusted projected single claims rate. Following the methodology described above, an experience rate is calculated for the first and second year preceding the experience period. The credibility formula is then applied recursively to the residual portion of the rate. The manual rate is adjusted, as described in section 6.1, when more than one year of experience is used. A demonstration of the application of the credibility formula for a group with 50 percent credibility in each experience year is provided below.

Experience Period	Proportion of Rate
YE 201906	50.0%
YE 201806	25.0%
YE 201706	12.5%
Manual Rate	12.5%

See Exhibit 1B for a detailed sample calculation of the benefit-adjusted projected single claims rate using three years of experience.

Required premium by Plan, Tier Type

A sample calculation of premium can be found as Exhibit 1C. For each plan and contract tier type anticipated in the rating period, we calculate projected claims (line B1) as the product of the benefit-adjusted projected single claims rate (S) and the benefit relativity factor (as described in section 5) for the plan and contract tier (line A).

The members per contract tier during the last month of the runout period is the basis for the projected members per tier in the rating period. The underwriter will adjust

this ratio if, in their opinion, the result is not representative of the expected values in the rating period.²

The calculation for the total required premium by (plan, tier) is as follows:

{ Projected Claims by Plan and Tier (line B1)	+	
Expected Net Cost of Reinsurance (line B2, as described in section 6.4)	-	
Projected Pharmacy Rebates (line B3, as described in section 6.5)	+	
Administrative Charges (line D, as described in section 6.3)	+	
State Mandates and Federal Assessments (line C1 to C4, as described in	/	
sections 6.7 and 6.8)		
{ 1 - Contribution to Reserve (line F, as described in section 6.6) - Broker	=	
Commissions (line E) - Federal Insurer Fee (line G, as described in section		
6.8)}		
Required Premium by Plan and Tier (line H)		

Underwriting Judgment Adjustments

If, in the underwriter's professional judgment, the specific properties of the case being rated are such that the standard formula would not produce appropriate rates for the rating period, the underwriter will make such modifications as needed to produce appropriate rates. The underwriter will document in the case file the reason(s) for the adjustment(s) and the method of determining the appropriate adjustment(s).

Management Discretionary Adjustments

For marketing or other reasons, management may decide to modify the rates on a specific case or block of cases. The underwriter will document in the case file the adjustment(s) made, along with a description of the nature of the adjustment(s).

4. Trend Factors

Similar to previous Large Group Rating Program Filings, we include small groups enrolled in Qualified Health Plans with BCBSVT in the base of members used in the trend development. The breadth of plan offerings and group size of the small group market is more analogous to the large group market than the benefits and experience of large ASO groups. Including small groups creates greater consistency and credibility within the trend factor development.

 $^{^{2}}$ E.g., the number of contracts in a particular tier may be small (or even 0). In such instances, the underwriter should use appropriate values based on total block of business or other appropriate source.

4.1. Medical Trend Development

The source of the data is BCBSVT's data warehouse, except where noted below. To ensure accuracy of claims information, the data used has been reconciled against internal reserving, enrollment, and other financial reports. The data includes claims from BCBSVT Cost Plus groups, BCBSVT ASO Groups of under 5,000 members, BCBSVT insured large groups, BCBSVT insured small groups, TVHP insured small groups, and TVHP insured large groups. CDHP and non-CDHP claims were combined. Large ASO groups and ASO groups with special pricing arrangements were excluded. Claims from Medicare Primary members were excluded. Medicare Primary trend is discussed in section 4.5.

BCBSVT and TVHP cover substantially similar populations under similar benefit packages. Combining these homogeneous populations creates greater consistency and credibility within the trend factor development.

Using the historical contracted reimbursement schedules, we calculated network factors that represent the different contracts and modify the claims to reflect a single contract. By making these adjustments we can observe the historical cost increases using all large group claims information.

Medical trend is composed of three pieces: cost, utilization, and intensity. In our analysis, we combined utilization and intensity within the utilization metric and analyzed the unit cost separately. Historical experience was normalized for contract changes and then analyzed to derive a utilization trend in the absence of unit cost changes. Future unit cost trends were developed on a discrete basis using the most recent round of contract negotiations as a starting point. The overall trend is the product of these two components.

4.1.1. Unit Cost

Unit cost trends were largely derived from observations of recent contracting and provider budgetary changes. During the year ended June 2018, roughly 52 percent of total claims dollars were provided by Vermont facilities and providers directly affected by the hospital budget review process of the Green Mountain Care Board (GMCB). We started with the assumption that the GMCB would approve hospital budgets for October 1, 2019 and October 1, 2020 that support identical commercial increases as those approved for October 1, 2018.

Similarly, we assumed for other providers within the BCBSVT service area that overall 2019 and 2020 budget increases would be identical to those implemented during calendar year 2018. The provider contracting and actuarial departments worked together to assess the impact these increases would have on contracts for BCBSVT Managed Care, BCBSVT Non-Managed Care, and TVHP Managed Care contracts. For marketing reasons, provider contracting has been negotiating different unit cost

increases for each of the three contracts. To reflect this, we calculated three different cost trends, one for each contract. Finally, unit cost increases for providers outside the BCBSVT service area were derived from the Fall 2018 Blue Trend Survey, which is a proprietary and confidential dissemination of the BlueCross BlueShield Association.

Claims were normalized to the June 2018 contract at each unique provider by applying a factor equal to the product of the impact of each contracting change from the experience month through June 2018. The derived trend for other claims was assumed to increase monthly on a continuous basis. Please see Exhibit 2A for an illustration of this approach.

Contract normalized claims were trended forward using expected increases. Unit cost trend was calculated by dividing claims year-ending December 2020 by claims year-ended June 2018 and converting to an annual factor.

Medical Unit Cost Trend			
	BCBSVT	BCBSVT Non-	TVHP
	Managed Care	Managed Care	Managed Care
Vermont facilities and			
providers impacted by GMCB's			
Hospital Budget Review	2.6%	4.8%	3.0%
Other facilities and providers	3.0%	3.0%	3.0%
Total	2.8%	3.9%	3.0%

The results of the analysis are summarized in the below chart:

4.1.2. Utilization & Intensity

Historical utilization trend patterns were examined by first normalizing claims for unit cost increases. Contract changes for the entirety of the experience period were measured explicitly for each facility within our service area as well as the three largest physician groups. Similar to the previous Large Group Rating Program Filings, we removed all claims from members who exceeded \$500,000 in paid medical claims in 12-month periods preceding June 30, 2018. As the utilization component includes intensity, high cost claimants can unduly impact the year-over-year, time series, and regression calculations.

Increases were measured for fee schedules and other chargemasters by applying each schedule to a market basket of services. The market basket was defined by using Current Procedural Terminology (CPT) codes and CPT modifier combinations that were present in each of the effective periods the schedules covered. Using the same experience period data used throughout the trend analysis, total allowed costs for the selected CPT and CPT modifier combinations were compared under each schedule to estimate the percentage increase. For contracts under Diagnosis Related Group (DRG) arrangements, we compared the charge for the 1.000 DRG service for each period.

Finally, for services under a discount of charge arrangement, we used the contracted chargemaster increase provided by our provider contracting department.

This accounted for 78 percent of allowed claims dollars during the experience period. Costs for other claims were primarily for out-of-area services. Contracting changes for these claims were derived from the Fall 2018 Blue Trend Survey, which is a proprietary and confidential dissemination of the BlueCross BlueShield Association.

Exhibit 2B, Page 1 shows the resulting array of allowed PMPM claims costs, before and after normalization for contract changes. We performed regressions and time series on monthly PMPM costs. We also calculated a year-over-year rolling-12 PMPM utilization trend of 3.9 percent for the year ended June 2018. The regression and time series calculations are provided in Exhibit 2B, Pages 2 to 11. Certain time series methods, such as those assuming no trend or those for which there is not sufficient historical data³, are not included, as these are inappropriate for use in trend development and/or for the data available.

We select a utilization trend of 3.5 percent. Though utilization trend between facility and professional services are interdependent, the historically high trend warrants an indepth examination of trends that is best performed categorically. We believe a 2.5 utilization trend selection on facility claims and a 5.5 percent utilization trend selection on professional claims represent reasonable and appropriate trends. The total trend produced from these components is in line with the trends from measures that combine all medical services, and informs our selection of an overall utilization trend of 3.5 percent.

Certain measures suggest a much higher utilization trend, which is primarily driven from abnormally high professional utilization and mix-of-services trends. Professional visits increased 3.4 percent year-over-year, which, in conjunction with an increase in services per visit and an increase in the cost of the mix of services, underlies the atypically high year-over-year professional utilization trend of 6.3 percent. Professional utilization trend is being driven by significant increases across the spectrum of professional services, including increases in primary care services, mental health and substance abuse services, labs and radiology services, and labs and radiology mix of services. Our selection of 5.5 percent is lower than the majority of trends provided in the regression and time series analysis for professional claims. We believe certain BCBSVT programs will be effective at mitigating high professional trends, and implicitly account for these programs through a selection of a lower trend to reflect the anticipated success of appropriate care management strategies.

Year-over-year inpatient days per 1,000 members remained stable. Historically, inpatient days per 1,000 members had decreased as services moved away from an

³ The seasonal additive, seasonal multiplicative, single moving average, and single exponential smoothing methods are not used since they assume no trend. The double moving average method is not used due to insufficient historical data.

inpatient setting, which helped to offset increases in utilization and intensity trend in other areas. We believe inpatient utilization will continue to remain stable in the future and will no longer offset other components of utilization trend. Inpatient cost per admit normalized for contract changes increased 6.0%. This reflects an increasing cost in the mix of services, which is another major driver of total utilization trend. Components of hospital services, such as drugs and injectables administered in a facility, continue to be a main component of the increasing cost of the inpatient and outpatient mix of services. We anticipate the cost and utilization of drugs will continue to drive high inpatient intensity trends.

The components of increasing utilization trend have been corroborated by our Chief Medical Officer. Increasing utilization and intensity is also corroborated by hospital actual-to-budget narratives. The impact of low cost trend changes are largely offset by increasing utilization and intensity, which is acknowledged as a main driver of hospital budget overages.

4.1.3. Induced Utilization

We investigated the impact of benefit changes throughout the experience period on utilization. Previously, large groups engaged in a benefit buy-down strategy as a means of limiting rate increases. This may have manifested itself in a lower actuarial value over time and a dampening effect on trend due to decreases in induced utilization. A development of the impact of induced utilization is shown in the table below:

Year Ended	Paid-to-Allowed Ratio	Induced Utilization	Percent Change
July 2015	74.7%	1.0509	
July 2016	74.1%	1.0483	-0.2%
July 2017	74.2%	1.0483	0.0%
July 2018	73.8%	1.0468	-0.1%

Given the impact of induced utilization has been minimal over the past few years, we do not make an adjustment to utilization trend.

The concept of induced utilization is discussed further in section 5.1. Exhibit 2C shows the development of the induced utilization factor.

4.1.4. Total Medical Trend

The total medical trend factors are the product of the utilization trend and the unit cost trend factors.

c ,	BCBSVT	BCBSVT Non-	TVHP Managed		
Q3 201	9 Large Group Ra Actuarial Mem	5 5	Ig		
Blue eross and Blue	Blue eross and Blue Smelle of Vermone and The Vermone freatent lan				

Blue Cross and Blue Shield of Vermont and The Vermont Health Plan

	BCBSVT	BCBSVT Non-	TVHP Managed
Component	Managed Care	Managed Care	Care
Cost Trend	2.8%	3.9%	3.0%
Utilization Trend	3.5%	3.5%	3.5%
Total Medical Trend	6.4%	7.5%	6.5%

To calculate the overall medical total trend to be applied in the renewal formula, we trended the manual rate (see section 6.1) experience medical claims based on the network to calendar year 2020. We then divided the projected claims cost by the experience claims cost to calculate the overall medical trend.

Total Allowed Medical Trend				
	BCBSVT	BCBSVT Non-	TVHP	
Network	Managed Care	Managed Care	Managed Care	Total
Experience Allowed				
Claims (Medical Only)	\$12,104,424	\$45,664,410	\$16,354,655	\$74,123,490
Trend Factors for 27				
months	1.148929	1.177456	1.153415	
Trended Claims	\$13,907,119	\$53,767,817	\$18,863,702	\$86,538,638
Annual Trend				7.1%

4.2. Pharmacy Trend Development

The source of the data is BCBSVT's data warehouse, except where noted below. To ensure accuracy of claims information, the data used has been reconciled against internal reserving, enrollment and other financial reports. The data includes claims from BCBSVT Cost Plus groups, BCBSVT ASO groups, BCBSVT insured large groups, BCBSVT insured small groups, TVHP insured small groups, and TVHP insured large groups. Combining these homogeneous populations creates greater consistency and credibility within the trend factor development. Claims from Medicare Primary members were excluded. Compound drugs claims were excluded. The data from ASO groups whose pharmacy benefits are not administered through the BCBSVT contract with ESI were excluded. Large ASO groups who offer benefits atypical to the large group marketplace were excluded. We used claims incurred from July 1, 2014 to June 30, 2018, paid through September 30, 2018. Completion factors were applied to estimate the ultimate incurred claims for each period shown in the exhibits.

ESI has been the pharmacy benefits manager for BCBSVT and TVHP since July 2009. The initial ESI contract was for a period of three years; new contracts became effective July 2012, July 2015, and January 2018. Similar to previous Large Group Rating Program Filings, we base our cost trend calculation on Average Wholesale Price (AWP) and apply a factor to the rating formula to account for the contracting changes. We analyzed the components of trend (cost and utilization) separately for brand and generic drugs. We estimated the impact of brand drugs going generic based on the brand drugs that are scheduled to lose patent in the projection period. Specialty drugs are very high cost

drugs with low utilization. Because of their relative infrequency, it is more appropriate to look at the overall PMPM trends for these drugs rather than separate cost and utilization components. The overall pharmacy trend is calculated by combining the separate projections.

Non-Specialty Drugs

Exhibit 2D provides the monthly and the 12-month rolling data, along with the corresponding year-over-year and exponential regression trends, for non-specialty drugs. These are shown separately for the generic cost, brand cost, and overall non-specialty utilization categories. The number of days supply, rather than the number of scripts, was used to normalize for changes in the days supply per script (e.g. increased use of 90-day fills). Because there are several popular brand drugs that have become generic during the experience period, or will become generic during the projection period, we combined the data for generic and brand drugs for the purpose of analyzing utilization patterns. The regressions use 24 data points on the monthly data in order to best capture an adequate amount of the most recent history of drug costs. We select annual trends of 3.5 percent for generic cost, 5.9 percent for brand cost, and 0.0 percent for total non-specialty utilization.

Instead of explicitly projecting a generic dispensing rate, we separated the drugs into six categories:

- Generics
- Brands going Generic: brands that are expected to become available in generic form in the projection period, based on a list from our pharmacy benefit manager
- Vaccines
- Over the Counter (OTC)
- Compounds
- All other Brands

As shown in Exhibit 2F, each category days supply is trended forward at the same rate of 0.0 percent. Exhibit 2F summarizes the trends for non-specialty drugs and calculates the total non-specialty allowed drug trend as 1.5 percent.

Specialty Drugs

The introduction of certain new specialty drugs requires an adjustment to the specialty drug trend calculation. High-cost or high-utilization drugs have entered the market recently, such as Orkambi, a treatment for cystic fibrosis with an annual cost of almost \$250,000, and PCSK9 inhibitors like Repatha, used to treat high cholesterol in patients with the genetic disease familial hypercholesterolemia (FH) who have failed one statin and patients who have suffered a heart attack and failed two different statins. To accurately capture the effect of these new drugs on specialty trend, we removed their claims from the experience to calculate a trend rate to apply to these non-excluded claims. We trended those claims forward at the calculated rate for 30 months, then added back in our projections of claims for the new treatments (Orkambi, Ocrevus, and

PCSK9 inhibitors). We used the total restated projected claims to calculate a restated specialty trend. Any cost estimates for excluded drugs developed using demographic estimates are calculated using the same membership and/or claims underlying pharmacy trend development.

Exhibit 2E, Page 1 shows the calculation of specialty trend both for all specialty drugs and for specialty drugs excluding the new treatments described above. For our regressions, we chose 24 points of 12-month rolling data to capture the most recent history of drug costs. A rolling 12-months regression is more appropriate for specialty drugs because of the low-frequency, high-cost nature of these drugs. The total specialty trend is 18.5 percent. Removing the large cost increases associated with the new treatments results in an 18.4 percent trend for the remaining specialty drugs.

PCSK9 inhibitors such as Repatha are used to treat high cholesterol. BCBSVT's current policy is to approve PCSK9 inhibitors for the treatment of familial hypercholesterolemia (FH), a genetic disease characterized by very high levels of cholesterols in the blood, after failure of one high-does statin for 60 days. Current incidence studies suggest that 200 persons per 100,000 lives are diagnosed with FH. Another indication for these drugs is for patients who have had a heart attack and then failed two different high-dose statins for 60 days. Based on current membership, we project 19 members will use a PCSK9 inhibitor in 2020. With an average annual cost from the trend experience of about \$14,176, the projected total is \$269,351.

Orkambi is a drug used in the treatment of cystic fibrosis. In particular, it is used to treat a specific mutation of the disease that is found in roughly 50 percent of cystic fibrosis patients. Orkambi is prescribed to patients age 12 and older. In previous filings, we assumed that 50 percent of our members diagnosed with cystic fibrosis who are at least age 12 will take Orkambi. Three members in the experience period had claims for Orkambi. Given the length of time the drug has been available, we expect we will see no change in utilization and add in \$388,607, which is the annual experience cost of the claimants.

Ocrevus is a drug used in the treatment of multiple sclerosis (MS). We estimate 15 percent of our members currently taking medication for MS would move to Ocrevus. We therefore excluded 15 percent of the average annual cost of MS medications from specialty claims to reflect this shift, and added in the estimated cost of Ocrevus. No adjustment was made to the experience used to develop the non-exclusion specialty trend, since only a proportion of claims are removed.

To calculate the restated specialty trend, we started with the pharmacy claims from the year ended June 30, 2018 experience period and removed the claims for PCSK9 inhibitors, Orkambi, and MS drugs to be replaced by Ocrevus. We then trended the remaining claims at an 18.4 percent rate for 30 months and added the incremental cost of PCSK9 inhibitors, Orkambi, and Ocrevus for a total restated projected claims. Using this method, the restated specialty drug trend is 18.0 percent. See Exhibit 2E, Page 2

for details. The impact of excluding certain specialty drugs has had an increasingly small impact on specialty trend. We will continue to monitor the impact of the introduction of new specialty drugs on trend, but will consider removing this adjustment in subsequent filings if the impact remains inconsequential.

Total Pharmacy Trend

Using the PMPM claims as weights between non-specialty and specialty claims for the 12 months ended June 2018, we applied the annual trends for 30 months and calculated the following:

Allowed Pharmacy Trend		
Category	Annual Trend	
Generic	3.5%	
Brand	5.9%	
Brands Going Generic	-43.4%	
Specialty	18.0%	
Total	9.1%	

Please note that contract changes are applied separately from trend in order to accurately capture the timing for each renewal.

Contract Adjustment Factors

For drug claims in the year ended June 30, 2018, we took the AWP of the claims and applied the contracted discounts and dispensing fees, if applicable, for each potential renewal experience period and rating period to calculate adjusted allowed charges. The contract adjustment factor for each experience and rating period combination is the ratio of the adjusted allowed charges.

Applying the discount adjustment from the experience used to develop trend to a 12month rating period, we calculated a 7.8 percent effective annual trend.

Exhibits 3J contains the contract adjustment factors that will be applied to the drug claims in a group's renewal. These factors assume that both the experience period and rating period are 12 months. For cases where this is not true, or for periods not provided in the exhibit, we will calculate an appropriate factor using an analogous methodology.

4.3. Overall Total Trend

Using the year ended September 2018 claims experience for the groups included in the manual rate (see section 6.1), the overall allowed trend is

Category	Allowed PMPM	Allowed Trend
Medical	\$ 446.12	7.1%
Pharmacy	\$ 91.71	7.8%
Total	\$ 537.84	7.2 % ⁴

While we have included no implicit or explicit margin in our trend selections, we recognize that an environmental change may create a significant shift in either direction. As we have suggested in past years, we would submit an interim trend filing should information become available that meaningfully differs from the underpinnings of the trend analysis in this filing.

4.4. Leveraged Trends

The above trends are based on allowed charges and do not account for the leveraging effect of deductibles and copays. In prior filings, we utilized our benefit relativity models (see section 5.1 for a description of the methodology) to calculate the impact of leveraging on each benefit by calculating the paid trend as ratio of the paid PMPMs with and without the allowed trend (as described above) and the leverage factor as the ratio of the paid trend factor to the allowed trend factor.

For the filing, we measured the correlation between the leverage factors calculated using the method described above and the actuarial values (AVs) of the benefits and fit a curve to the results. For medical leverage, we fit a line to all medical products, including the medical portion of integrated CDHP benefits. For drug leverage, we found that using different lines for different types of drug benefits produced the best fits. We produced three lines: one for drug cards, one for CDHPs with wellness drugs covered at 100%, and one for all other CDHPs. The formulas for leverage are below:

Leverage Formulas			
Medical	-0.0385 x (AV) + 1.0389		
Drug Card	-0.0680 x (AV) + 1.0691		
Drug - CDHP 100% Wellness	-0.0559 x (AV) + 1.0564		
Drug - All Other CDHP	-0.0723 x (AV) + 1.0722		

See Exhibits 3H and 3I for examples of leverage factors.

Applying the leverage factors for benefits present in the year ended September 2018 for the groups included in the manual rate, we calculate the following paid trends:

⁴ The allowed trend without the pharmacy contract adjustment is 7.5%.

Actuarial Memorandum				
Category Paid PMPM Paid Trend				
Medical	\$ 354.98	8.0%		
Pharmacy	\$ 80.92	8.5%		
Total	\$ 435.89	8.1 % ⁵		

4.5. Medicare Secondary Trends

Medicare Secondary plans cover two categories of services: Medicare-covered services which are subject to member cost share (deductible/coinsurance) and services which are not covered by Medicare. Services subject to Medicare cost sharing were not adjusted for network, as the allowed charges are determined by Medicare, whereas the services not covered by Medicare were adjusted using the contract factors described above to bring all charges to a single network.

For Medicare claims, cost trends were developed for the different types of service using trends from CMS⁶. Increases for 2020 were assumed to be the same as the 2019 increases. We assumed a 0.0 percent utilization trend for Medicare claims.

Category	Allowed Trend
Inpatient	2.8%
Outpatient	2.0%
Professional	0.2%

The trends used for services not covered by Medicare are the same as the trends developed for use with active benefits. We use the same pharmacy trends for Medicare Secondary plans as we use for active plans.

5. Benefit Factors

To determine standardized claims rate relationships, also called relativities, BCBSVT has created models that simulate the impact of member benefits for all types of plans. The models determine the allowed charges for the 12 months of claims included in the study and "re-adjudicate" the claims, thereby simulating the impact of member cost sharing for a given benefit plan.

Claims data is from BCBSVT's data warehouse. To ensure accuracy, the claims data used has been reconciled against internal reserving, enrollment and other financial reports. The starting point of the analysis is allowed charges as determined by the BCBSVT claims adjudication system. The claims data includes benefit codes that enable us to identify the services and benefit structures (copays, deductibles, and coinsurance) for each claim.

⁵ The paid trend without the pharmacy contract adjustment is 8.4%.

⁶ <u>https://www.cms.gov/Medicare/Health-Plans/MedicareAdvtgSpecRateStats/Downloads/FFS-Trends-</u> 2017-2019.pdf

Incurred allowed charges from July 2017 to June 2018, paid through September 2018, were used in the models. The allowed charges were trended 30 months to the 12-month period that begins January 1, 2020. The majority of the business that will be renewed using these relativity factors has a January 1 renewal date; the rating formula adjusts the trend for non-January renewals (see section 6.1).

The data includes claims from BCBSVT Cost Plus groups, BCBSVT ASO groups, BCBSVT insured large groups, BCBSVT insured small groups, and TVHP insured large groups. Combining these homogeneous populations creates greater consistency and credibility within the relativity factor development. Claims from certain large ASO groups were excluded, as the rich benefits offered by those groups were not in line with the leaner offerings of most insured large groups. CDHP and non-CDHP claims were combined. We also excluded groups that have special benefits. This predominantly refers to groups that have specific reimbursement with particular providers outside of BCBSVT's contracts and/or claims processing function. We excluded claims from groups that do not have pharmacy coverage through BCBSVT. We created separate models for active members and Medicare Primary members.

For each benefit plan, the models produce the simulated PMPM values of the benefits. The PMPM for each plan is then divided by the average trended paid claims rate from the BRV experience period to produce its benefit relativity (BRV). Relativities are included for medical only plans, Rx only plans, and integrated CDHP plans. In addition, relativities are produced for both active employees and Medicare Primary employees.

5.1. Models for Active Employees

Benefit Relativity Model: Medical

The trends used were the total medical trend, by type of service. Cost trends for each type of service were calculated by the discrete unit cost trend method above, while separate utilization trends were developed for facility and professional services (see section 4.1.2).

Using the contracted reimbursement schedules, we calculated network factors that represent the different network contracts. Using these factors, we can include all claims in each of the three networks by adjusting each claim to the basis of a single network. This enables us to combine all the experience for each plan design.

The claims were categorized according to how benefits are paid, and one record was generated for each member, date of service, and type of service. Each record was then assigned a cost share (deductible/coinsurance, copay, covered in full) for each plan modeled. For all products, claims for preventive mandated benefits were assigned a "covered in full" cost share, independently of the product that is being modeled.

The model tests one benefit design at a time. It determines the member portion of the allowed charges, and from this, a total simulated paid PMPM for each benefit design. The impact of copay, deductible, coinsurance, out-of-pocket maximum, and preventive mandated benefits are all considered. If the average allowed cost of a category is less than the copay being examined, it is assumed that the member paid the full cost of the service.

BCBSVT offers products on several different networks based on the three provider contracts (BCBSVT Managed Care, BCBSVT Non-Managed Care, and TVHP Managed Care). Depending on the network, there may be more than one tier of coverage (generally referred to as in-network and out-of-network) and different networks may have different providers in each tier. Below is a chart showing which providers are in which tiers on many of BCBSVT's common networks. Providers who accept the indicated provider contract are considered to be in-network. For providers in the BlueCard® network and non-participating providers, 'In' indicates coverage for these providers on the in-network tier of coverage.

Network Name	Provider Contract	BlueCard	Non-Participating Providers
		Providers	
HMO	TVHP Managed Care	N/A	N/A
POS	TVHP Managed Care	Out	Out
VHP Select	BCBSVT Managed Care	N/A	N/A
VHP	BCBSVT Managed Care	Out	Out
EPO PCP	BCBSVT Managed Care	In	N/A
VHP Open Access	BCBSVT Managed Care	In	Out
EPO	BCBSVT Non-Managed Care	In	N/A
PPO	BCBSVT Non-Managed Care	In	Out
Indemnity	BCBSVT Non-Managed Care	In	In

If BCBSVT were to quote a product not on one of the networks listed above, or one featuring different provider networks for selected services, we would modify the base data in the BRV models to correspond to the desired changes (for example, excluding certain providers or modifying allowed amounts) before simulating the benefit impact.

We use BRVs in two places in the rating formula described in section 3. The average experience period seasonally adjusted benefit relativity factor (line K in Exhibit 1A) is calculated using BRVs for the benefits in the experience period, while the projected claims for the rating period (line B1 in Exhibit 1C) uses BRVs for the benefits in the rating period.

The relativities for active employees for some medical products currently in our book of business are displayed on Exhibits 3A and 3B.

Benefit Induced Utilization: Medical

Continuing a process started in the previous filing, we intend to move toward using factors for the impact of induced utilization (IU) developed by the federal Department of Health and Human Services (HHS) for use with Qualified Health Plans, to which we found the curve of best fit IU = $AV^2 - AV + 1.24$, where AV is the actuarial value of the benefit plan. The HHS IU factors are based on combined medical/pharmacy AV, but as we develop BRVs separately for medical and pharmacy plans, we will apply the formula to medical-only AVs. We normalized the curve such that the average AV underlying the base BRV experience period returns a utilization adjustment of 1.00. In other words, if a simulated benefit has an AV less than the average AV, then utilization will be reduced (i.e. factor < 1.00). If a simulated benefit has an AV greater than the average AV, then the benefit will have induced utilization (i.e. factor > 1.00).

The curve developed from the HHS factors is less steep that the curve we traditionally develop using our own data. For benefits with lower AVs, this results in an increase in the IU factor, while benefits with high AVs see a decrease in the IU factor. We believe using this curve for induced utilization will improve the rating accuracy of all plans. To ease the impact of this switch, we will transition to the HHS formula over a number of years. In this filing, we blend the HHS IU factor with an IU factor developed from our own data. The HHS factor receives a weight of 0.75 and the BCBSVT factor receives a weight of 0.25.

We performed an independent analysis to measure the correlation between the benefit design and the overall health care spending. The correlation uses the actuarial value as the independent variable and the total allowed charges (capped at \$30,000 per member per year) as the dependent variable. A 2nd order polynomial best fits the data. The polynomial was normalized such that the average actuarial value underlying the base BRV experience returns a utilization adjustment of 1.00. The resulting formula is *Medical Utilization* : $3.2737 \times (AV)^2 - 3.6701 \times (AV) + 1.8316$. The BCBSVT IU factor from this curve is blended with the IU factor from the HHS curve to calculate the IU factor used in the BRV model, with a minimum set at 0.74 and a maximum of 1.20.

Benefit Relativity Model: Pharmacy

The trends used were the total trend, by type of drug, as described above (section 4.2) for brand, generic, and specialty drugs.

Within the model, all pharmacy scripts, including specialty, were assigned to one of six categories: retail generic, retail preferred brand, retail non-preferred brand, mail generic, mail preferred brand, and mail non-preferred brand. We applied flags to identify several categories of drugs that are either required to be covered in full (ACA contraceptives and vaccines) or for which a group may purchase a rider to offer additional coverage (some fertility drugs) or exclusion (lifestyle drugs). We also flagged drugs for which a group may offer special cost-sharing arrangements, such a diabetic medications and wellness drugs. We assigned these flags by National Drug Codes as reported to us by ESI.

The experience period data was adjusted to reflect the major brands that are expected to become generic during 2019 and 2020. The list was based on a report provided by ESI.

For these brands, in the first six months (the exclusivity period), we reduced the Average Wholesale Price (AWP) by 10 percent and kept the brand discount. For the months after the exclusivity period, we reduced the AWP by 10 percent and changed the discount to the generic discount. The 10 percent reduction in AWP is based upon industry standard assumptions, supported by our own analysis of AWP changes for drugs that have moved from brand to generic over the past several years.

One record was created for each member and date of service combination. One record can have more than one script category. The model tests one benefit design at a time. It determines the member portion of the allowed charges and a total simulated paid PMPM for each benefit design. The impact of the deductible, coinsurance, copays and out-of-pocket maximum (OOPM) is considered. Following the ACA, contraceptives and vaccines are excluded from the cost sharing. If the average allowed cost of a category is less than the copay being examined, it is assumed that the member pays only the full cost of the script. With Vermont Act 171, all pharmacy benefits effective January 1, 2019 or later will have an OOPM of \$1,350. It is possible that this limit will increase effective January 1, 2020, following the IRS rules for Health Savings Account and High Deductible Health Plans. The exhibits include the \$1,350 OOPM on pharmacy benefits.

The relativities for active employees for some pharmacy products currently in our book of business are displayed on Exhibit 3D.

Benefit Induced Utilization: Pharmacy

We performed an independent analysis to measure the correlation between the benefit design and the quantity of pharmacy prescriptions consumed. The pharmacy benefits are adjusted in two ways. First, the generic utilization varies with the benefit design. Claims and membership data from January 2014 through June 2018 were used to create a table to adjust the base generic utilization up or down depending on the difference in the generic and brand copays of the member's drug plan.

Second, we performed a separate analysis to adjust for the overall pharmacy benefit. A modeled actuarial value was assigned to every benefit in the experience period. The correlation uses the actuarial value as the independent variable and days supply as the dependent variable. A 2nd order polynomial best fits the data. The curve was normalized such that the actuarial value underlying the base BRV benefit returns a utilization adjustment of 1.00. The resulting formula is *Pharmacy Utilization* : $0.8389 \times (AV)^2 - 0.1048 \times (AV) + 0.4346$, with a minimum set at 0.74 and a maximum of 1.24.

Although we use two steps to calculate the induced utilization, we are not adjusting the data twice. The adjustment for difference in generic/brand copays changes the mixture of scripts (i.e. generic dispensing rate) without adjusting the overall frequency of scripts. The richness or leanness of the plan, as measured by the actuarial value, drives an adjustment to the overall frequency of scripts without changing the mixture of scripts.

As the model includes claims from both CDHPs and drug cards, we also adjust for the type of benefit being modeled. Claims incurred on a CDHP have a lower cost per script than claims incurred on a drug card. We calculate a factor for each benefit type by taking the ratio of the cost per script for that type and the cost per script from all claims in the model. For CDHPs, the factor is 0.9301 and for drug cards the factor is 1.0554.

Benefit Relativity Model: Integrated (CDHP)

The CDHP model combines both the medical and pharmacy models described above. One record was created for each member, date of service and type of service combination. A separate medical and pharmacy actuarial value is calculated, and the appropriate utilization adjustment is made.

The relativities for active employees for some CDHP products currently in our book of business are displayed on Exhibit 3C.

5.2. Tier Factors

The BRV models calculate the average paid claims of a single member on a particular benefit design. BCBSVT and TVHP sell products with rate tiers for multiple members. These rate tiers feature family deductibles and out-of-pocket maximums either in addition to or in place of the individual limits. We refer to products that have family limits in addition to individual limits as stacked, and to products with only family limits as aggregate. For products renewing after January 1, 2016, members on aggregate plans are subject to the federal maximum allowed individual out-of-pocket, even if the aggregate out-of-pocket maximum is higher. We refer to these plans as hybrid.

To price benefits for rate tiers with multiple members, we calculated tier factors to apply to the BRV for the benefit. We used the BRV models to calculate member paid amounts for each member in the model and used every combination of members to create "families" in the following categories:

- One Adult
- Two Adults
- One Adult and One Child, ..., One Adult and Seven Children
- Two Adults and One Child, ..., Two Adults and Seven Children

For each category of family, we calculated the average plan paid amount subject to the family cost sharing. Then we combined the categories of families into rate tiers using

the proportion of each category in the experience period membership as a weight. The ratio of plan paid amount for each rate tier to the plan paid amount for the single rate tier is the tier factor. For aggregate and hybrid factors, we grouped products together into three ranges of out-of-pocket maximums and calculated tier factors for each range. We calculated different factors for products with separate medical and drug benefits and for products with integrated benefits (CDHPs). The hybrid factors are applicable to benefits with a \$7,900 individual out-of-pocket maximum. This is the 2019 individual out-of-pocket maximum set by HHS. Upon release of the 2020 individual out-of-pocket maximum, we will calculate factors using identical data, assumptions, and methodology and adjust the groupings of out of pocket maximums if necessary. The tier factors calculated for each range and type of benefit are shown in Exhibit 3K.

Separate factors are provided for stacked plans with family multipliers of two, two-anda-half, and three for deductibles and out-of-pocket maximums. The aggregate and hybrid factors assume a family multiplier of two. If a group requests a benefit with a non-standard multiplier, out-of-pocket maximum, tier structure, or individual out-ofpocket maximum (for a hybrid plan) that is not in the exhibit, identical data, assumptions and methodology as described above will be used to calculate appropriate tier factors for the requested benefit.

5.3. Models For Age 65+ Medicare Secondary Plans

Benefit Relativity Model: Medical

Medicare Primary rate tiers are only available on the BCBSVT Non-Managed Care network. To develop benefit relativity values for Medicare Secondary plans, we use the same method as we do for the active factors. For the claims base, we used allowed charges incurred between July 2017 and June 2018, paid through September 2018, for members whose primary insurance is Medicare. Given the scarcity of Medicare Primary members in the BRV experience (fewer than 1,000 member months), we also included Medicare Primary members from groups who were excluded from the development of the active BRVs (large ASO groups).

Medicare Secondary plans cover two categories of services: Medicare-covered services which are subject to member cost share (deductible/coinsurance) and services which are not covered by Medicare. Services subject to Medicare cost sharing were not adjusted for network, as the allowed charges are determined by Medicare, whereas the services not covered by Medicare were adjusted using the contract factors described above to bring all charges to a single network.

The allowed charges were trended to the 12-month period that begins January 1, 2020. The trends used were the total medical trend, by type of service as described in section 4.5.

As with the active benefits, the model simulates the effects of a benefit design on the trended allowed charges and calculates a simulated paid PMPM. This paid PMPM is

divided by the Medicare Primary manual rate (without the adjustment for changes to the pharmacy contract) to produce the benefit relativity value. Unlike the active benefits, there is no adjustment for induced utilization due to the richness of the benefit. As Medicare is the primary insurance for these plans and Medicare-covered claims make up 86 percent of the trended allowed charges, we do not believe that the richness of the secondary insurance will have any influence on utilization.

The relativities for some Medicare Secondary medical products currently in our book of business are displayed on Exhibit 3E.

Benefit Relativity Model: Pharmacy

To calculate relativities for pharmacy benefits for plans that are secondary to Medicare, we used allowed charges incurred between July 2017 and June 2018, paid through September 2018, for members whose primary insurance is Medicare (including members in large ASO groups, as with the medical experience). The allowed charges were trended to the 12-month period that begins January 1, 2020 using the same trends as used for active members. Pharmacy scripts were assigned to the same categories as for the active members and allowed charges were adjusted for brands going generic between the experience period and the rating period. The benefit designs are modeled to produce a simulated paid PMPM, which is adjusted for mixture and frequency of scripts as described for the active relativities above. The adjusted paid PMPM is then divided by the Medicare Primary manual rate (without the adjustment for changes to the pharmacy contract) to produce the relativity.

The relativities for some Medicare Secondary pharmacy products currently in our book of business are displayed on Exhibit 3G.

Benefit Relativity Model: Integrated (CDHP)

The Medicare Secondary CDHP model combines both the medical and pharmacy Medicare Secondary models described above. One record was created for each member, date of service and type of service combination. A separate medical and pharmacy actuarial value is calculated, and the appropriate utilization adjustment is made.

The relativities for some Medicare Secondary CDHP products currently in our book of business are displayed on Exhibit 3F.

5.4. Formulary & Pharmacy Options

BCBSVT and TVHP offer groups a selection of formularies. Groups can select either the BCBSVT Open Formulary or the National Preferred Formulary. Groups electing the National Preferred Formulary receive greater rebates than those on the BCBSVT Open Formulary. To calculate the impact of the change, rebate-eligible claims for the large groups impacted by this filing were identified. Rebate totals were calculated under the contracted terms of each formulary. For groups changing formularies, the below factors

are applied to projected rebates. The factors will be adjusted proportionately if the experience period includes a mix of formularies.

Experience Formulary	Rating Formulary	Rebate Multiplier
BCBSVT Open	National Preferred	
Formulary	Formulary	1.256
National Preferred	BCBSVT Open	
Formulary	Formulary	0.796

BCBSVT and TVHP offer groups an Active Choice pharmacy program. This program requires an active choice regarding the way members obtain their maintenance prescription drugs. For groups electing this program, the simulated paid pharmacy claims in the BRV calculation will be decreased by \$0.43 PMPM.

BCBSVT and TVHP offer groups an Express Scripts Specialty Pharmacy Exclusive option. Groups electing this option receive greater discounts and rebates on specialty drugs. Pharmacy contract factors for this option are calculated using an analogous method to the standard contract factors, as described in Section 4.2. Exhibit 3J Page 2 provides the discount factors for the Express Scripts Specialty Pharmacy Exclusive option. The factors below are applicable to the projected rebates. The factors were developed assuming the entirety of the experience period is on the non-exclusive specialty option and the entirety of the rating period is Express Scripts Specialty Pharmacy Exclusive option. For groups with a mix of specialty options in their experience period, the factors will be adjusted using an analogous methodology proportionately to the programs in effect.

Formulary	Specialty	Rebate Multiplier
BCBSVT Open	Express Scripts Specialty	
Formulary	Pharmacy Exclusive	1.158
National Preferred	Express Scripts Specialty	
Formulary	Pharmacy Exclusive	1.134

5.5. Riders

BCBSVT and TVHP file riders with the Vermont Department of Financial Regulation (DFR) that allow large groups to add or modify covered services. These riders include, but are not limited to, the Benefit Enhancement Rider, Acupuncture Benefits Rider, and Wellness Drug Rider. For riders that modify covered services, the benefit relativity model is used to price the rider. For riders that cover an optional service, allowed charges are developed from groups who offer that coverage and adjusted to the group's benefit, or a reasonable approximation of allowed charges is used if no experience data exists. If, in the underwriter's professional judgment, the election of a rider will create

material anti-selection, the underwriter will modify the rate as necessary using underwriting judgment, as described in section 3.

6. Other Factors Applicable to All Large Groups

6.1. Manual Rate

The manual rate for active members is the paid claims PMPM incurred between October 1, 2017 and September 30, 2018 and paid through November 30, 2018 from the groups impacted by this filing, trended to calendar year 2020 using the trends and pharmacy contracts adjustments described in section 4. One group with predominantly out-of-state membership, particularly high experience claims, and an atypical structure was excluded from the manual rate calculation as we do not believe it is representative of a typical Vermont large group. Claims were capped at \$280,000⁷ and expected claims between \$280,000 and \$800,000 (the expected corporate reinsurance attachment point) were added. The expected claims were calculated using the method described in section 6.2.

A separate manual rate for Medicare Primary members was calculated using the paid claims PMPM from the BRV experience period, trended to calendar year 2020 using the Medicare Primary trends described in section 4.5 and the pharmacy contract adjustments described in section 4.2. No adjustments were made for large claims.

Calculation of the Manual Rate (Actives)				
Experience Paid Claims, capped at				
\$280,000 and completed	А	\$ 68,948,291		
Expected Claims between \$280,000 and				
\$800,000	В	\$ 2,385,619		
Overall Paid Trend factor (8.4% for 27				
months)	C ₁	1.198		
Pharmacy Contract Adjustment	C ₂	0.996		
Projected Total Paid Claims	$D = (A + B) \times C_1 \times C_2$	\$ 85,168,291		
Total Member Months	E	154,792		
Manual Rate	F = D / E	\$ 550.21		

⁷ Selected such that P = 95% and k = 0.05 with projected Large Group member months, using same data underlying the development of credibility formula.

Calculation of the Manual Rate (Medicare Primary)			
BRV Experience Paid Claims	А	\$ 28,358,160	
Overall Paid Trend factor (7.6% for 30 months)	B ₁	1.1953	
Pharmacy Contract Adjustment ⁸	B ₂	0.9811	
Projected Total Paid Claims	$C = A \times B_1 \times B_2$	\$ 33,257,970	
Total Member Months	D	92,354	
Manual Rate	E = C / D	\$ 360.11	

Changes in the experience base, an additional year of trend, and an update to the trends detailed in this filing cause the change in the manual rate. Starting with the 2019 manual rate, each change is applied below to show the impact on the 2020 manual rate.

Manual Rate Development	РМРМ	PMPM Change	Impact
2019 Manual Rate	\$478.69		
Update Experience Base		\$20.25	4.2%
Trend to 2020		\$33.84	6.8%
Update Trend		\$17.43	3.3%
2020 Manual Rate	\$550.21		

As noted in section 5.3 above, we use a version of the Medicare Primary manual rate without the pharmacy contract adjustment as the denominator of the relativity calculation. Per the above calculation, this value is \$367.03. We multiply the benefit relativity by the manual rate to calculate projected manual claims. If both the denominator of the relativity and the manual rate were to include the pharmacy contract adjustment, they would cancel in the multiplication and the projected claims would not reflect the discounts in the new pharmacy contract.

The method of calculating the manual rate is different for active and Medicare Primary members. The active manual rate was developed from the experience of active members in the large groups covered by this filing. There are not enough Medicare Primary members in large groups to develop a credible manual rate with only large group experience, so we based the Medicare Primary manual rate on the larger set of claims in the BRV experience, which includes Medicare Primary members from ASO groups as well as large groups.

The manual rate is adjusted to reflect a group's particular characteristics, as demonstrated in Exhibit 4A. An adjustment is made for the average age/gender factor (line B) of the group. For active and Medicare primary members, we used factors from

⁸ This adjustment is applied proportionately based on Medicare Primary membership with pharmacy coverage

the SOA's report *Health Care Costs - From Birth to Death*⁹. Prior to this filing, active factors were from the 2014 Milliman Health Cost Guidelines. In each case, the factors were normalized such that the membership in the manual rate experience period has an age/gender factor of one. The case's industry factor (line C) is determined based on the Standard Industrial Classification code. See Exhibit 4B for the schedule of industry factors. These have also been normalized such that the manual rate for Medicare Primary members.

For groups with a projection period other than calendar year 2020, the manual rate will be adjusted for trend to reflect the group's projection period (line D) and the additional impact of pharmacy contract changes (line E). Finally, a contract conversion factor (line F) is calculated based on member distribution and tier factors in order to convert from a PMPM to a single rate basis (necessary because the adjusted manual rate (line S of Exhibit 1A) is blended with the projected single contract rate (line R of Exhibit 1A), which is not on a PMPM basis).

Multiple Experience Periods

When multiple experience periods are used, an adjustment factor is applied to the manual rate. The manual rate is developed using aggregate large group experience, so it is necessary to normalize the manual rate because the additional experience retained under the multiple year method is disproportionate to the average experience of each group. The factors are developed on a premium neutral basis, so the amount of premium collected in aggregate under a multiple experience period methodology does not vary from the premium collected in aggregate using a single experience period. The factors are applied depending on the number of years of experience used to develop the projected claims rate.

The development of the factors is shown in Exhibits 4C and Exhibit 4D. We begin with the total projected claims for the groups, split by the contribution from each group's credibility-adjusted manual and experience rates. We then recursively apply the credibility formula to the experience rate of the preceding year and apply the credibility residual to the manual claims. We develop a multiplicative factor to apply to the manual claims to ensure that the sum of the projected claims from the experience rate, preceding year experience rate, and the adjusted manual rate sum to the total projected claims calculated using a single experience period. The process is then repeated with an additional experience period to calculate the three-period adjustment factor.

⁹ <u>https://www.soa.org/Research/Research-Projects/Health/research-health-care-birth-death.aspx</u> The factors for the age curve are in Chart 1 (for actives) and Chart 21 (for Medicare Primary) of the databook linked on the page.

Manual Rate Adjustment Factor			
Two Experience Periods	0.9942		
Three Experience Periods 0.9194			

6.2. Large Claims Factors

BCBSVT and TVHP will use the formula and factors in Milliman's 2017 *Health Cost Guidelines - Reinsurance* to calculate expected claims above the pooling limit. The contents of the *Guidelines* are proprietary and confidential. This filing will provide a general description of the formula but will not include any of the factors.

Claim costs above a particular pooling point are developed separately for children and adults on a PMPM basis. The basis for each rate is a starting claim cost that varies with the pooling point and the out-of-pocket limit for the benefit. The starting claim costs are based on national data and factors are applied to adjust to our Vermont service area and the details of our contracts with local providers. An adjustment for demographics is applied, as is a trend factor to adjust the starting claim costs for the experience period of the renewal. The starting claim costs are also adjusted for the network of the benefit to account for claims from out-of-network providers, if appropriate for the benefit.

The adjusted adult and child claims rates by benefit are multiplied by the number of adult and child member months in the experience for that benefit to develop the total expected claims above the pooling level.

6.3. Administrative Charges

The sources of actual expense data in this filing are BCBSVT's data warehouse and accounting records. The experience period for this filing is November 2017 to October 2018. Actual BCBSVT and TVHP administrative expenses for the experience period were compiled on a GAAP reporting basis. During 2015, BCBSVT completed a comprehensive cost accounting study. The results were refreshed during 2017 to reflect known operational changes. Allocations to specific lines of business on a GAAP reporting basis were updated for the results of this study, beginning in December 2015. Exhibit 5A provides a reconciliation of the experience period to restated GAAP financial report data.

Experience Base of Actual Expenses

Administrative expenses are allocated under BCBSVT's cost accounting system to lines of business. Overhead expenses are allocated to lines of business on the basis of relative capital requirements, which were measured as each line's relative impact on Risk-Based Capital (RBC). We used BCBSVT insured large group and TVHP insured large group information for the base administrative charges.

The cost accounting data by cost center is allocated into cost categories for purposes of determining administrative charges for each specific group account, given that account's characteristics.¹⁰ The group cost categories align with the rules used in the cost allocation model. The group cost categories include:

Account – those expenses that are allocated to specific group accounts on a per group account basis.

Member - those expenses that are allocated on a per member basis.

Contract - those expenses that are allocated on a per contract (subscriber) basis. **Medical Claims** - those expenses that are allocated on a per medical claim basis. **Total Projected Claims** - those expenses that are allocated via a percent of claims factor.

For each of the group cost categories described above, the respective number of unit months during the experience period was tabulated for BCBSVT and TVHP insured large groups. These segments are combined in this filing for marketing considerations. The unit months include the number of account months, number of member months, number of contract months, and number of medical claims by months. For the expenses allocated on a capital requirement basis, the experience administrative charges were divided by total projected paid claims to calculate a percent of claims factor.

Reclassifications reflected in Exhibit 5A include the removal of federal fees (these are added to premium rates separately; see section 6.8), GMCB billback (these are added to premium rates separately; see section 6.7) and fees paid to our vendor Health Equity for the administration of Health Savings Accounts and Health Reimbursement Accounts linked to our insurance products (participation in this service is optional and we assign these fees to groups who select the service). We also removed any expenses incurred due to one-time, non-recurring events, as these fees are not expected to continue to occur in the projection period. These include transitional costs associated with the conversion to a new technology platform. Decreasing membership has reduced total variable costs, but BCBSVT has delayed reducing its administrative budget in order to support transition activities. This transition will be complete by the end of 2019, so we have reflected a transitional savings of \$0.91 PMPM in 2020 for the large group line of business.

Using the adjusted experience period administrative expenses and unit months, per unit per month (PUPM) values were calculated. For the group segments included in this filing, there are four such PUPM values and one percent of claims value – one for each of the cost categories indicated above.

The experience period administrative expenses PUPM are shown in Exhibit 5B, line C.

¹⁰ PUPM costs for Cost Plus members having Medicare Supplement plans are set equal to the corresponding values for conventionally funded Medicare Supplement members.

Projection Factors

Actual administrative costs PUPM from the experience period were projected to each of the rating periods. Projection factors are based on a 2.5 percent annual trend. These projection factors are intended to make reasonable but modest provision for increases in overall operating costs PUPM. Note that there are no known extraordinary or mandate-related costs at this time which require separate provision for the rating periods involved in this filing.

We are assuming that personnel costs (wages and benefits) will increase by three percent, the budgeted wage increase for 2019, over the projection period. Other operating costs are assumed to remain flat. Based on year-to-date October 2018 information, we have calculated that 83.5 percent of our administrative costs are for salaries and benefits. We are therefore increasing our total projected administrative expenses by the weighted average of 2.5 percent per annum.

Development of Administrative Charges Trend				
		YTD Oct 2018	Percent of Total	
Employee costs	A	\$37,186,172	56.4%	
Purchased service	В	\$21,376,708	32.4%	
Other operating costs	C	\$7,353,106	11.2%	
Subtotal administrative	D =			
expenses	A+B+C	\$65,915,986	100.0%	
Total Personnel Cost	E = A / (A	+ C)	83.5%	
Trend for Personnel Cost	F		3.0%	
	G = {(1+F)			
Total Trend	1		2.5%	

For 2019, we project total BCBSVT membership will decrease, resulting in an increase in admin charges PMPM. We calculated PMPM admin charges with experience period enrollment and projected 2019 enrollment and found they increased by 2.0 percent with the projected 2019 enrollment. We assumed that variable costs represent half of the increase, and therefore applied an increase of 1.0 percent to the base PUPM charges to account for the reduction in membership.

Charges for Group Accounts

The administrative charge PUPM figures shown in Exhibit 5B are the values to be applied on an account by account basis, along with each group account's corresponding unit count, to produce account-specific administrative charges. These amounts will then be expressed as equivalent PMPM amounts for each group account.

Amounts for special items or unique services not part of BCBSVT or TVHP's standard scope of administrative services (e.g., special booklets, certificates, or reports) are to be determined and applied separately on an account-specific basis. Commissions based

on the commission scale applicable to the account are not reflected in the schedule of admin charges in Exhibit 5B and will be calculated and applied separately.

Reasons for Increase

As noted in section 2, administrative charges for the 62 large groups in the renewal comparison are increasing by \$7.29 PMPM, a 17.8 percent increase. Below is a table showing the reasons for this increase:

	Administrative Charges - Reasons for Increase					
		Admin Charges	Change	Percent		
		PMPM	PMPM	Change		
1	Approved January 2019 Admin from Q3 2018 Filing	\$40.85				
2	Update Experience and Allocation	\$47.52	\$6.67	16.3%		
3	Remove Transitional Costs	\$46.59	-\$0.94	-2.0%		
4	Update Trend	\$46.57	-\$0.02	0.0%		
5	Trend to January 2020	\$47.74	\$1.17	2.5%		
6	Update Membership Adjustment	\$48.08	\$0.34	0.7%		
7	Other Adjustments	\$48.14	\$0.07	0.1%		

Note that line seven, Other Adjustments, is a balancing item to reconcile line six with the total admin PMPM for the 62 groups. Line two expresses the experience and allocation update in terms of the experience period, which includes groups outside of the 62 expected to renew in 2020.

The increase in admin expenses PMPM is almost entirely due to the update in the experience used to develop the charges. The table below compares total admin charges and member months in the experience periods used for this filing and the previous filing. Despite a reduction in member months of 11.7 percent, total admin charges increased by 3.6 percent.

Administrative Charges - Experience Comparison					
Filing	Experience Period	Admin Charges	Member Months	PMPM	
Q3 2018	Oct 16 - Sep 17	\$7,897,940	202,013	\$39.10	
Q3 2019	Nov 17 - Oct 18	\$8,180,734	178,387	\$45.86	
		3.6%	-11.7%	17.3%	

6.4. Net Cost of Reinsurance

BCBSVT and TVHP have purchased reinsurance for claims in excess of \$800,000 for 2019, and expect to purchase similar reinsurance in future years with limits approximately equal to the 2019 limit increased by trend. We estimate that the target loss ratio for the reinsurance is approximately 75 percent, which implies a cost of reinsurance of approximately 33 percent of claims above the reinsurance limit. For

each pricing period starting quarter, we determined an annual cost of reinsurance for the trended reinsurance limit by multiplying the expected annual claims cost above the limit by 33 percent. Dividing this by 12 produces the PMPM cost of reinsurance. The table of these PMPM's, based on pricing period starting quarter, is shown in the table below. If a factor is required for a pricing period not in the table, identical data, assumptions, and methodology as described above will be used to calculate the net cost of reinsurance.

Pricing Period Starting Quarter					
Q2 2019 Q3 2019 Q4 2019 Q1 2020 Q2 2020 Q3 2020					
\$1.63	\$1.65	\$1.68	\$1.71	\$1.74	\$1.76

6.5. Pharmacy Rebates

Pharmacy rebates are calculated by taking the experience period rebates and trending them using the brand cost trend (from Exhibit 2F). Pharmacy rebates are paid with an average seven-month delay from the time of the original claims. For months in the experience for which we do not have detailed rebate information, an estimated rebate amount is included in the calculation.

6.6. Contribution to Reserve

As directed by management, we included the following contribution to reserve factors in the rate calculation:

Contribution to Reserve			
BCBSVT & TVHP Insured Groups 1.5% of premium			
BCBSVT Cost Plus Groups	0.375% of equivalent premium		

6.7. State Mandates and Assessments

Vermont Vaccine Purchasing Program Payments

The Vermont Vaccine Purchasing Program¹¹ offers health care providers state-supplied vaccines at no charge by collecting payments from Health plans, insurers, and other payers. The program's assessment is a PMPM for each Vermont resident. We estimate that the 2020 rates will be 60 percent of the original 2018 rates of \$8.15 per child and \$0.72 per adult. We will update these rates once the actual 2020 rates are known.

New Hampshire Purchasing Program Payments

The New Hampshire Purchasing Program¹² offers health care providers state-supplied vaccines at no charge by collecting payments from health plans, insurers, and other

¹¹ <u>http://www.vtvaccine.org/</u>

¹² <u>https://nhvaccine.org</u>/

payers. The assessment for 2019 is \$6.47 for each child that is a New Hampshire resident. The current best estimate of the 2020 rate is \$7.20 per assessable life per month. We will use these rates until a new rate is approved.

New York State Health Care Reform Act

BCBSVT and TVHP pay the New York GME Covered Lives Assessment¹³ for all members who are New York residents as part of the New York State Health Care Reform Act. The assessment varies based on the county of residence. We will use the approved 2019 rates until new rates are approved.

Maine Guaranteed Access Reinsurance Association

BCBSVT and TVHP will pay the Maine Guaranteed Access Reinsurance Association Assessment¹⁴. The 2019 assessment is \$4.00 per member per month for each member that is a Maine resident. We will use the 2019 rates until new rates are approved.

Health Care Claims Tax

The Health Care Claims Tax of 0.999 percent applies to all claims or capitations incurred by members with Vermont zip codes. We use the percentage of current members with Vermont zip codes to estimate the percentage of rating period claims expected to be incurred by Vermont members. Act 73 of 2013 sunset the 0.199 percent assessment for the Health IT-Fund. Given this fee has twice been extended close to its sunset date, we will include it in the calculation and update the charge if new information becomes available.

Blueprint

BCBSVT and TVHP participate in the Vermont Blueprint for Health program. The current assessments for this program, applied to members who are attributed to a Blueprint provider as of the month the renewal is produced, are \$2.77 PMPM for the Community Health Team and \$3.00 PMPM for the Patient Centered Medical Homes (PCMH). PCMH are eligible for up to \$0.50 for performance. We project that our total PMPM for PCMH will be \$3.24. The projected performance payment is based on the average payment for large groups in the experience period used to develop the average rate increase. Any updates made to the Blueprint Manual¹⁵ will be incorporated in renewals.

Green Mountain Care Board Billback

BCBSVT and TVHP are assessed a billback from the Green Mountain Care Board. Billback amounts from the administrative charges experience period described in section 6.3 are applied to projected member months to develop the charge of \$2.30 PMPM. The portion of the assessment for nonprofit hospital and medical service corporations is increasing

¹³ <u>https://www.health.ny.gov/regulations/hcra/gmecl.htm</u>

¹⁴ http://www.mgara.org/

¹⁵ http://blueprintforhealth.vermont.gov/

from 24 percent to 29.6 percent¹⁶. Accordingly, we apply a factor to reflect the increase in allocation.

GMCB Billback Calculation				
BCBSVT Projected Large Group Billback	\$210,917			
TVHP Projected Large Group Billback	\$122,154			
Total Large Group Billback	\$333,071			
Projected Member Months	178,387			
Billback Charge Before Allocation				
Change	\$1.87			
Allocation Increase	0.296/0.24 = 1.23			
Billback Charge PMPM	\$2.30			

Other Assessments

Other state mandates and assessments will be included in the calculation as applicable.

6.8. Federal Assessments

Federal Insurer Fee

The Federal Insurer Fee is intended to help pay for some provisions in the Affordable Care Act. This fee is only applicable to Fully Insured & Refund Eligible Groups. H.R.195 temporarily suspended this fee for 2019 only. For 2020 and 2021, we project the free to be 2.2% of premium. The fee will be weighted proportionally to the applicable fee by months in the rating period.

The IRS Annual Fee on Health Insurance Providers for 2018 Invoice, dated August 29, 2018, calculated the BCBSVT portion of the total assessment as:

Net premiums taken into account for BCBSVT

Net premiums taken into account for all covered entities

 $\frac{\$554,571,682.00}{\$712,963,700,661.11} = 0.078\%$

The numerator of the calculation reflects premiums collected in 2017. BCBSVT experienced losses in membership in 2018, which will reduce the amount of premium collected by BCBSVT proportionate to the net premium for all covered entities. Accordingly, we apply an adjustment to the BCBSVT portion of the total assessment by applying the following factor:

¹⁶

https://legislature.vermont.gov/Documents/2020/WorkGroups/House%20Ways%20and%20Means/GMCB/W ~Jean%20Stetter~Green%20Mountain%20Care%20Board%20Presentation~2-8-2019.pdf

2019 projected net premiums taken into account for BCBSVT

2018 invoice net premiums taken into account for BCBSVT

 $\frac{\$481,458,818}{\$554,571,682}=0.868$

The calculation of the fee is provided below, which uses the estimated 2019 industry assessment prior to the suspension of the fee. This calculation will be updated if additional information is received. BCBSVT will continue to update the rating formula in the event of a suspension of this fee.

Federal Insurer Fee Calculation				
		2018 Actual	2019 Projected	
Projected Fully Insured				
Premium subject to the				
Federal Insurer Fee	a	\$554,571,682	\$481,458,818	
Total Industry Assessment				
for Federal Insurer Fee	b	\$14,300,000,000	\$15,600,000,000	
BCBSVT and TVHP Portion				
of Total Assessment				
(based on 2018				
information)	С	0.078%	0.068%	
Premium Adjustment	d	1.000	0.868	
Projected BCBSVT and	e = b x			
TVHP Federal Insurer Fee	c x d	\$11,123,112	\$10,534,558	
Estimated Required				
Charge as a percent of	f = e /			
Total Premium	a	2.0%	2.2%	

Other Assessments

Other federal mandates and assessments will be included in the calculation as applicable.

7. Factors applicable only to specific Products

7.1. Stop Loss Coverage for Cost Plus products

Cost Plus groups are at risk for the claims incurred by their members. To protect themselves from high claims, they must purchase both Individual Stop Loss (ISL) and Aggregate Stop Loss (ASL) from BCBSVT¹⁷.

¹⁷ With the exception that with the approval of BCBSVT's Executive staff, Cost Plus groups can shop their stop loss in accordance with strict guidelines set forth by BCBSVT.

7.1.1. Individual Stop Loss

ISL charges are developed using the same formula and factors as described in section 6.2. The charges are developed for the rating period, rather than the experience period. They include a load for a 70 percent loss ratio (to include the cost of reinsurance). Stacked tier factors are used to spread the charges across the different contract tiers, even when the benefit itself is aggregate, as the accumulation of the family cost sharing for the benefit does not have a meaningful impact on claims above the ISL attachment point.

7.1.2. Aggregate Stop Loss

Distribution of Individual Claims by Amount

The distribution of individual claims by amount was stochastically modeled using the membership and claims used to develop medical and pharmacy trend, as described in section 4 (including BCBSVT Cost Plus groups, BCBSVT ASO groups, BCBSVT insured large groups, BCBSVT insured small groups and TVHP insured groups). For each number of members (N) 25, 50, 100, 150, 200 to 1000 (by increments of 100), 1,500, 2,000 to 5,000 (by increments of 1,000) and 10,000 to 20,000, 25,000 simulations are run. Each simulation assigns a random number to every member and selects the (N) lowest members. For each specific stop loss level, the expected claims amount and standard deviation of the distribution of claims less than the specific stop loss level are calculated.

Expected Claims Factors

For each number of members (N) noted above and for each ISL limit, a preliminary expected fraction of aggregate claims in excess of 110%, 115%, 120%, 125% and 130% of expected aggregate claims was calculated. These were then adjusted for uncertainty in the projection of expected claims as described in the table below:

Expected to projected expected	>107.5%	107.5% - 102.5%	102.5% - 97.5%	97.5% - 92.5%	< 92.5%
Fraction of projections	F ₁ *	F_2^*	F ₃ *	F ₄ *	F ₅ *

* Estimated for distribution

The factors developed above were then divided by 0.7 to produce an expected loss ratio (net of the provision for default) of 70 percent.

To protect BCBSVT against potential default situations (i.e. to cover the risk of the group failing to fund claims), the proposed ASL rates include an additional fixed risk charge of 0.5 percent of expected claims under the ISL limit for groups with fewer than

20,000 members, and a reduced fixed risk charge of 0.4 percent of expected claims under the ISL limit for groups of 20,000 members or more.

The final factors are applicable to total expected claims under ISL.

To assure that the factors on each line are strictly decreasing with increasing stop loss percentage, in cases where the ratio for a 130% stop loss percentage was less than 0.0001:

- the calculated value for 130% was increased by 0.00001
- the calculated value for 125% was increased by 0.00002
- the calculated value for 120% was increased by 0.00003
- the calculated value for 115% was increased by 0.00004
- the calculated value for 110% was increased by 0.00005.

The tables of factors are contained in Exhibit 6A.

If the expected number of members (N) in the rating period is not one of the values in either table, the value is determined by interpolating linearly between the entries in the table for the numbers of members immediately below and above N.

If a group requests an ISL limit or aggregate attachment point that is not in the exhibit or if there are more than 20,000 members, identical data, assumptions, and methodology as described above will be used to calculate the appropriate Aggregate Stop Loss Rating Factor for the required attachment point.

7.2. Risk and Administrative Charges for Experience Refund Eligible products

Risk Charges for Experience Refund Eligible Plans

The BCBSVT and TVHP Experience Refund Eligible products involve pricing margins of 10 percent or 5 percent (i.e. expected claims below the pooling limit will be increased by 10 percent or 5 percent in the determination of the premium). The risk charge factors are developed in the same way as the ASL factors described in the previous section, except that the loadings for the 70 percent expected loss ratio and for default (the charges of either 0.5 percent or 0.4 percent of expected claims) do not apply. These factors are applied to total expected claims under pooling (before adjustment for pricing margin) and the retention is increased by the risk charge (both in the prospective pricing and in the refund calculation).

The tables of factors are contained in Exhibit 6B. If the expected number of members (N) in the rating period is not one of the values in either table, the value is determined by interpolating linearly between the entries in the table for the numbers of members immediately below and above N.

If a group requests a pooling limit that is not in the exhibit or there are more than 20,000 members, identical data, assumptions, and methodology as described above will be used to calculate the appropriate risk charge for the required attachment point.

Settlement Administration Charge

A settlement administration charge, offset by an investment income credit, will be added to the group's administrative charges (described in section 6.3).

- 1. Settlement Administration Charge: An additional administrative charge of \$1,825 will be included to offset the costs of administering the retrospective arrangement. This amount is based on the 2019 settlement administration charge of \$1,780 increased by 2.5 percent trend to reflect the assumed increase for the direct staff cost.
- 2. Investment Income Adjustment: A credit of 0.2 percent of the margin at 5 percent and 0.4 percent of the margin at 10 percent will be applied to the settlement administrative charge to reflect investment income earned on the margin.

8. Medical Loss Ratio Projection

We use the factors and formula in this filing to project a Medical Loss Ratio (MLR) for 2020. Using the manual rate as a proxy for projected claims, we project a 2020 MLR of 89.5 percent for BCBSVT and 88.4 percent for TVHP. The BCBSVT credibility-adjusted MLR for Large Group was 96.8 percent in 2016 and 96.6 percent in 2017. The TVHP credibility-adjusted MLR for Large group was 98.4 percent in 2016 and 100.9 percent in 2017.

	BCBSVT MLR				
(A)	Manual Rate	\$550.21	Exhibit 4A		
(B)	Rebates	\$11.52	2017 MLR Filing, untrended		
(C)	Estimated HCQ	\$2.88	2017 MLR Filing, untrended		
(D)	State Mandates and Assessments	\$9.41	Calculation as described on Exhibit 1C, using latest actual PMPM as needed		
(E)	MLR Numerator	\$550.98	= (A) - (B) + (C) + (D)		
(F)	Projected Claims	\$548.10	= (A) - (B) + (D)		
(G)	Net Cost of Reinsurance	\$1.71	Actuarial Memorandum, Section 6.4		
(H)	Administrative Charge	\$48.51	Calculation as of January 2020, from Exhibit 5B		
(I)	GMCB Billback	\$2.30	Calculation using 2019 Charges		
(J)	Subtotal	\$600.62	= (F) + (G) + (H) + (I)		
(K)	Total Premium	\$629.43	= (J) / (1-0.022-0.009-0.015)		
(L)	Federal Insurer Fee	\$13.85	= (K) x 2.2% (from Actuarial Memorandum, Section 6.8)		
(M)	Commissions	\$5.52	= (K) x 0.9% (from 2017 MLR filing)		
(N)	Contribution to Reserve	\$9.44	= (K) x 1.5% (from Actuarial Memorandum, Section 6.6)		
(0)	MLR Denominator	\$615.59	= (K)- (L)		
(P)	MLR	89.5 %	= (E) / (O)		

	TVHP MLR				
(A)	Manual Rate	\$550.21	Exhibit 4A		
(B)	Rebates	\$9.50	2017 MLR Filing, untrended		
(C)	Estimated HCQ	\$5.01	2017 MLR Filing, untrended		
(D)	State Mandates and Assessments	\$9.41	Calculation as described on Exhibit 1C, using latest actual PMPM as needed		
(E)	MLR Numerator	\$555.12	= (A) - (B) + (C) + (D)		
(F)	Projected Claims	\$550.12	= (A) - (B) + (D)		
(G)	Net Cost of Reinsurance	\$1.71	Actuarial Memorandum, Section 6.4		
(H)	Administrative Charge	\$48.51	Calculation as of January 2020, from Exhibit 5B		
(I)	GMCB Billback	\$2.30	Calculation using 2019 Charges		
(J)	Subtotal	\$602.64	= (F) + (G) + (H) + (I)		
(K)	Total Premium	\$641.89	= (J) / (1-0.022-0.024-0.015)		
(L)	Federal Insurer Fee	\$14.12	= (K) x 2.2% (from Actuarial Memorandum, Section 6.8)		
(M)	Commissions	\$15.50	= (K) x 2.4% (from 2017 MLR filing)		
(N)	Contribution to Reserve	\$9.63	= (K) x 1.5% (from Actuarial Memorandum, Section 6.6)		
(0)	MLR Denominator	\$627.77	= (K) - (L)		
(P)	MLR	88.4%	= (E) / (O)		

The above calculations represent estimates assuming that all pricing assumptions hold true, and assuming no change from 2017 values for various quantities (e.g. rebates, commissions).

9. Act 193 Information

The table below shows the year-over-year increase in plan spending and the percentage of the 2020 manual rate for generic, brand, and specialty drugs. The percent of 2020 manual rate was calculated as the experience drug claims (October 2017 - September 2018, paid through November 2018), trended to 2020 and adjusted to the pharmacy contract in force for 2020, divided by the 2020 manual rate of \$550.21 (from section 6.1). The year-over-year increase was calculated as the increase in drug spending from the experience period used in the 2019 renewals for the 2018Q3 filing (October 2016 - September 2017, paid through November 2017) to the experience period used for the 2020 renewals in this filing.

Drugs Processed Under the Pharmacy Benefit				
Туре	Percent of 2020 Manual Rate	Increase in Plan Spending		
Generic	2.1%	2.4%		
Brand	7.7%	10.5%		
Specialty	10.7%	22.7%		

The increase in drug spending compared to other premium components is below:

Premium Increases							
Component	Increase						
Rx Claims	14.5%						
Medical Claims	5.8%						
Non-Claims Components	32.2%						

The 32.2 percent increase on non-claims components includes the return of the Federal Insurer Fee in 2020. Without this fee, the non-claims components increase 10.9 percent.

Please see Addendum A for the specialty formulary as of 1/1/2019.

Drugs administered in an outpatient setting and covered by the medical benefit represent 5.9 percent of the 2020 manual rate. Outpatient drug claims from the renewal experience period were trended to 2020 and divided by the 2020 manual rate of \$550.21.

BCBSVT's pharmacy benefits are administered by Express Scripts (ESI). ESI will manage claims processed through the pharmacy benefit but not claims processed through the medical benefit for use in a facility.

10. Actuarial Opinion

The purpose of this filing is to establish the formula, manual rate, and accompanying factors that will be used for renewals of Blue Cross and Blue Shield of Vermont and The Vermont Health Plan large group plans. This filing is not intended to be used for other purposes.

The data used in this analysis has been reviewed for reasonableness and consistency; however, it has not been audited.

It is my opinion that the rating formula and factors presented in this filing are reasonable, and have been prepared in accordance with applicable Actuarial Standards of Practice. The formula and factors will produce premium rates that are reasonable in relation to the benefits provided, and will not be excessive, deficient or unfairly discriminatory.

I am a Fellow of the Society of Actuaries and a Member of the American Academy of Actuaries, and I meet the Academy's Qualification Standards to render this opinion.

Paulat

Paul A Schultz, F.S.A., M.A.A.A.

February 20, 2019

I HEREBY CERTIFY that I have reviewed the applicable filing requirements for this filing, and, to the best of my knowledge, the filing complies with all applicable statutory and regulatory provisions for the State of Vermont.

Ruth Greene Vice President, Treasurer & CFO

<u>02/21/2019</u> Date



February 20, 2019

Thomas Crompton Health Systems Finance Associate Director Green Mountain Care Board 144 State Street Montpelier, Vermont 05602

Subject: Blue Cross and Blue Shield of Vermont - NAIC # 53295 The Vermont Health Plan - NAIC # 95696 Q3 2019 Large Group Rating Program Filing

Dear Mr. Crompton:

Attached for the Green Mountain Care Board's review and approval is Blue Cross and Blue Shield of Vermont's and The Vermont Health Plan's Q3 2019 Large Group Rating Program Filing. As directed by the Board, this filing combines the various factor filings for large group rating components (trend, large claims, benefit relativity, administrative fees and contribution to reserve, and the formula itself) into a single filing.

Please let me know if we can answer any questions or provide further information during your review.

Sincerely,

hene **Ruth Greene**

cc: Paul Schultz/BCBSVT Martine Lemieux/BCBSVT



Vermont Department of Financial Regulation

Health Filing Form F-106

NAIC#: 95696 Transmittal Date: 02/21, Company Name: The Vermont Health Plan		
Address: PO Box 186		
City, State, Zip: Montpelier, VT 05601-018	6	
Phone: ()(802) 371-3450	Contact Person: Alison Partridge	
2019 TVHP Large Group Filing		
Amends a previously filing, Dep	artmental File No.:	Approval Date:
Type of Filing:Form(s)_X_Rate(s)		
Completely and accurately identify the then add comments below (check all		categories does not describe the product fil
Accident Only	1	1
AD&D	Disability	Miscellaneous
Advertising	Home Health Only	Nursing Home Only Organ Transplant
-	— Hospital Indemnity	Prescription Drug
—— Blanket		Student/Athlete
Cancer Expense	Long Term Care Qualified	Stop Loss/Excess Risk
	Non-Qualified	
Critical Illness	Major Medical	
Dental	Medicare Supplement	<u> </u>
Comments: <u>Health</u>		
MANDATORY - Filing Fee Informati	on:	
1. State of Domicile: Vermont	-	
 A: Filing fee for the Company's B: Amount of filing fee being set 		-
	ile's retaliatory fee? Yes No _ > as determined, show all calculations (us	
Explain how each part of the fee w	· ·	

Blue Cross and Blue Shield of Vermont and The Vermont Health Plan Q3 2019 Large Group Rating Program Filing Plain Language Summary

Blue Cross and Blue Shield of Vermont (BCBSVT) and its subsidiary, The Vermont Health Plan (TVHP), are committed to the health of Vermonters, outstanding member experiences and responsible cost management for all of the people whose lives we touch. By pooling the populations covered by our products, we protect individuals from the unaffordable and potentially ruinous costs associated with significant illnesses or injuries. Our products promote preventive care, health maintenance, and health improvement, and we have in place strong utilization management programs that support members who require medical care and assure that they have access to high value care while avoiding unnecessary costs.

BCBSVT and TVHP also work with providers to dampen cost increases through reimbursement strategies that include incentives to both provide and properly manage care. Our vision is a transformed health care system in which every Vermonter has health care coverage, and receives timely, effective, affordable care. None of this work is possible unless BCBSVT and TVHP remain financially healthy, and that requires premium rates that cover the medical expenses of the populations served.

BCBSVT and TVHP perform large group premium rating on a case-by-case basis. Rating is accomplished through a formulaic approach that blends recent group claims experience with a manual rate according to a credibility formula. This filing establishes the rating formula, manual rate and accompanying factors that will be used for large group renewals beginning upon approval of this filing, most notably January 2020 renewals.

There are an estimated 6,300 contracts (12,100 members) currently enrolled in one of 53 BCBSVT large group plans that will be affected by this filing. TVHP has an estimated 1,400 contracts (2,500 members) enrolled in 15 large group plans that will be affected by this filing.

The filing describes in detail the formula used in the renewals, along with each of the factors included in that formula. These include large claims pooling factors, medical and pharmacy trends, and benefit relativities, along with the development of the manual rate. In addition, the filing details the calculation of administrative charges, the net cost of reinsurance, contribution to reserve, and state and federal assessments, all of which are included in the rate development. Finally, the filing discusses certain factors applicable only to specific products.

BCBSVT and TVHP are proposing paid trends of 8.0 percent for medical claims and 9.9 percent for pharmacy claims, for a total combined trend of 8.4 percent. Our proposed medical trend is higher than the 5.9 percent that was approved in our most recent large group rating program filing. The quantity of services used by members is accelerating, particularly in inpatient and professional settings, while the care being provided is costlier. The pharmacy trend is lower than the 10.6 percent approved in the previous filing.

Our proposed manual rate, the projected average calendar year 2020 paid claims per member per month for groups impacted by this filing, is \$550.21.

Administrative charges have increased by 17.8 percent from the previous filing, which increases premium by 1.2 percent. Increasing administrative expenses are driven largely by lower membership volume.

Blue Cross and Blue Shield of Vermont and The Vermont Health Plan Q3 2019 Large Group Rating Program Filing Plain Language Summary

A contribution to reserves is required in order to maintain an adequate level of surplus. Surplus is a critical consumer protection that allows subscribers to receive needed care and providers to continue to receive payments for their services in the event of unforeseen adverse events that may otherwise impact BCBSVT's and TVHP's ability to pay claims. The contribution to reserves established in this filing will allow us to maintain a level of reserves that is in compliance with that ordered by the Vermont Department of Financial Regulation.

We have changed our large group rating formula by using multiple years of each group's experience to calculate projected claims. There were no other material changes.

Specialty Drug List

Unless otherwise noted, all brand and generic formulations of a product are considered specialty.

CANCER (cont'd)

Green = Drugs distributed exclusively by Accredo.

Red = Drugs distributed by Accredo as part of a limited distribution network. Blue = Drugs that are designated specialty but not dispensed by Accredo.

* = Your plan may require most specialty medications to be dispensed exclusively by Accredo. Those medications marked by an asterisk (*) may have allowances for one or more retail fills.

ALPHA 1 DEFICIENCY Aralast NP® GlassiaTM Prolastin C® Zemaira®

ANTICOAGULANT

Arixtra®* (fondaparinux sodium) Fragmin®* Iprivask® Lovenox®*(enoxaparin sodium)

ASTHMA & ALLERGY

Cinqair® Dupixent® Fasenra™ Nucala® Oralair® Xolair®

BLOOD CELL DEFICIENCY

Aranesp® Doptelet[®] Epogen® Fulphila™ Granix™ Leukine® Mircera Mozobil[®] Mulpleta® Neulasta® Neumega[®] Neupogen® Nplate Procrit[®] Promacta[®] Tavalisse™ Zarxio™

CANCER Abraxane[®] Adcetris™ Afinitor® Alecensa® Aliqopa™ Alunbrig™ Arranon **Arzerra**® Avastin[®] Azedra® Bavencio Beleodaq™ Bendeka™ Besponsa[™] Blincyto[™] **Bosulif**[®] Braftovi™ Cabometyx™ Calquence Caprelsa Cometriq™ Cotellic® Cyramza™ Dacogen[®] (decitabine) Darzalex® Eligard® Empliciti™

Erbitux® Erivedge™ Erleada™ Frwinaze® Evomela™ Farydak[®] Firmagon® **Folotyn®** Gazyva™ Gilotrif™ Gleevec[®] (imatinib) Halaven[™] Herceptin® Hycamtin[®] (capsules) Hycamtin[®] (topotecan injection) Ibrance[®] Iclusig[®] Idhifa[®] Imbruvica[™] Imfinzi[™] Imlygic[™] Inlyta[®] Intron A® I ressa® Istodax® I xempra® Jakafi™ Jevtana[®] Kadcyla™ Kepivance[®] Keytruda[®] Kisqali® Kisqali Femara® **Kymriah**^T Kyprolis Lartruvo™ Lenvima™ Lonsurf Lutathera® Lupron Depot® Lynparza™ Marqibo® Matulane Mekinist™ **Mektovi**® Mylotarg[™] Nerlynx[™] Nexavar® Ninlaro® Odomzo® Onivyde™ Opdivo[®] Pegasys® Peg-Intron® Perjeta™ Pomalyst[®] Portrazza™ Poteligeo[®] Proleukin[®] Provenge® Purixan™ **Revlimid**® **Rituxan®** Rituxan Hycela® Rubraca Rydapt[®] Sprycel® Stivarga[®] Sutent® Sylatron™ Sylvant™

CANCER (cont'd) Synribo™

Tafinlar® Tagrisso™ Tarceva® Targretin® Tasigna® Tecentriq™ Temodar[®] (temozolomide) Thalomid[®] Tibsovo Torisel® Treanda® Tykerb[®] Unituxin™ Valchlor™ Valstar® Vantas Vectibix® Velcade® Venclexta™ Verzenio TM Vidaza[®] (azacitidine) Vistogard Votrient[®] Vyxeos[™] Xalkori[®] Xeloda®(capecitabine) Xgeva™ Xofigo[®] Xtandi[®] Yervoy™ Yescarta™ Yondelis[®] Yonsa® Zaltrap® Zejula™ Zelboraf™ Zoladex[®] Zolinza® Zometa[®] Zykadia[™] Zytiga[™]

CONTRACEPTIVES

Kyleena[™] Liletta[™] Mirena[®] Nexplanon[®] Paragard[®] Skyla[®]

CYSTIC FIBROSIS Bethkis[®]

Cayston® KalydecoTM Kitabis PakTM OrkambiTM Pulmozyme®* SymdekoTM Tobi® (tobramycin) Tobi PodhalerTM

ENDOCRINE DISORDERS AveedTM Crysvita® Egrifta® Korlym®

ENDOCRINE DISORDERS (cont'd)

Kuvan[®] Lupaneta Pack™ . Lupron Depot-Ped® Myalept™ Natpara® Palynziq™ Samsca Sandostatin[®] (octreotide acetate) Sandostatin LAR® Signifor® LAR Signifor® Somatuline Depot® Somavert[®] Supprelin LA® Testopel[®] Triptodur™ Xermelo¹

ENZYME DEFICIENCIES

Adagen[®] Aldurazyme[®] Brineura Carbaglu® Cerdelga™ Cerezyme[®] Cystadane[®] Elaprase[®] . Elelyso™ Fabrazyme® Galafold™ Kanuma™ Lumizyme™ Mepsevii™ Naglazyme[®] Nityr™ **Orfadin**® Ravicti™ Strensig™ Sucraid Vimizim™ **VPRIV**[™] Zavesca® (miglustat)

GROWTH DEFICIENCY

Genotropin[®] Humatrope[®] Increlex[®] Norditropin[®] Nutropin AQ[®] Omnitrope[®] Saizen[®] Serostim[®] Zomatton[®] Zorbtive[®]

HEMOPHILIA

Advate® Adynovate™ Afstyla® Alphanate® Alphanine SD® Alprolix™ Bebulin® Bebulin® Benefix® Coagadex® Corifact®

HEMOPHILIA (cont'd)

DDAVP[®] (desmopressin acetate) (oral/nasal forms are not specialty) Floctate¹ Feiba® Fibryga[®] Helixate FS® Hemlibra[®] Hemofil M[®] Humate-P[®] Idelvion[®] I xinity[®] Jivi® Koate® Kogenate FS® Kovaltry[®] Monoclate-P[®] Mononine® Novoeight® Novoseven RT® Nuwiq[®] Obizur™ Profilnine SD® Rebinyn[®] Recombinate[™] RiaSTAP Rixubis™ Stimate® Tretten® Vonvendi™ Wilate® Xyntha®

HEPATITIS C

Daklinza™ Epclusa® Harvoni® Mavyret™ Ribasyhere®, Ribasphere®, Ribasphere®, Ribapak®, Moderiba™) Sovaldi® Viekira Pak® Vosevi® Zepatier®

HEREDITARY

ANGIOEDEMA Berinert® Cinryze® Firazyr® Haegarda® Kalbitor® Ruconest® TakhzyroTM

HIGH BLOOD CHOLESTEROL Juxtapid[®] Praluent[™] Repatha[™]

HIV Trogarzo™



Unless otherwise noted, all brand and generic formulations of a product are considered specialty.

Green = Drugs distributed exclusively by Accredo.

Red = Drugs distributed by Accredo as part of a limited distribution network.

Blue = Drugs that are designated specialty but not dispensed by Accredo.

* = Your plan may require most specialty medications to be dispensed exclusively by Accredo. Those medications marked by an asterisk (*) may have allowances for one or more retail fills.

IDIOPATHIC PULMONARY FIBROSIS Esbriet[™] OFEV[®]

IMMUNE DEFICIENCY

Bivigam[™] Cuvitru[™] Cytogam[®] Flebogamma[®] Gammagard Liquid[®] Gammagard S-D[®] Gammaked[™] Gammaked[™] Gamunex-C[®] Hizentra[™] HyQvia[™] Octagam[®] Privigen[®]

INFERTILITY¹

(oral forms are not specialty) Bravelle® Cetrotide® Chorionic Gonadatropin (brands include Novarel®, Pregnyl®) Crinone® Endometrin® Follistim AQ® Ganirelix (ganirelix acetate) Gonal-F® leuprolide Menopur® Ovidrel® progesterone injection

INFLAMMATORY

CONDITIONS Actemra[®] Arcalyst[®] Benlysta[®] Cimzia® Cosentyx™ Enbrel® Entyvio™ Humira® Humira® (Pediatric) I laris® Inflectra™ Kevzara® Kineret[®] **Olumiant**® Orencia® Otezla[®] Remicade[®] Renflexis™ Siliq™ Simponi™ Simponi Aria® Stelara™ Taltz[®] Tremfya™ Xeljanz® Xeljanz XR®

IRON TOXICITY Exjade® Ferriprox®

Jadenu™

MISCELLANEOUS DISEASES Acthar H.P. Gel® Actimmune®

Apokyn® Arestin® Austedo Botox[®] Botox Cosmetic[®] Ceprotin[™] Chenodal[®] Cholbam[®] Cystagon® Daraprim[®] Duopa[™] Dysport[®] Endari™ Gattex® Gocovri™ Hemangeol[™] Hetlioz[™] Ingrezza™ Jynarque™ Kevevis[®] Krystexxa[®] MakenaTM (hydroxyprogesterone caproate) Mvobloc® Northera™ Nuplazid™ Ocaliva™ Onpattro™ Prialt® Procysbi™ Prothelial™ Qutenza[®] Sabril[®] (vigabatrin) Sinuva[™] Solesta® Soliris[®] Sprix[®] Sublocade™ Thiola® Thyrogen® Varithena Vigadrone™ Vivitrol® Xenazine®(tetrabenazine) Xeomin[®] Xiaflex™ Xuriden™

MULTIPLE SCLEROSIS

Xyrem^{®2}

Zecuity®

Ampyra® Aubagio® Avonex® Betaseron® Copaxone® (glatiramer, Glatopa®) Extavia® Gilenya® Lemtrada® mitoxantrone® Ocrevus® Plegridy® Rebif® Tecfidera® Tysabri®

MUSCULAR DYSTROPHIES

Emflaza[™] Exondys 51[™] Radicava[™] Spinraza[™]

OPHTHALMIC

CONDITIONS Cystaran[™] Eylea[®] Iluvien[™] Jetrea[®] Lucentis[®] Luxturna[™]

OPHTHALMIC

CONDITIONS (cont'd) Macugen® OzurdexTM Retisert® Visudyne®

OSTEOARTHRITIS

Durolane® Euflexxa® Gel-One® Gelsyn-3TM Genvisc 850® Hyalgan® Hymovisc® Monovisc® Orthovisc® Supartz® Synvisc® Visco-3TM ZilrettaTM

OSTEOPOROSIS

Boniva® (ibandronate) (*oral* forms are not specialty) Forteo® Prolia™ Reclast® Tymlos™

PULMONARY HYPERTENSION

Adcirca® (tadalafil) Adempas® Flolan® (epoprostenol) Flolan Diluent® (epoprostenol diluent) Letairis® Orenitram™ Remodulin® Remodulin® Revatio® (sildenafil citrate) Tracleer® Tyvaso® Uptravi® Veletri® Ventavis®

RESPIRATORY SYNCYTIAL VIRUS Synagis®

866.591.9075 | accredo.com

1. Some products may be dispensed from Accredo and/or Freedom Fertility Pharmacy 2. Xyrem® is distributed through Express Scripts Specialty Distribution Services, Inc.

Disclaimer: Note that additional generic versions of listed medications may be available. Please consult your pharmacist to determine if a generic version of any particular specialty medication is available.

BLUE CROSS AND BLUE SHIELD OF VERMONT and THE VERMONT HEALTH PLAN Q3 2019 LARGE GROUP RATING PROGRAM FILING

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Example Calculation of Projected Single Claims Rate for Active Members

Benefit-Adjusted Projected Single Claims Rate:

Experience Period Paid Claims	\$1,942,000	А
Experience Period Claims Amount above \$70,000 Pooling Limit	\$242,000	В
Capped Claims	\$1,700,000	C = A — B
Completion Factor	1.005	D
Completed Capped Claims	\$1,710,000	$E = C \times D$
Expected Claims above \$70,000 Pooling Limit	\$228,000	F
Experience Adjustment Factor	1.000	G
Adjusted Experience Period Claims	\$1,938,000	$H = (E + F) \times G$
Experience Period Member Months	4,000	I
Adjusted Experience Period Claims PMPM	\$484.50	J = H ÷ I
Average Experience Period Seasonally Adjusted Benefit Relativity Factor	0.775	К
Demographic Normalization	1.000	L
Benefit-Adjusted Experience Period Single Claims Rate	\$624.76	$M = J \div K * L$
Trend	1.084	Ν
Trend Months	18	0
Trend Factor	1.129	$P = N^{(0/12)}$
Pharmacy Contract Adjustment	0.990	Q
Projected Single Contract Rate	\$698.06	$R = M \times P \times Q$
Adjusted Manual Rate	\$650.48	S
Credibility factor	53%	т
Benefit-Adjusted Projected Single Claims Rate	\$675.91	$U = (R x T) + \{ S x (1 - T) \}$

Credibility Calculation

Active Member Months	4,000	a
Member Months for Full Credibility at \$70,000 Pooling Limit	14,002	b
Credibility	53%	c = (a / b) ^ 0.5

Example Calculation of Projected Single Claims Rate for Medicare Primary Members

Benefit-Adjusted Projected Single Claims Rate:

Experience Period Paid Claims	\$16,000	А
Experience Period Claims Amount above \$70,000 Pooling Limit	\$0	В
Capped Claims	\$16,000	C = A - B
Completion Factor	1.011	D
Completed Capped Claims	\$16,200	$E = C \times D$
Expected Claims above \$70,000 Pooling Limit	\$0	F
Experience Adjustment Factor	1.000	G
Adjusted Experience Period Claims	\$16,200	$H = (E + F) \times G$
Experience Period Member Months	96	I
Adjusted Experience Period Claims PMPM	\$168.75	J = H ÷ I
Average Experience Period Seasonal Adjusted Benefit Relativity Factor	0.446	К
Demographic Normalization	1.000	L
Benefit-Adjusted Experience Period Single Claims Rate	\$378.45	$M = J \div K * L$
Trend	\$1.07	Ν
Trend Months	\$18.00	0
Trend Factor	1.113	P = N ^ (O/12)
Pharmacy Contract Adjustment	0.990	Q
Projected Single Contract Rate	\$417.01	$R = M \times P \times Q$
Adjusted Manual Rate	\$384.05	S
Credibility factor	11%	т
Benefit-Adjusted Projected Single Claims Rate	\$387.59	$U = (R \times T) + \{S \times (1 - T)\}$

Credibility Calculation

Medicare Primary Member Months	96	a
Member Months for Full Credibility	8,325	b
Credibility	11%	c = (a / b) ^ 0.5

Example Calculation of Projected Single Claims Rate for Active Members with Multiple Experience Periods

Period	А	В	с	Manual	
	7/1/2018	7/1/2017		Manual	
Experience Period Start			7/1/2016		
Experience Period End	6/30/2019	6/30/2018	6/30/2017		
Paid Claims in Experience Period	\$1,942,000	\$1,810,000	\$1,650,000		А
Claims over \$110,000 Pooling Limit	\$242,000	\$321,000	\$80,000		В
Capped Claims	\$1,700,000	\$1,489,000	\$1,570,000		C = A — B
Completion Factor	1.005	1.000	1.000		D
Completed Capped Claims	\$1,710,000	\$1,490,000	\$1,570,000		$E = C \times D$
Expected Claims above \$70,000 Pooling Limit	\$228,000	\$212,000	\$200,000		F
Experience Adjustment Factor	1.000	1.000	1.000		G
Adjusted Experience Period Claims	\$1,938,000	\$1,702,000	\$1,770,000		H = (E + F) x G
Experience Period Member Months	4,000	4,100	3,900		I
Adjusted Experience Period Claims PMPM	\$484.50	\$415.12	\$453.85		J = H ÷ I
Average Experience Period Seasonally Adjusted Benefit Relativity					
Factor	0.775	0.775	0.775		К
Demographic Normalization	1.000	1.002	0.998		L
Benefit-Adjusted Experience Period Single Claims Rate	\$624.76	\$536.37	\$584.06		M = J ÷ K x L
Trend	1.072	1.072	1.072		N
Trend Months	18	30	42		0
Trend Factor	1.110	1.190	1.276		$P = N^{(0/12)}$
Pharmacy Contract Adjustment	0.990	0.980	0.975		Q
Projected Single Contract Rate	\$686.50	\$625.43	\$726.35	\$650.48	$R = M \times P \times Q$
			c		
Credibility Calculation	A	В	С	Manual	
Starting Residual	100.0%	46.6%	21.4%	10.1%	$S = 1 - \Sigma W$
Active Member Months	4,000	4,100	3,900		Т
Member Months for Full Credibility at \$70,000 Pooling Limit	14,002	14,002	14,002		U
Credibility	53.4%	54.1%	52.8%		V = (T / U) ^ 0
Rating Credibility	53.4%	25.2%	11.3%	10.1%	$W = S \times V$
Projected Single Contract Rate	\$686.50	\$625.43	\$726.35	\$650.48	х
Credibility	53.4%	25.2%	11.3%	10.1%	Ŷ
Benefit-Adjusted Projected Single Claims Rate	\$366.92	\$157.55	\$81.89	\$65.62	Z = W x Y
Σ Benefit-Adjusted Projected Single Claims Rate	\$671.98	÷	+,	+	$= \Sigma Z$

Example Calculation of Required Premium by Product and Tier Illustrative Only

From Exhibit 1A : Active Benefit-Adjusted Projected Single Claims Rate (S)	\$675.91
Medicare Primary Benefit-Adjusted Projected Single Claims Rate (S)	\$387.59

Plan A			Single	2-Person	Family	Medicare Primary
			•			
Members per contract			1.000	2.000	3.940	1.000
BRV:	А		0.929	1.859	2.622	0.439
Projected Claims:	B1 = A x S		\$628.13	\$1,256.25	\$1,772.43	\$170.00
Net Cost of Reinsurance:	B2		\$1.71	\$3.42	\$6.74	\$0.00
Projected Rx Rebate:	B3		-\$14.00	-\$28.00	-\$55.16	-\$14.00
State Mandates and Assessments						
Vaccines for Vemonters	C1		\$2.50	\$5.00	\$9.85	\$2.50
Blueprint for Health	C2		\$6.01	\$12.02	\$23.68	\$6.01
Health Care Claims Tax	C3 = 0.999% * B1		\$6.27	\$12.55	\$17.71	\$1.70
GMCB Billback	C4		\$1.87	\$3.74	\$7.37	\$1.87
Administrative Charge	D		\$50.00	\$100.00	\$197.00	\$50.00
Commission (% premium)	E	3.00%				
Contribution to Reserve	F	1.50%				
Federal Insurer Fee	G	2.20%				
Required Premium:	$H = [\Sigma(B_i) + \Sigma(C_i) + I F - G]$	D]/(1-E-	\$731.50	\$1,463.00	\$2,121.77	\$233.73

Plan B			Single	2-Person	Family	Medicare Secondary
Members per contract			1.000	2.000	3.938	1.000
BRV:	А		1.023	2.046	2.887	0.453
Projected Claims:	B1 = A x S		\$691.46	\$1,382.92	\$1,951.14	\$175.66
Net Cost of Reinsurance:	B2		\$1.71	\$3.42	\$6.74	\$0.00
Projected Rx Rebate:	B3		-\$14.00	-\$28.00	-\$55.16	-\$14.00
State Mandates and Assessments						
Vaccines for Vemonters	C1		\$2.50	\$5.00	\$9.85	\$2.50
Blueprint for Health	C2		\$6.01	\$12.02	\$23.68	\$6.01
Health Care Claims Tax	C3 = 0.999% * B1		\$6.91	\$13.82	\$19.49	\$1.75
GMCB Billback	C4		\$1.87	\$3.74	\$7.37	\$1.87
Administrative Charge	D		\$50.00	\$100.00	\$197.00	\$50.00
Commission (% premium)	E	3.00%				
Contribution to Reserve	F	1.50%				
Federal Insurer Fee	G	2.20%				
Required Premium:	$H = [\Sigma(B_i) + \Sigma(C_i) + D]$ F - G)] / (1 - E -	\$800.06	\$1,600.12	\$2,315.22	\$239.86

BLUE CROSS AND BLUE SHIELD OF VERMONT and THE VERMONT HEALTH PLAN Q3 2019 LARGE GROUP RATING PROGRAM FILING

ILLUSTRATION OF CONTRACT NORMALIZATION

Jul-14 1.1699 \$1,000,000 \$1,169,859 Aug-14 1.1699 \$1,000,000 \$1,169,859 Sep-14 1.1699 \$1,000,000 \$1,124,864 Nov-14 1.1249 \$1,000,000 \$1,124,864 Dec-14 1.1249 \$1,000,000 \$1,124,864 Jan-15 1.1249 \$1,000,000 \$1,124,864 Mar-15 1.1249 \$1,000,000 \$1,124,864 Mar-15 1.1249 \$1,000,000 \$1,124,864 Mar-15 1.1249 \$1,000,000 \$1,124,864 Mar-15 1.1249 \$1,000,000 \$1,124,864 Jul-15 1.1249 \$1,000,000 \$1,124,864 Jul-15 1.1249 \$1,000,000 \$1,124,864 Jul-15 1.1249 \$1,000,000 \$1,124,864 Oct-15 1.0400 1.0816 \$1,000,000 \$1,124,864 Jul-15 1.249 \$1,000,000 \$1,81,600 Nov-15 1.0816 \$1,000,000 \$1,81,600 Jan-16 1.0816 <th></th> <th>Month</th> <th>Contract Increase</th> <th>Normalization Factor</th> <th>Experience Claims</th> <th>Normalized Claims</th>		Month	Contract Increase	Normalization Factor	Experience Claims	Normalized Claims
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		Jun-18		1.0000	\$1,000,000	\$1,000,000

		Original Allowed Claims (adjusted to the VHP network)				Adjusted Claims - Normalized for Contract Changes					
Month	Membership	Inpatient	Outpatient	Professional	Total Allowed Claims	PMPM	Inpatient	Outpatient	Professional	Total Allowed Claims	PMPM
Jul-14	68,855	\$4,925,052	\$10,697,274	\$8,504,952	\$24,127,277	\$350.41	\$5,957,370	\$12,785,380	\$8,279,746	\$27,022,496	\$392.46
Aug-14	68,711	\$5,640,921	\$10,209,462	\$8,041,264	\$23,891,646	\$347.71	\$6,871,672	\$12,241,850	\$7,780,706	\$26,894,228	\$391.41
Sep-14	68,611	\$6,128,442	\$10,659,721	\$8,948,249	\$25,736,413	\$375.11	\$7,507,692	\$12,783,435	\$8,762,648	\$29,053,776	\$423.46
Oct-14	66,404	\$6,139,382	\$11,992,914	\$9,648,377	\$27,780,673	\$418.36	\$7,218,435	\$14,070,717	\$9,443,602	\$30,732,754	\$462.81
Nov-14	66,484	\$5,194,883	\$10,273,808	\$8,078,981	\$23,547,671	\$354.19	\$6,179,870	\$11,932,501	\$7,888,866	\$26,001,236	\$391.09
Dec-14	66,505	\$5,133,822	\$12,616,880	\$9,279,549	\$27,030,250	\$406.44	\$6,203,254	\$14,705,095	\$9,051,613	\$29,959,962	\$450.49
Jan-15	65,209	\$4,960,990	\$10,828,057	\$7,825,393	\$23,614,440	\$362.13	\$5,521,870	\$12,165,857	\$7,829,144	\$25,516,872	\$391.31
Feb-15	65,322	\$4,732,182	\$10,651,969	\$7,156,220	\$22,540,371	\$345.07	\$5,361,910	\$11,926,492	\$7,164,155	\$24,452,557	\$374.34
Mar-15	65,179	\$5,640,450	\$11,977,292	\$8,454,774	\$26,072,516	\$400.01	\$6,297,163	\$13,428,393	\$8,484,918	\$28,210,475	\$432.82
Apr-15	64,721	\$5,015,823	\$11,579,909	\$8,210,080	\$24,805,812	\$383.27	\$5,537,535	\$12,991,290	\$8,250,506	\$26,779,331	\$413.77
May-15	64,597	\$5,344,644	\$10,558,581	\$7,882,694	\$23,785,918	\$368.22	\$6,004,039	\$11,823,942	\$7,882,778	\$25,710,760	\$398.02
Jun-15	65,121	\$5,822,340	\$11,507,803	\$8,161,353	\$25,491,497	\$391.45	\$6,490,851	\$12,903,670	\$8,161,161	\$27,555,682	\$423.15
Jul-15	64,832	\$5,108,016	\$11,393,485	\$8,064,873	\$24,566,373	\$378.92	\$5,645,561	\$12,747,581	\$8,067,435	\$26,460,576	\$408.14
Aug-15	64,518	\$5,048,758	\$10,183,546	\$7,607,275	\$22,839,580	\$354.00	\$5,615,566	\$11,367,128	\$7,578,935	\$24,561,629	\$380.69
Sep-15	64,137	\$5,933,837	\$11,356,981	\$8,094,965	\$25,385,784	\$395.81	\$6,598,644	\$12,698,114	\$8,067,342	\$27,364,099	\$426.65
Oct-15	64,092	\$5,343,052	\$11,895,541	\$8,810,077	\$26,048,670	\$406.43	\$5,857,843	\$13,183,043	\$8,770,557	\$27,811,443	\$433.93
Nov-15	64,102	\$5,835,311	\$11,250,318	\$8,128,167	\$25,213,795	\$393.34	\$6,404,175	\$12,455,457	\$8,085,170	\$26,944,802	\$420.34
Dec-15	64,301	\$4,340,154	\$13,058,893	\$8,734,342	\$26,133,389	\$406.42	\$4,774,344	\$14,408,539	\$8,686,176	\$27,869,059	\$433.42
Jan-16	60,146	\$4,757,847	\$10,644,978	\$7,353,326	\$22,756,151	\$378.35	\$5,099,537	\$11,428,230	\$7,293,193	\$23,820,960	\$396.05
Feb-16	60,017	\$4,775,451	\$10,746,162	\$7,327,377	\$22,848,989	\$380.71	\$5,103,326	\$11,530,263	\$7,256,131	\$23,889,719	\$398.05
Mar-16	60,007	\$4,889,208	\$11,792,210	\$8,182,759	\$24,864,177	\$414.35	\$5,241,663	\$12,645,951	\$8,081,974	\$25,969,588	\$432.78
Apr-16	59,837	\$4,496,633	\$10,975,747	\$7,340,605	\$22,812,984	\$381.25	\$4,778,902	\$11,758,422	\$7,254,320	\$23,791,644	\$397.61
May-16	59,314	\$4,104,670	\$11,110,817	\$7,647,872	\$22,863,358	\$385.46	\$4,409,087	\$11,953,083	\$7,538,418	\$23,900,588	\$402.95
Jun-16	59,091	\$5,300,926	\$11,646,146	\$7,739,381	\$24,686,454	\$417.77	\$5,667,384	\$12,510,012	\$7,645,080	\$25,822,476	\$437.00
Jul-16	58,874	\$5,240,866	\$9,878,785	\$6,896,384	\$22,016,035	\$373.95	\$5,574,386	\$10,615,164	\$6,788,721	\$22,978,271	\$390.30
Aug-16	58,734	\$5,094,198	\$10,953,955	\$7,832,154	\$23,880,307	\$406.58	\$5,407,015	\$11,753,950	\$7,735,390	\$24,896,354	\$423.88
Sep-16	58,673	\$5,767,045	\$11,135,113	\$7,859,355	\$24,761,513	\$422.03	\$6,176,371	\$11,929,011	\$7,735,325	\$25,840,707	\$440.42
Oct-16	58,843	\$4,590,242	\$11,564,935	\$7,964,451	\$24,119,628	\$409.90	\$4,902,513	\$12,296,821	\$7,845,386	\$25,044,719	\$425.62
Nov-16	58,834	\$5,212,875	\$11,612,035	\$8,447,491	\$25,272,400	\$429.55	\$5,544,114	\$12,333,997	\$8,306,279	\$26,184,391	\$445.06
Dec-16	58,349	\$5,535,788	\$11,822,352	\$8,291,195	\$25,649,335	\$439.58	\$5,875,583	\$12,569,872	\$8,148,370	\$26,593,825	\$455.77
Jan-17	59,709	\$5,505,776	\$11,057,318	\$8,086,055	\$24,649,149	\$412.82	\$5,728,314	\$11,525,876	\$8,064,399	\$25,318,589	\$424.03
Feb-17	59,577	\$4,112,372	\$10,495,208	\$7,177,806	\$21,785,385	\$365.67	\$4,272,541	\$10,936,692	\$7,122,674	\$22,331,907	\$374.84
Mar-17	59,382	\$5,125,416	\$12,020,916	\$8,254,675	\$25,401,006	\$427.76	\$5,327,400	\$12,520,281	\$8,173,479	\$26,021,160	\$438.20
Apr-17	59,297	\$4,243,662	\$10,513,027	\$7,462,780	\$22,219,469	\$374.71	\$4,405,790	\$10,952,523	\$7,393,366	\$22,751,679	\$383.69
May-17	59,362	\$5,150,118	\$12,220,191	\$8,432,085	\$25,802,394	\$434.66	\$5,340,393	\$12,729,424	\$8,341,026	\$26,410,844	\$444.91
Jun-17	59,379	\$5,817,140	\$11,363,336	\$8,145,897	\$25,326,373	\$426.52	\$6,050,994	\$11,838,222	\$8,046,381	\$25,935,598	\$436.78
Jul-17	59,380	\$6,337,273	\$10,516,360	\$7,534,441	\$24,388,073	\$410.71	\$6,545,033	\$10,903,966	\$7,418,210	\$24,867,209	\$418.78
Aug-17	59,336	\$4,849,738	\$11,014,636	\$8,154,737	\$24,019,111	\$404.80	\$5,011,734	\$11,421,371	\$8,008,412	\$24,441,517	\$411.92
Sep-17	58,768	\$4,239,362	\$11,065,699	\$7,671,371	\$22,976,432	\$390.97	\$4,361,834	\$11,469,246	\$7,541,401	\$23,372,481	\$397.71
Oct-17	58,735	\$6,181,001	\$12,260,301	\$8,737,106	\$27,178,408	\$462.73	\$6,333,178	\$12,482,703	\$8,575,299	\$27,391,180	\$466.35
Nov-17	58,865	\$5,122,180	\$11,923,411	\$8,630,445	\$25,676,036	\$436.19	\$5,239,903	\$12,143,828	\$8,470,986	\$25,854,716	\$439.22
Dec-17	58,792	\$6,462,233	\$11,577,205	\$8,182,997	\$26,222,435	\$446.02	\$6,599,119	\$11,779,955	\$8,031,257	\$26,410,331	\$449.22
Jan-18	56,813	\$5,817,801	\$12,705,144	\$8,468,580	\$26,991,525	\$475.09	\$5,839,706	\$12,738,147	\$8,501,872	\$27,079,725	\$476.65
Feb-18	56,466	\$5,093,015	\$11,480,970	\$7,844,359	\$24,418,344	\$432.44	\$5,106,385	\$11,506,836	\$7,870,378	\$24,483,598	\$433.60
Mar-18	56,313	\$4,568,237	\$12,350,121	\$8,197,581	\$25,115,938	\$446.01	\$4,573,171	\$12,371,416	\$8,215,263	\$25,159,850	\$446.79
Apr-18	56,488	\$5,707,549	\$11,435,883	\$8,139,553	\$25,282,985	\$447.58	\$5,711,826	\$11,447,617	\$8,151,952	\$25,311,395	\$448.08
May-18	56,688	\$5,960,212	\$12,165,973	\$8,640,732	\$26,766,917	\$472.18	\$5,968,781	\$12,172,017	\$8,647,029	\$26,787,827	\$472.55
Jun-18	56,666	\$4,822,335	\$11,267,500	\$7,946,873	\$24,036,708	\$424.18	\$4,822,335	\$11,267,500	\$7,946,873	\$24,036,708	\$424.18

			Monthly PMPM			Rolling 12 PMPM		Regressi	on on Adjusted PMPM - 36	5 Months	Regression on Adjusted PMPM - 24 Months		
Month	Membership	Facility	Professional	Total	Facility	Professional	Total	Facility	Professional	Total	Facility	Professional	Total
Jul-14	68,855	\$272.21	\$120.25	\$392.46				\$277.42	\$116.23	\$393.42	\$271.86	\$110.10	\$381.41
Aug-14	68,711	\$278.17	\$113.24	\$391.41				\$277.92	\$116.76	\$394.47	\$272.50	\$110.77	\$382.76
Sep-14	68,611	\$295.74	\$127.71	\$423.46				\$278.43	\$117.30	\$395.53	\$273.14	\$111.45	\$384.10
Oct-14	66,404	\$320.60	\$142.21	\$462.81				\$278.91	\$117.83	\$396.56	\$273.76	\$112.10	\$385.41
Nov-14	66,484	\$272.43	\$118.66	\$391.09				\$279.42	\$118.37	\$397.63	\$274.40	\$112.79	\$386.77
Dec-14	66,505	\$314.39	\$136.10	\$450.49				\$279.91	\$118.90	\$398.66	\$275.03	\$113.45	\$388.09
Jan-15	65,209	\$271.25	\$120.06	\$391.31				\$280.41	\$119.45	\$399.73	\$275.68	\$114.14	\$389.46
Feb-15	65,322	\$264.66	\$109.67	\$374.34				\$280.92	\$120.00	\$400.81	\$276.32	\$114.84	\$390.83
Mar-15	65,179	\$302.64	\$130.18	\$432.82				\$281.38	\$120.50	\$401.78	\$276.91	\$115.47	\$392.08
Apr-15	64,721	\$286.29	\$127.48	\$413.77				\$281.89	\$121.05	\$402.86	\$277.56	\$116.17	\$393.46
May-15	64,597	\$275.99	\$122.03	\$398.02				\$282.38	\$121.59	\$403.91	\$278.19	\$116.85	\$394.80
Jun-15	65,121	\$297.82	\$125.32	\$423.15	\$287.68	\$124.39	\$412.07	\$282.89	\$122.15	\$405.00	\$278.85	\$117.56	\$396.19
Jul-15	64,832	\$283.70	\$124.44	\$408.14	\$288.70	\$124.75	\$413.45	\$283.39	\$122.70	\$406.05	\$279.48	\$118.26	\$397.55
Aug-15	64,518	\$263.22	\$117.47	\$380.69	\$287.53	\$125.16	\$412.69	\$283.90	\$123.26	\$407.14	\$280.14	\$118.98	\$398.95
Sep-15	64,137	\$300.87	\$125.78	\$426.65	\$287.90	\$124.99	\$412.89	\$284.42	\$123.83	\$408.24	\$280.80	\$119.70	\$400.35
Oct-15	64,092	\$297.09	\$136.84	\$433.93	\$285.87	\$124.50	\$410.37	\$284.92	\$124.38	\$409.30	\$281.44	\$120.41	\$401.72
Nov-15	64,102	\$294.21	\$126.13	\$420.34	\$287.71	\$125.13	\$412.84	\$285.43	\$124.96	\$410.40	\$282.10	\$121.14	\$403.14
Dec-15	64,301	\$298.33	\$135.09	\$433.42	\$286.30	\$125.02	\$411.32	\$285.93	\$125.52	\$411.47	\$282.74	\$121.85	\$404.51
Jan-16	60,146	\$274.79	\$121.26	\$396.05	\$286.68	\$125.14	\$411.82	\$286.45	\$126.09	\$412.57	\$283.41	\$122.59	\$405.94
Feb-16	60,017	\$277.15	\$120.90	\$398.05	\$287.81	\$126.13	\$413.94	\$286.97	\$126.68	\$413.68	\$284.08	\$123.34	\$407.37
Mar-16	60,007	\$298.09	\$134.68	\$432.78	\$287.35	\$126.46	\$413.81	\$287.45	\$127.22	\$414.72	\$284.70	\$124.04	\$408.71
Apr-16	59,837	\$276.37	\$121.23	\$397.61	\$286.57	\$125.96	\$412.53	\$287.97	\$127.81	\$415.84	\$285.37	\$124.80	\$410.15
May-16	59,314	\$275.86	\$127.09	\$402.95	\$286.64	\$126.38	\$413.02	\$288.48	\$128.38	\$416.92	\$286.02	\$125.53	\$411.55
Jun-16	59,091	\$307.62	\$129.38	\$437.00	\$287.32	\$126.71	\$414.04	\$289.00	\$128.97	\$418.04	\$286.69	\$126.30	\$413.00
Jul-16	58,874	\$274.99	\$115.31	\$390.30	\$286.66	\$126.00	\$412.66	\$289.51	\$129.55	\$419.13	\$287.35	\$127.04	\$414.41
Aug-16	58,734	\$292.18	\$131.70	\$423.88	\$289.16	\$127.21	\$416.38	\$290.03	\$130.14	\$420.25	\$288.02	\$127.81	\$415.87
Sep-16	58,673	\$308.58	\$131.84	\$440.42	\$289.70	\$127.71	\$417.41	\$290.55	\$130.74	\$421.38	\$288.70	\$128.59	\$417.34
Oct-16 Nov-16	58,843	\$292.29 \$303.87	\$133.33	\$425.62	\$289.25	\$127.36	\$416.61	\$291.06 \$291.59	\$131.33	\$422.48	\$289.36 \$290.04	\$129.35	\$418.76
Dec-16	58,834		\$141.18	\$445.06	\$290.01	\$128.60	\$418.61		\$131.93	\$423.62		\$130.13	\$420.24
Jan-17	58,349 59,709	\$316.12 \$288.97	\$139.65 \$135.06	\$455.77 \$424.03	\$291.40 \$292.60	\$128.92 \$130.09	\$420.33 \$422.69	\$292.10 \$292.63	\$132.52 \$133.13	\$424.72 \$425.86	\$290.70 \$291.38	\$130.90 \$131.70	\$421.67 \$423.16
Feb-17	59,709	\$255.29	\$135.06	\$424.03 \$374.84	\$292.60	\$130.09 \$129.98	\$422.69	\$293.16	\$133.75	\$425.86	\$292.07	\$132.50	\$423.16
Mar-17	59,382	\$300.56	\$137.64	\$438.20	\$290.78	\$130.23	\$420.76 \$421.20	\$293.64	\$134.30	\$428.04	\$292.69	\$133.23	\$426.00
Apr-17	59,297	\$300.30 \$259.01	\$124.68	\$383.69	\$290.98	\$130.52	\$421.20 \$420.06	\$294.17	\$134.92	\$429.19	\$293.38	\$134.04	\$427.50
May-17	59,362	\$304.40	\$140.51	\$444.91	\$291.93	\$131.64	\$423.57	\$294.69	\$135.53	\$430.31	\$294.04	\$134.83	\$428.96
Jun-17	59,379	\$301.27	\$135.51	\$436.78	\$291.40	\$132.16	\$423.56	\$295.22	\$136.15	\$431.46	\$294.74	\$135.65	\$430.47
Jul-17	59,380	\$293.85	\$124.93	\$418.78	\$292.97	\$132.95	\$425.92	\$295.74	\$136.76	\$432.59	\$295.41	\$136.45	\$431.94
Aug-17	59,336	\$276.95	\$134.97	\$410.78 \$411.92	\$291.70	\$133.22	\$423.92	\$296.27	\$137.39	\$433.75	\$296.10	\$137.28	\$433.47
Sep-17	58,768	\$269.38	\$128.32	\$397.71	\$288.45	\$132.93	\$424.92	\$296.81	\$138.02	\$434.92	\$296.80	\$138.11	\$434.99
Oct-17	58,735	\$320.35	\$146.00	\$466.35	\$290.77	\$133.98	\$424.75	\$297.33	\$138.64	\$436.05	\$297.47	\$138.93	\$436.48
Nov-17	58,865	\$295.32	\$143.91	\$439.22	\$290.07	\$134.20	\$424.27	\$297.87	\$139.28	\$437.22	\$298.17	\$139.77	\$438.02
Dec-17	58,792	\$312.61	\$136.60	\$449.22	\$289.79	\$133.96	\$423.75	\$298.39	\$139.90	\$438.36	\$298.85	\$140.59	\$439.51
Jan-18	56,813	\$327.00	\$149.65	\$476.65	\$292.85	\$135.12	\$427.97	\$298.93	\$140.54	\$439.54	\$299.56	\$141.45	\$441.06
Feb-18	56,466	\$294.22	\$139.38	\$433.60	\$296.13	\$136.78	\$432.91	\$299.47	\$141.19	\$440.72	\$300.26	\$142.31	\$442.62
Mar-18	56,313	\$300.90	\$145.89	\$446.79	\$296.14	\$137.44	\$433.58	\$299.96	\$141.78	\$441.79	\$300.90	\$143.09	\$444.02
Apr-18	56,488	\$303.77	\$144.31	\$448.08	\$299.91	\$139.08	\$438.99	\$300.50	\$142.43	\$442.97	\$301.61	\$143.96	\$445.59
May-18	56,688	\$320.01	\$152.54	\$472.55	\$301.16	\$140.05	\$441.21	\$301.03	\$143.07	\$444.13	\$302.29	\$144.81	\$447.11
Jun-18	56,666	\$283.94	\$140.24	\$424.18	\$299.75	\$140.46	\$440.20	\$301.57	\$143.73	\$445.32	\$303.00	\$145.69	\$448.69
	L		*		+5	*	,						
		Annual Trend			2.9%	6.3%	3.9%	2.2%	5.6%	3.2%	2.8%	7.4%	4.2%

Regressions	1.000	24.189	1.000	0.234	1.000	10.518	1.000	11.420	1.000	0.031	1.000	3.308
	0.000	1.308	0.000	1.205	0.000	1.217	0.000	2.648	0.000	2.307	0.000	2.433
	0.097	0.058	0.449	0.054	0.214	0.054	0.064	0.064	0.376	0.055	0.154	0.058
	3.633	34.000	27.677	34.000	9.237	34.000	1.509	22.000	13.254	22.000	4.006	22.000

BLUE CROSS AND BLUE SHIELD OF VERMONT and THE VERMONT HEALTH PLAN Q3 2019 LARGE GROUP RATING PROGRAM FILING

			Adjusted Claims -		Holt-Winters' N	Aultiplicative	Utilization Tre Multipli		on - 48 Month T Holt-Winter		Addit	ive	Damped Trend	Non-Seasonal	Smoot	thing
http: DVDA DVDA <thdvda< th=""> DVDA DVDA <th< th=""><th>Month</th><th>Membership</th><th>Normalized for</th><th></th><th></th><th>Rolling 12</th><th></th><th>Rolling 12</th><th></th><th>Rolling 12</th><th></th><th>Rolling 12</th><th>1</th><th>Rolling 12</th><th></th><th>Rolling 12</th></th<></thdvda<>	Month	Membership	Normalized for			Rolling 12		Rolling 12		Rolling 12		Rolling 12	1	Rolling 12		Rolling 12
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ms <td>Sep-15</td> <td>64137</td> <td>\$27,364,099</td> <td></td> <td>\$426.65</td> <td></td> <td>\$426.65</td> <td></td> <td>\$426.65</td> <td></td> <td>\$426.65</td> <td></td> <td>\$426.65</td> <td></td> <td></td> <td>\$412.89</td>	Sep-15	64137	\$27,364,099		\$426.65		\$426.65		\$426.65		\$426.65		\$426.65			\$412.89
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NumberSile	Sep-16	58673	\$25,840,707	\$440.42	\$440.42	\$417.41	\$440.42	\$417.41	\$440.42	\$417.41	\$440.42	\$417.41	\$440.42	\$417.41	\$440.42	\$417.41
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Jan-20 56666 S504.68 S476.55 S504.09 S476.19 S502.49 S476.42 S501.91 S476.05 S460.85 S458.18 S467.93 Feb-20 56666 S464.49 S478.33 S463.90 S478.21 S467.66 S478.11 S467.03 S478.21 S461.15 S458.74 S469.91 Amr-20 56666 S503.94 S480.87 S503.26 S480.43 S502.64 S480.80 S501.96 S480.36 S461.22 S459.25 S470.42 Amr-20 56666 S482.06 S481.37 S482.53 S483.66 S481.31 S482.53 S483.66 S481.33 S492.49 S487.36 S491.66 S461.87 S460.12 S472.01 Jun-20 56666 S512.79 S485.26 S512.00 S484.74 S510.76 S487.38 S491.66 S486.81 S462.06 S461.12 S472.19 Jun-20 56666 S483.29 S491.62 S482.55 S492.49 S487.38 S491.66 S482.36 S462.26 S460.82 S474.15 Jul-20 56666 S483.29 S491.62 S482.55 S490.49 S485.35 S491.10 S462.44 S461.12 S476.63 Sep-20 56666																\$458.62
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Aug-20 56666 \$483.29 \$491.62 \$482.35 \$490.96 \$486.34 \$491.77 \$485.35 \$491.10 \$462.40 \$461.12 \$476.63 \$ep-20 56666 \$492.42 \$493.75 \$491.40 \$493.04 \$493.96 \$493.65 \$493.24 \$462.40 \$461.12 \$476.63 \$ep-20 56666 \$593.70 \$496.07 \$536.34 \$495.50 \$531.30 \$496.61 \$531.70 \$462.40 \$461.12 \$477.83 Nov-20 56666 \$537.50 \$496.07 \$536.34 \$495.50 \$531.30 \$496.61 \$531.52 \$495.35 \$491.77 \$485.35 \$493.56 \$493.24 \$462.64 \$477.18 Nov-20 56666 \$531.64 \$498.29 \$515.31 \$497.76 \$513.45 \$498.35 \$514.16 \$497.51 \$462.78 \$461.85 \$480.36 Dec-20 56666 \$533.741 \$500.59 \$536.33 \$499.70 \$533.64 \$500.54 \$500.54 \$499.36 \$499.64 \$462.88																\$468.56
Sep-20 56666 S492.42 S493.75 S491.40 S493.44 S493.76 S493.65 S493.24 S462.54 S461.39 S477.88 Oct-20 56666 S537.50 S496.07 S538.34 S495.30 S494.71 S493.96 S493.65 S493.24 S462.54 S461.39 S477.88 Oxt-20 56666 S537.50 S496.07 S513.51 S497.46 S513.51 S491.40 S493.74 S493.76 S462.66 S461.63 S479.12 Nov-20 56666 S517.51 S517.51 S497.46 S515.34 S498.76 S513.45 S498.76 S462.78 S462.78 S461.85 S461.85 S461.85 S461.85 S461.85 S462.78 S462.04 S481.60 Dec-20 56666 S517.51 S507.59 S536.33 S499.70 S533.64 S500.54 S499.86 S499.64 S462.84 S462.04 S481.60 Utilization Trend 5.21% 5.21% 5.21% S.21% S.21% S.21% S.21% <																\$469.80
Oct-20 56666 \$537.50 \$496.07 \$536.34 \$495.30 \$533.03 \$496.15 \$531.92 \$495.37 \$462.66 \$461.63 \$479.12 Nov-20 56666 \$516.49 \$498.29 \$515.31 \$497.46 \$515.34 \$498.35 \$514.16 \$497.51 \$462.66 \$461.85 \$480.36 Dec-20 56666 \$537.61 \$500.59 \$536.33 \$499.70 \$533.64 \$500.54 \$532.40 \$499.46 \$462.88 \$462.04 \$481.60 Utilization Trend 5.29% 5.21% 5.28% 5.28% 5.21% 1.96%																\$471.04
Dec-20 56666 \$537.61 \$500.59 \$536.33 \$499.70 \$533.64 \$500.54 \$532.40 \$499.64 \$462.88 \$462.04 \$481.60 Utilization Trend 5.29% 5.21% 5.28% 5.21% 1.96%					\$537.50	\$496.07			\$533.03	\$496.15			\$462.66	\$461.63	\$479.12	\$472.28
Utilization Trend 5.29% 5.21% 5.28% 5.21% 1.96%																\$473.53
	Dec-20	56666			\$537.61	\$500.59	\$536.33	\$499.70	\$533.64	\$500.54	\$532.40	\$499.64	\$462.88	\$462.04	\$481.60	\$474.77
			Hellingeles Toront			E 20%		E 240/		E 20%		E 24%		1.04%		3 00%
				are error)												3.08% 25.1
						27.23		27.24		27.1		27.11		23.71		23.1

Utilization Trend Calculation - 36 Month Time Series Adjusted Claims - Holt-Winters' Multiplicative Multiplicative Holt-Winters' Additive Damped Trend Non-Seasonal Smoothing															
Month	Membership	Normalized for	Adjusted PMPM	Holt-Winters' M	Rolling 12	Multipli Monthly PMPM	Rolling 12	Holt-Winter	Rolling 12	Addi Monthly PMPM	Rolling 12	Damped Trend Monthly PMPM	Rolling 12	Monthly PMPM	Rolling 12
Jul-15	64832	Contract Changes \$26,460,576	\$408.14	\$408.14	PMPM	\$408.14	PMPM	\$408.14	PMPM	\$408.14	PMPM	\$408.14	PMPM	\$408.14	PMPM
Aug-15	64518	\$24,561,629	\$380.69	\$380.69		\$380.69		\$380.69		\$380.69		\$380.69		\$380.69	
Sep-15	64137	\$27,364,099	\$426.65	\$426.65		\$426.65		\$426.65		\$426.65		\$426.65		\$426.65	
Oct-15	64092	\$27,811,443	\$433.93	\$433.93		\$433.93		\$433.93		\$433.93		\$433.93		\$433.93	
Nov-15	64102	\$26,944,802	\$420.34	\$420.34		\$420.34		\$420.34		\$420.34		\$420.34		\$420.34	
Dec-15	64301	\$27,869,059	\$433.42	\$433.42		\$433.42		\$433.42		\$433.42		\$433.42		\$433.42	
Jan-16	60146	\$23,820,960	\$396.05	\$396.05		\$396.05		\$396.05		\$396.05		\$396.05		\$396.05	
Feb-16	60017	\$23,889,719	\$398.05	\$398.05		\$398.05		\$398.05		\$398.05		\$398.05		\$398.05	
Mar-16	60007	\$25,969,588	\$432.78	\$432.78		\$432.78		\$432.78		\$432.78		\$432.78		\$432.78	
Apr-16	59837	\$23,791,644	\$397.61	\$397.61		\$397.61		\$397.61		\$397.61		\$397.61		\$397.61	
May-16	59314	\$23,900,588	\$402.95	\$402.95		\$402.95		\$402.95		\$402.95		\$402.95		\$402.95	
Jun-16	59091 58874	\$25,822,476	\$437.00	\$437.00	\$414.04	\$437.00	\$414.04	\$437.00	\$414.04	\$437.00	\$414.04	\$437.00	\$414.04	\$437.00	\$414.04
Jul-16	58874	\$22,978,271 \$24,896,354	\$390.30 \$423.88	\$390.30 \$423.88	\$412.66	\$390.30	\$412.66	\$390.30	\$412.66	\$390.30	\$412.66	\$390.30	\$412.66	\$390.30 \$423.88	\$412.66
Aug-16 Sep-16	58673	\$25,840,707	\$440.42	\$440.42	\$416.38 \$417.41	\$423.88 \$440.42	\$416.38 \$417.41	\$423.88 \$440.42	\$416.38 \$417.41	\$423.88 \$440.42	\$416.38 \$417.41	\$423.88 \$440.42	\$416.38 \$417.41	\$440.42	\$416.38 \$417.41
Oct-16	58843	\$25,044,719	\$425.62	\$425.62	\$416.61	\$425.62	\$416.61	\$425.62	\$416.61	\$425.62	\$416.61	\$425.62	\$416.61	\$425.62	\$416.61
Nov-16	58834	\$26,184,391	\$445.06	\$445.06	\$418.61	\$445.06	\$418.61	\$445.06	\$418.61	\$445.06	\$418.61	\$445.06	\$418.61	\$445.06	\$418.61
Dec-16	58349	\$26,593,825	\$455.77	\$455.77	\$420.33	\$455.77	\$420.33	\$455.77	\$420.33	\$455.77	\$420.33	\$455.77	\$420.33	\$455.77	\$420.33
Jan-17	59709	\$25,318,589	\$424.03	\$424.03	\$422.69	\$424.03	\$422.69	\$424.03	\$422.69	\$424.03	\$422.69	\$424.03	\$422.69	\$424.03	\$422.69
Feb-17	59577	\$22,331,907	\$374.84	\$374.84	\$420.76	\$374.84	\$420.76	\$374.84	\$420.76	\$374.84	\$420.76	\$374.84	\$420.76	\$374.84	\$420.76
Mar-17	59382	\$26,021,160	\$438.20	\$438.20	\$421.20	\$438.20	\$421.20	\$438.20	\$421.20	\$438.20	\$421.20	\$438.20	\$421.20	\$438.20	\$421.20
Apr-17	59297	\$22,751,679	\$383.69	\$383.69	\$420.06	\$383.69	\$420.06	\$383.69	\$420.06	\$383.69	\$420.06	\$383.69	\$420.06	\$383.69	\$420.06
May-17	59362	\$26,410,844	\$444.91	\$444.91	\$423.57	\$444.91	\$423.57	\$444.91	\$423.57	\$444.91	\$423.57	\$444.91	\$423.57	\$444.91	\$423.57
Jun-17 Jul-17	59379 59380	\$25,935,598	\$436.78 \$418.78	\$436.78 \$418.78	\$423.56 \$425.92	\$436.78 \$418.78	\$423.56 \$425.92	\$436.78 \$418.78	\$423.56 \$425.92	\$436.78 \$418.78	\$423.56 \$425.92	\$436.78 \$418.78	\$423.56 \$425.92	\$436.78 \$418.78	\$423.56 \$425.92
Jul-17 Aug-17	59380	\$24,867,209 \$24,441,517	\$418.78 \$411.92	\$418.78 \$411.92	\$425.92 \$424.92	\$418.78	\$425.92 \$424.92	\$418.78	\$425.92 \$424.92	\$418.78	\$425.92 \$424.92	\$418.78	\$425.92 \$424.92	\$418.78	\$425.92 \$424.92
Sep-17	58768	\$23,372,481	\$411.92 \$397.71	\$411.92 \$397.71	\$424.92 \$421.38	\$411.92 \$397.71	\$424.92 \$421.38	\$411.92 \$397.71	\$424.92 \$421.38	\$411.92 \$397.71	\$424.92 \$421.38	\$411.92 \$397.71	\$424.92 \$421.38	\$411.92 \$397.71	\$424.92 \$421.38
Oct-17	58735	\$27,391,180	\$466.35	\$466.35	\$424.75	\$466.35	\$424.75	\$466.35	\$424.75	\$466.35	\$424.75	\$466.35	\$424.75	\$466.35	\$424.75
Nov-17	58865	\$25,854,716	\$439.22	\$439.22	\$424.27	\$439.22	\$424.27	\$439.22	\$424.27	\$439.22	\$424.27	\$439.22	\$424.27	\$439.22	\$424.27
Dec-17	58792	\$26,410,331	\$449.22	\$449.22	\$423.75	\$449.22	\$423.75	\$449.22	\$423.75	\$449.22	\$423.75	\$449.22	\$423.75	\$449.22	\$423.75
Jan-18	56813	\$27,079,725	\$476.65	\$476.65	\$427.97	\$476.65	\$427.97	\$476.65	\$427.97	\$476.65	\$427.97	\$476.65	\$427.97	\$476.65	\$427.97
Feb-18	56466	\$24,483,598	\$433.60	\$433.60	\$432.91	\$433.60	\$432.91	\$433.60	\$432.91	\$433.60	\$432.91	\$433.60	\$432.91	\$433.60	\$432.91
Mar-18	56313	\$25,159,850	\$446.79	\$446.79	\$433.58	\$446.79	\$433.58	\$446.79	\$433.58	\$446.79	\$433.58	\$446.79	\$433.58	\$446.79	\$433.58
Apr-18	56488	\$25,311,395	\$448.08	\$448.08	\$438.99	\$448.08	\$438.99	\$448.08	\$438.99	\$448.08	\$438.99	\$448.08	\$438.99	\$448.08	\$438.99
May-18	56688	\$26,787,827	\$472.55	\$472.55	\$441.21	\$472.55	\$441.21	\$472.55	\$441.21	\$472.55	\$441.21	\$472.55	\$441.21	\$472.55	\$441.21
Jun-18	56666	\$24,036,708	\$424.18	\$424.18	\$440.20	\$424.18	\$440.20	\$424.18	\$440.20	\$424.18	\$440.20	\$424.18	\$440.20	\$424.18	\$440.20
Jul-18	56666 56666			\$435.41 \$429.48	\$441.65 \$443.21	\$435.33 \$429.38	\$441.64 \$443.20	\$436.33 \$430.01	\$441.73 \$443.33	\$436.25 \$429.90	\$441.72 \$443.32	\$448.29 \$450.42	\$442.71 \$446.00	\$448.44 \$450.57	\$442.72 \$446.02
Aug-18 Sep-18	56666			\$453.32	\$443.21 \$447.95	\$453.22	\$443.20 \$447.92	\$453.73	\$443.33 \$448.10	\$453.63	\$443.32 \$448.08	\$450.42	\$446.00 \$450.68	\$450.57 \$452.71	\$446.02 \$450.72
Oct-18	56666			\$479.26	\$447.95 \$448.96	\$455.22 \$479.13	\$447.92 \$448.93	\$453.75	\$448.10 \$448.93	\$476.93	\$448.08 \$448.90	\$452.55 \$454.67	\$430.66 \$449.66	\$454.85	\$430.72 \$449.72
Nov-18	56666			\$469.86	\$451.54	\$469.72	\$451.49	\$468.39	\$451.39	\$468.25	\$451.34	\$456.79	\$451.16	\$456.98	\$451.23
Dec-18	56666			\$484.54	\$454.49	\$484.38	\$454.43	\$482.05	\$454.13	\$481.89	\$454.07	\$458.91	\$451.97	\$459.12	\$452.06
Jan-19	56666			\$469.19	\$453.87	\$468.99	\$453.79	\$467.12	\$453.34	\$466.92	\$453.26	\$461.02	\$450.66	\$461.25	\$450.77
Feb-19	56666			\$444.69	\$454.79	\$444.50	\$454.69	\$446.25	\$454.38	\$446.05	\$454.29	\$463.14	\$453.12	\$463.39	\$453.25
Mar-19	56666			\$483.94	\$457.88	\$483.70	\$457.77	\$482.14	\$457.33	\$481.92	\$457.22	\$465.25	\$454.66	\$465.53	\$454.81
Apr-19	56666			\$454.51	\$458.41	\$454.25	\$458.28	\$455.48	\$457.94	\$455.22	\$457.81	\$467.36	\$456.26	\$467.66	\$456.44
May-19	56666			\$481.82	\$459.18	\$481.51	\$459.02	\$479.65	\$458.53	\$479.35	\$458.37	\$469.47	\$456.00	\$469.80	\$456.21
Jun-19 Jul-19	56666 56666			\$481.98	\$464.00	\$481.66	\$463.81	\$481.32	\$463.29	\$481.02	\$463.11	\$471.58	\$459.95	\$471.93	\$460.19
	56666			\$464.84 \$458.35	\$466.45 \$468.86	\$464.46 \$457.93	\$466.24 \$468.62	\$466.08 \$459.76	\$465.77 \$468.25	\$465.71 \$459.33	\$465.57 \$468.02	\$473.68 \$475.78	\$462.07 \$464.18	\$474.07 \$476.21	\$462.32 \$464.46
Aug-19 Sep-19	56666 56666			\$458.35 \$483.61	\$468.86 \$471.38	\$457.93 \$483.16	\$468.62 \$471.12	\$459.76 \$483.48	\$468.25 \$470.73	\$459.33 \$483.03	\$468.02 \$470.47	\$4/5./8 \$477.88	\$464.18 \$466.29	\$476.21 \$478.34	\$464.46 \$466.59
Sep-19 Oct-19	56666			\$483.61 \$511.11	\$471.38 \$474.04	\$483.16 \$510.56	\$471.12 \$473.74	\$483.48 \$506.81	\$470.73 \$473.21	\$483.03 \$506.30	\$470.47 \$472.92	\$477.88 \$479.98	\$466.29 \$468.40	\$478.34 \$480.48	\$466.59 \$468.73
Nov-19	56666			\$500.92	\$474.04 \$476.63	\$510.56	\$473.74 \$476.29	\$498.14	\$473.21 \$475.69	\$497.59	\$472.92 \$475.36	\$479.98 \$482.08	\$468.40 \$470.51	\$480.48 \$482.61	\$468.73 \$470.87
Dec-19	56666			\$516.39	\$479.28	\$500.34	\$478.90 \$478.90	\$511.80	\$475.69 \$478.17	\$511.20	\$475.36 \$477.80	\$484.17	\$470.51 \$472.62	\$482.61 \$484.75	\$470.87 \$473.00
Jan-20	56666			\$516.39 \$499.87	\$479.28 \$481.84	\$515.75 \$499.18	\$478.90 \$481.42	\$496.87	\$478.17 \$480.65	\$511.20 \$496.20	\$477.80 \$480.24	\$484.17 \$486.26	\$472.62 \$474.72	\$484.75 \$486.89	\$473.00 \$475.14
Feb-20	56666			\$499.87 \$473.61	\$481.84 \$484.25	\$499.18 \$472.92	\$481.42 \$483.79	\$496.87 \$476.01	\$480.65 \$483.13	\$496.20 \$475.30	\$480.24 \$482.68	\$486.26 \$488.35	\$474.72 \$476.82	\$486.89 \$489.02	\$475.14 \$477.27
Mar-20	56666				+		\$483.79 \$486.35				\$482.68 \$485.12		\$476.82 \$478.92		*
Apr-20	56666			\$515.23 \$483.75	\$486.85 \$489.29	\$514.44 \$482.94	\$486.35 \$488.74	\$511.89 \$485.23	\$485.61 \$488.09	\$511.14 \$484.41	\$485.12 \$487.55	\$490.44 \$492.52	\$478.92 \$481.02	\$491.16 \$493.29	\$479.41 \$481.55
May-20	56666			\$483.75 \$512.65	\$489.29 \$491.86	\$482.94 \$511.72	\$488.74 \$491.26	\$485.23 \$509.40	\$488.09 \$490.57	\$484.41 \$508.51	\$487.55 \$489.98	\$492.52 \$494.61	\$481.02 \$483.11	\$493.29 \$495.43	\$481.55 \$483.68
Jun-20	56666			\$512.65	\$491.00	\$511.72	\$491.26	\$511.07	\$490.57 \$493.05	\$508.51	\$469.96 \$492.41	\$496.69	\$485.20	\$495.43	\$463.66 \$485.82
	56666				\$494.42 \$496.87	\$493.25		\$495.83		\$510.15 \$494.81	\$492.41 \$494.83	\$496.69 \$498.77	\$485.20 \$487.29	\$497.57 \$499.70	\$485.82 \$487.95
Jul-20 Aug-20	56666 56666			\$494.26 \$487.21	\$496.87 \$499.27	\$493.25 \$486.13	\$496.16 \$498.51	\$495.83 \$489.51	\$495.52 \$498.00	\$494.81 \$488.40	\$494.83 \$497.25	\$498.77 \$500.84	\$487.29 \$489.38	\$499.70 \$501.84	\$487.95 \$490.09
Sep-20 Oct-20	56666 56666			\$513.91 \$542.96	\$501.80 \$504.45	\$512.73 \$541.63	\$500.97 \$503.56	\$513.23	\$500.48 \$502.96	\$512.08	\$499.67 \$502.09	\$502.92 \$504.99	\$491.47 \$493.55	\$503.97 \$506.11	\$492.23 \$494.36
				\$542.96 \$531.97				\$536.56		\$535.32					
Nov-20 Dec-20	Nov-20 56666 Dec-20 56666				\$507.04	\$530.59	\$506.08	\$527.90	\$505.44	\$526.58	\$504.51	\$507.06	\$495.64	\$508.25	\$496.50
Dec-20	00000			\$548.24	\$509.69	\$546.75	\$508.67	\$541.55	\$507.92	\$540.16	\$506.92	\$509.13	\$497.72	\$510.38	\$498.63
		Utilization Trend			6.05%		5.96%		5.90%		5.82%		5.04%		5.12%
		RMSE (root mean squ	are error)		26.98		26.99		26.74		26.75		23.27		23.26
					0		/								

MEDICAL UTILIZATION TREND CALCULATION

Utilization Trend Calculation - 24 Month Time Series															
		Adjusted Claims -		Holt-Winters' M	Aultiplicative	Multipli		Holt-Winter		Addit	ive	Damped Trend	Non-Seasonal	Smoot	hing
Month	Membership	Normalized for Contract Changes	Adjusted PMPM	Monthly PMPM	Rolling 12 PMPM										
Jul-16	58874	\$22,978,271	\$390.30	\$390.30		\$390.30		\$390.30		\$390.30		\$390.30		\$390.30	
Aug-16	58734	\$24,896,354	\$423.88	\$423.88		\$423.88		\$423.88		\$423.88		\$423.88		\$423.88	
Sep-16	58673	\$25,840,707	\$440.42	\$440.42		\$440.42		\$440.42		\$440.42		\$440.42		\$440.42	
Oct-16	58843	\$25,044,719	\$425.62	\$425.62		\$425.62		\$425.62		\$425.62		\$425.62		\$425.62	
Nov-16	58834	\$26,184,391	\$445.06	\$445.06		\$445.06		\$445.06		\$445.06		\$445.06		\$445.06	
Dec-16	58349	\$26,593,825	\$455.77	\$455.77		\$455.77		\$455.77		\$455.77		\$455.77		\$455.77	
Jan-17	59709	\$25,318,589	\$424.03	\$424.03		\$424.03		\$424.03		\$424.03		\$424.03		\$424.03	
Feb-17	59577	\$22,331,907	\$374.84	\$374.84		\$374.84		\$374.84		\$374.84		\$374.84		\$374.84	
Mar-17	59382	\$26,021,160	\$438.20	\$438.20		\$438.20		\$438.20		\$438.20		\$438.20		\$438.20	
Apr-17	59297	\$22,751,679	\$383.69	\$383.69		\$383.69		\$383.69		\$383.69		\$383.69		\$383.69	
May-17	59362	\$26,410,844	\$444.91	\$444.91		\$444.91		\$444.91		\$444.91		\$444.91		\$444.91	
Jun-17	59379	\$25,935,598	\$436.78	\$436.78	\$423.56	\$436.78	\$423.56	\$436.78	\$423.56	\$436.78	\$423.56	\$436.78	\$423.79	\$436.78	\$423.79
Jul-17	59380	\$24,867,209	\$418.78	\$418.78	\$425.92	\$418.78	\$425.92	\$418.78	\$425.92	\$418.78	\$425.92	\$418.78	\$426.33	\$418.78	\$426.33
Aug-17	59336	\$24,441,517	\$411.92	\$411.92	\$424.92	\$411.92	\$424.92	\$411.92	\$424.92	\$411.92	\$424.92	\$411.92	\$425.39	\$411.92	\$425.39
Sep-17	58768	\$23,372,481	\$397.71	\$397.71	\$421.38	\$397.71	\$421.38	\$397.71	\$421.38	\$397.71	\$421.38	\$397.71	\$421.83	\$397.71	\$421.83
Oct-17 Nov-17	58735 58865	\$27,391,180	\$466.35	\$466.35	\$424.75	\$466.35	\$424.75	\$466.35	\$424.75	\$466.35	\$424.75	\$466.35	\$425.13	\$466.35	\$425.13
Nov-17 Dec-17	58865	\$25,854,716 \$26,410,331	\$439.22 \$449.22	\$439.22 \$449.22	\$424.27 \$423.75	\$439.22 \$449.22	\$424.27 \$423.75	\$439.22 \$449.22	\$424.27 \$423.75	\$439.22 \$449.22	\$424.27 \$423.75	\$439.22 \$449.22	\$424.50 \$423.70	\$439.22 \$449.22	\$424.50 \$423.70
Jan-18	56813	\$27,079,725	\$449.22 \$476.65	\$476.65	\$423.75 \$427.97	\$476.65	\$423.75	\$476.65	\$423.73 \$427.97	\$476.65	\$423.75 \$427.97	\$476.65	\$423.70 \$428.12	\$476.65	\$423.70
Feb-18	56466	\$24,483,598	\$476.65	\$433.60	\$432.91	\$433.60	\$432.91	\$433.60	\$432.91	\$433.60	\$432.91	\$476.65 \$433.60	\$428.12 \$433.09	\$433.60	\$433.09
Mar-18	56313	\$25,159,850	\$433.60 \$446.79	\$446.79	\$432.91	\$433.60 \$446.79	\$432.91	\$446.79	\$432.91	\$446.79	\$432.91	\$446.79	\$433.09 \$433.80	\$446.79	\$433.09 \$433.80
Apr-18	56488	\$25,311,395	\$448.08	\$448.08	\$433.38 \$438.99	\$448.08	\$438.99	\$448.08	\$438.99	\$448.08	\$438.99	\$448.08	\$439.23	\$448.08	\$439.23
May-18	56688	\$26,787,827	\$472.55	\$472.55	\$441.21	\$472.55	\$441.21	\$472.55	\$441.21	\$472.55	\$441.21	\$472.55	\$441.54	\$472.55	\$441.54
Jun-18	56666	\$24,036,708	\$424.18	\$424.18	\$440.20	\$424.18	\$440.20	\$424.18	\$440.20	\$424.18	\$440.20	\$424.18	\$440.49	\$424.18	\$440.49
Jul-18	56666		<i>Q</i> 12 11 10	\$429.67	\$441.18	\$417.85	\$440.21	\$431.77	\$441.35	\$434.56	\$441.58	\$445.51	\$442.71	\$452.68	\$443.31
Aug-18	56666			\$427.11	\$442.54	\$435.39	\$442.25	\$427.24	\$442.73	\$427.92	\$443.01	\$445.25	\$445.47	\$454.46	\$446.84
Sep-18	56666			\$419.07	\$444.45	\$440.75	\$445.95	\$419.41	\$444.66	\$418.15	\$444.84	\$445.20	\$449.39	\$456.24	\$451.67
Oct-18	56666			\$479.67	\$445.48	\$460.22	\$445.38	\$481.54	\$445.85	\$483.99	\$446.24	\$445.19	\$447.64	\$458.02	\$450.98
Nov-18	56666			\$455.74	\$446.88	\$460.39	\$447.16	\$455.57	\$447.23	\$456.61	\$447.71	\$445.19	\$448.13	\$459.80	\$452.69
Dec-18	56666			\$467.00	\$448.35	\$471.44	\$449.00	\$466.63	\$448.68	\$467.21	\$449.20	\$445.19	\$447.80	\$461.58	\$453.71
Jan-19	56666			\$484.89	\$449.04	\$461.91	\$447.77	\$486.50	\$449.50	\$489.68	\$450.28	\$445.19	\$445.16	\$463.36	\$452.55
Feb-19	56666			\$433.79	\$449.05	\$410.93	\$445.87	\$436.13	\$449.70	\$439.79	\$450.80	\$445.19	\$446.14	\$465.14	\$455.16
Mar-19	56666			\$451.19	\$449.41	\$454.41	\$446.51	\$450.23	\$449.99	\$451.08	\$451.15	\$445.19	\$446.00	\$466.92	\$456.81
Apr-19	56666			\$442.18	\$448.92	\$419.39	\$444.12	\$444.27	\$449.67	\$446.77	\$451.04	\$445.19	\$445.76	\$468.70	\$458.51
May-19	56666			\$468.37	\$448.57	\$465.87	\$443.56	\$467.83	\$449.28	\$468.63	\$450.71	\$445.19	\$443.43	\$470.48	\$458.29
Jun-19	56666			\$426.38	\$448.76	\$441.74	\$445.02	\$424.42	\$449.30	\$422.78	\$450.60	\$445.19	\$445.22	\$472.26	\$462.35
Jul-19	56666			\$429.86	\$448.77	\$417.51	\$445.00	\$431.97	\$449.31	\$434.03	\$450.55	\$445.19	\$445.20	\$474.03	\$464.14
Aug-19	56666			\$427.30	\$448.79	\$435.26	\$444.99	\$427.44	\$449.33	\$427.73	\$450.54	\$445.19	\$445.19	\$475.81	\$465.94
Sep-19	56666			\$419.26	\$448.80	\$440.70	\$444.98	\$419.61	\$449.35	\$418.08	\$450.53	\$445.19	\$445.19	\$477.59	\$467.73
Oct-19	56666			\$479.88	\$448.82	\$460.20	\$444.98	\$481.75	\$449.36	\$483.96	\$450.53	\$445.19	\$445.19	\$479.37	\$469.53
Nov-19	56666			\$455.94	\$448.84	\$460.38	\$444.98	\$455.78	\$449.38	\$456.60	\$450.53	\$445.19	\$445.19	\$481.15	\$471.34
Dec-19 Jan-20	56666 56666			\$467.21 \$485.11	\$448.85 \$448.87	\$471.43 \$461.91	\$444.98 \$444.98	\$466.83 \$486.70	\$449.40 \$449.41	\$467.21 \$489.68	\$450.53 \$450.53	\$445.19 \$445.19	\$445.19 \$445.19	\$482.93 \$484.71	\$473.15 \$474.93
Feb-20	56666			\$485.11 \$433.99	\$448.87 \$448.89	\$461.91 \$410.93	\$444.98 \$444.98	\$486.70 \$436.33	\$449.41 \$449.43	\$489.68 \$439.79	\$450.53 \$450.53	\$445.19 \$445.19	\$445.19 \$445.19	\$484.71 \$486.49	\$474.93 \$476.71
Mar-20	56666			\$451.39	\$448.91	\$454.41	\$444.98	\$450.43	\$449.45	\$451.08	\$450.53	\$445.19	\$445.19 \$445.19	\$488.27	\$478.48
Apr-20	56666			\$442.38	\$448.91 \$448.92	\$419.39	\$444.98	\$444.48	\$449.45 \$449.46	\$446.77	\$450.53	\$445.19	\$445.19 \$445.19	\$490.05	\$480.26
May-20	56666			\$468.58	\$448.94	\$465.87	\$444.98	\$468.03	\$449.48	\$468.63	\$450.53	\$445.19	\$445.19	\$491.83	\$482.04
Jun-20	56666			\$426.57	\$448.96	\$441.74	\$444.98	\$424.62	\$449.50	\$422.78	\$450.53	\$445.19	\$445.19	\$493.61	\$483.82
Jul-20	56666			\$430.05	\$448.97	\$417.51	\$444.98	\$432.18	\$449.52	\$434.03	\$450.53	\$445.19	\$445.19	\$495.39	\$485.60
Aug-20	56666			\$427.49	\$448.99	\$435.26	\$444.98	\$427.65	\$449.53	\$427.73	\$450.53	\$445.19	\$445.19	\$497.17	\$487.38
Sep-20	56666			\$419.45	\$449.00	\$440.70	\$444.98	\$419.81	\$449.55	\$418.08	\$450.53	\$445.19	\$445.19	\$498.95	\$489.16
Oct-20	56666			\$480.10	\$449.02	\$460.20	\$444.98	\$481.95	\$449.57	\$483.96	\$450.53	\$445.19	\$445.19	\$500.72	\$490.94
Nov-20	56666			\$456.15	\$449.04	\$460.38	\$444.98	\$455.98	\$449.58	\$456.60	\$450.53	\$445.19	\$445.19	\$502.50	\$492.72
Dec-20	56666			\$467.42	\$449.06	\$471.43	\$444.98	\$467.04	\$449.60	\$467.21	\$450.53	\$445.19	\$445.19	\$504.28	\$494.50
				1 9107112	<i></i>	\$111.13	<i></i>	\$107.01	<i></i>	1 9107121	÷.50.55	9113117	<i></i>		2171130
		Utilization Trend			0.80%		0.43%		0.85%		0.93%		0.43%		4.74%
		RMSE (root mean squ	are error)		34.96		34.95		34.76		34.74		28.5		28.28
		- (

EXHIBIT 2B Page 5

BLUE CROSS AND BLUE SHIELD OF VERMONT and THE VERMONT HEALTH PLAN Q3 2019 LARGE GROUP RATING PROGRAM FILING

MEDICAL UTILIZATION TREND CALCULATION

		Adjusted Claims -		Utilization Trend Calculation - Facility Holt-Winters' Multiplicative Multiplicative				lity Claims - 48 Holt-Winter		Series Addit	ive	Damped Trend	Non-Seasonal	Smoot	hing
		Normalized for	Adjusted	Monthly PMPM	Rolling 12	Monthly PMPM	Rolling 12	Monthly PMPM	Rolling 12	Monthly PMPM	Rolling 12	Monthly PMPM	Rolling 12	Monthly PMPM	Rolling 12
Month	Membership 68855	Contract Changes	PMPM \$272.21	\$272.21	PMPM	\$272.21	PMPM	\$272.21	PMPM	\$272.21	PMPM	\$272.21	PMPM	\$272.21	PMPM
Jul-14 Aug-14	68711	\$18,742,750 \$19,113,522	\$272.21	\$272.21		\$272.21		\$272.21		\$272.21		\$272.21		\$272.21	
Sep-14	68611	\$20,291,127	\$295.74	\$295.74		\$295.74		\$295.74		\$295.74		\$295.74		\$295.74	
Oct-14	66404	\$21,289,152	\$320.60	\$320.60		\$320.60		\$320.60		\$320.60		\$320.60		\$320.60	
Nov-14	66484	\$18,112,371	\$272.43	\$272.43		\$272.43		\$272.43		\$272.43		\$272.43		\$272.43	
Dec-14 Jan-15	66505 65209	\$20,908,349 \$17,687,727	\$314.39 \$271.25	\$314.39 \$271.25		\$314.39 \$271.25		\$314.39 \$271.25		\$314.39 \$271.25		\$314.39 \$271.25		\$314.39 \$271.25	
Feb-15	65322	\$17,288,402	\$271.25	\$264.66		\$264.66		\$264.66		\$264.66		\$264.66		\$264.66	
Mar-15	65179	\$19,725,556	\$302.64	\$302.64		\$302.64		\$302.64		\$302.64		\$302.64		\$302.64	
Apr-15	64721	\$18,528,825	\$286.29	\$286.29		\$286.29		\$286.29		\$286.29		\$286.29		\$286.29	
May-15	64597	\$17,827,982	\$275.99	\$275.99		\$275.99		\$275.99	****	\$275.99		\$275.99		\$275.99	
Jun-15 Jul-15	65121 64832	\$19,394,521 \$18,393,141	\$297.82 \$283.70	\$297.82 \$283.70	\$287.68 \$288.70	\$297.82 \$283.70	\$287.68 \$288.70	\$297.82 \$283.70	\$287.68 \$288.70	\$297.82 \$283.70	\$287.68 \$288.70	\$297.82 \$283.70	\$287.68 \$288.70	\$297.82 \$283.70	\$287.68 \$288.70
Aug-15	64518	\$16,982,694	\$263.22	\$263.22	\$287.53	\$263.22	\$287.53	\$263.22	\$287.53	\$263.22	\$287.53	\$263.22	\$287.53	\$263.22	\$287.53
Sep-15	64137	\$19,296,757	\$300.87	\$300.87	\$287.90	\$300.87	\$287.90	\$300.87	\$287.90	\$300.87	\$287.90	\$300.87	\$287.90	\$300.87	\$287.90
Oct-15	64092	\$19,040,886	\$297.09	\$297.09	\$285.87	\$297.09	\$285.87	\$297.09	\$285.87	\$297.09	\$285.87	\$297.09	\$285.87	\$297.09	\$285.87
Nov-15 Dec-15	64102 64301	\$18,859,632 \$19,182,883	\$294.21 \$298.33	\$294.21 \$298.33	\$287.71 \$286.30	\$294.21 \$298.33	\$287.71 \$286.30	\$294.21 \$298.33	\$287.71 \$286.30	\$294.21 \$298.33	\$287.71 \$286.30	\$294.21 \$298.33	\$287.71 \$286.30	\$294.21 \$298.33	\$287.71 \$286.30
Jan-16	60146	\$16,527,767	\$274.79	\$274.79	\$286.68	\$274.79	\$286.68	\$274.79	\$286.68	\$274.79	\$286.68	\$276.33	\$286.68	\$274.79	\$286.68
Feb-16	60017	\$16,633,588	\$277.15	\$277.15	\$287.81	\$277.15	\$287.81	\$277.15	\$287.81	\$277.15	\$287.81	\$277.15	\$287.81	\$277.15	\$287.81
Mar-16	60007	\$17,887,614	\$298.09	\$298.09	\$287.35	\$298.09	\$287.35	\$298.09	\$287.35	\$298.09	\$287.35	\$298.09	\$287.35	\$298.09	\$287.35
Apr-16 May-16	59837 59314	\$16,537,324 \$16,362,170	\$276.37 \$275.86	\$276.37 \$275.86	\$286.57 \$286.64	\$276.37 \$275.86	\$286.57 \$286.64	\$276.37	\$286.57 \$286.64	\$276.37 \$275.86	\$286.57 \$286.64	\$276.37 \$275.86	\$286.57 \$286.64	\$276.37 \$275.86	\$286.57 \$286.64
Jun-16	59091	\$18,177,397	\$275.86 \$307.62	\$275.86 \$307.62	\$286.64 \$287.32	\$275.86 \$307.62	\$286.64 \$287.32	\$275.86 \$307.62	\$286.64 \$287.32	\$275.86 \$307.62	\$286.64 \$287.32	\$275.86 \$307.62	\$286.64 \$287.32	\$275.86 \$307.62	\$286.64 \$287.32
Jul-16	58874	\$16,189,550	\$274.99	\$274.99	\$286.66	\$274.99	\$286.66	\$274.99	\$286.66	\$274.99	\$286.66	\$274.99	\$286.66	\$274.99	\$286.66
Aug-16	58734	\$17,160,964	\$292.18	\$292.18	\$289.16	\$292.18	\$289.16	\$292.18	\$289.16	\$292.18	\$289.16	\$292.18	\$289.16	\$292.18	\$289.16
Sep-16	58673	\$18,105,382 \$17,199,334	\$308.58	\$308.58	\$289.70	\$308.58	\$289.70	\$308.58	\$289.70	\$308.58	\$289.70	\$308.58	\$289.70	\$308.58	\$289.70
Oct-16 Nov-16	58843 58834	\$17,199,334 \$17,878,112	\$292.29 \$303.87	\$292.29 \$303.87	\$289.25 \$290.01	\$292.29 \$303.87	\$289.25 \$290.01	\$292.29 \$303.87	\$289.25 \$290.01	\$292.29 \$303.87	\$289.25 \$290.01	\$292.29 \$303.87	\$289.25 \$290.01	\$292.29 \$303.87	\$289.25 \$290.01
Dec-16	58349	\$18,445,455	\$316.12	\$316.12	\$291.40	\$316.12	\$291.40	\$316.12	\$291.40	\$316.12	\$291.40	\$316.12	\$291.40	\$316.12	\$291.40
Jan-17	59709	\$17,254,190	\$288.97	\$288.97	\$292.60	\$288.97	\$292.60	\$288.97	\$292.60	\$288.97	\$292.60	\$288.97	\$292.60	\$288.97	\$292.60
Feb-17 Mar-17	59577 59382	\$15,209,233 \$17,847,681	\$255.29 \$300.56	\$255.29 \$300.56	\$290.78 \$290.98	\$255.29 \$300.56	\$290.78 \$290.98	\$255.29 \$300.56	\$290.78 \$290.98	\$255.29 \$300.56	\$290.78 \$290.98	\$255.29 \$300.56	\$290.78 \$290.98	\$255.29 \$300.56	\$290.78 \$290.98
Apr-17	59297	\$15,358,313	\$259.01	\$259.01	\$289.54	\$259.01	\$289.54	\$259.01	\$289.54	\$259.01	\$289.54	\$259.01	\$289.54	\$259.01	\$289.54
May-17	59362	\$18,069,818	\$304.40	\$304.40	\$291.93	\$304.40	\$291.93	\$304.40	\$291.93	\$304.40	\$291.93	\$304.40	\$291.93	\$304.40	\$291.93
Jun-17	59379	\$17,889,216	\$301.27	\$301.27	\$291.40	\$301.27	\$291.40	\$301.27	\$291.40	\$301.27	\$291.40	\$301.27	\$291.40	\$301.27	\$291.40
Jul-17	59380 59336	\$17,448,999 \$16,433,105	\$293.85 \$276.95	\$293.85 \$276.95	\$292.97 \$291.70	\$293.85 \$276.95	\$292.97 \$291.70	\$293.85 \$276.95	\$292.97 \$291.70	\$293.85 \$276.95	\$292.97 \$291.70	\$293.85 \$276.95	\$292.97 \$291.70	\$293.85 \$276.95	\$292.97 \$291.70
Aug-17 Sep-17	58768	\$15,831,080	\$269.38	\$269.38	\$288.45	\$269.38	\$288.45	\$269.38	\$288.45	\$269.38	\$288.45	\$269.38	\$288.45	\$269.38	\$288.45
Oct-17	58735	\$18,815,881	\$320.35	\$320.35	\$290.77	\$320.35	\$290.77	\$320.35	\$290.77	\$320.35	\$290.77	\$320.35	\$290.77	\$320.35	\$290.77
Nov-17	58865	\$17,383,731	\$295.32	\$295.32	\$290.07	\$295.32	\$290.07	\$295.32	\$290.07	\$295.32	\$290.07	\$295.32	\$290.07	\$295.32	\$290.07
Dec-17 Jan-18	58792 56813	\$18,379,073 \$18,577,854	\$312.61	\$312.61	\$289.79 \$292.85	\$312.61	\$289.79 \$292.85	\$312.61	\$289.79	\$312.61	\$289.79 \$292.85	\$312.61	\$289.79	\$312.61	\$289.79
Feb-18	56466	\$16,613,221	\$327.00 \$294.22	\$327.00 \$294.22	\$292.85 \$296.13	\$327.00 \$294.22	\$292.85 \$296.13	\$327.00 \$294.22	\$292.85 \$296.13	\$327.00 \$294.22	\$292.85 \$296.13	\$327.00 \$294.22	\$292.85 \$296.13	\$327.00 \$294.22	\$292.85 \$296.13
Mar-18	56313	\$16,944,586	\$300.90	\$300.90	\$296.14	\$300.90	\$296.14	\$300.90	\$296.14	\$300.90	\$296.14	\$300.90	\$296.14	\$300.90	\$296.14
Apr-18	56488	\$17,159,443	\$303.77	\$303.77	\$299.91	\$303.77	\$299.91	\$303.77	\$299.91	\$303.77	\$299.91	\$303.77	\$299.91	\$303.77	\$299.91
May-18 Jun-18	56688 56666	\$18,140,798	\$320.01	\$320.01	\$301.16	\$320.01	\$301.16	\$320.01	\$301.16	\$320.01	\$301.16	\$320.01	\$301.16	\$320.01	\$301.16
Jul-18	56666	\$16,089,835	\$283.94	\$283.94 \$292.93	\$299.75 \$299.69	\$283.94 \$292.86	\$299.75 \$299.69	\$283.94 \$293.42	\$299.75 \$299.73	\$283.94 \$293.37	\$299.75 \$299.73	\$283.94 \$302.45	\$299.75 \$300.48	\$283.94 \$302.56	\$299.75 \$300.48
Aug-18	56666			\$289.25	\$300.80	\$289.37	\$300.80	\$290.14	\$300.91	\$290.08	\$300.90	\$303.00	\$302.71	\$303.12	\$302.73
Sep-18	56666			\$300.64	\$303.47	\$301.04	\$303.51	\$301.48	\$303.66	\$301.41	\$303.64	\$303.55	\$305.64	\$303.68	\$305.67
Oct-18	56666			\$323.76	\$303.71	\$323.97	\$303.76	\$323.65	\$303.88	\$323.57	\$303.86	\$304.10	\$304.25	\$304.23	\$304.29
Nov-18	56666			\$305.93	\$304.62	\$305.88	\$304.67	\$306.28	\$304.82	\$306.20	\$304.79	\$304.64	\$305.05	\$304.79	\$305.10
Dec-18	56666			\$327.17	\$305.80	\$327.40	\$305.87	\$326.95	\$305.99	\$326.86	\$305.96	\$305.19	\$304.41	\$305.35	\$304.47
Jan-19 Feb-19	56666 56666			\$313.76 \$290.76	\$304.70 \$304.40	\$313.46 \$290.79	\$304.74 \$304.45	\$313.72 \$292.32	\$304.88 \$304.72	\$313.62 \$292.20	\$304.84 \$304.66	\$305.74 \$306.28	\$302.63 \$303.63	\$305.91 \$306.47	\$302.71 \$303.73
Mar-19	56666			\$317.44	\$305.78	\$317.77	\$305.86	\$317.95	\$304.72	\$317.83	\$306.07	\$306.83	\$304.13	\$307.03	\$304.24
Apr-19	56666			\$301.57	\$305.60	\$301.76	\$305.69	\$302.99	\$306.07	\$302.85	\$306.00	\$307.37	\$304.43	\$307.59	\$304.56
May-19	56666			\$317.98	\$305.43	\$317.86	\$305.51	\$318.25	\$305.92	\$318.09	\$305.84	\$307.92	\$303.42	\$308.15	\$303.57
Jun-19	56666			\$312.37	\$307.80	\$312.86	\$307.92	\$313.44	\$308.38	\$313.27	\$308.28	\$308.46	\$305.46	\$308.71	\$305.63
Jul-19	56666			\$304.87	\$308.79	\$304.98	\$308.93	\$306.45	\$309.47	\$306.24	\$309.35	\$309.01 \$300.55	\$306.01	\$309.26	\$306.19
Aug-19 Sep-19	56666			\$301.00 \$312.81	\$309.77 \$310.79	\$301.28	\$309.92	\$303.16	\$310.55 \$311.64	\$302.93	\$310.42	\$309.55	\$306.55 \$307.10	\$309.82	\$306.75
Sep-19 Oct-19	56666 56666			\$312.81 \$336.81	\$310.79 \$311.87	\$313.38 \$337.19	\$310.95 \$312.05	\$314.50 \$336.67	\$311.64 \$312.72	\$314.25 \$336.40	\$311.49 \$312.56	\$310.09 \$310.63	\$307.10 \$307.64	\$310.38 \$310.94	\$307.31 \$307.87
Nov-19	56666			\$318.23	\$312.90	\$318.31	\$313.09	\$319.30	\$313.81	\$319.01	\$313.63	\$311.17	\$308.19	\$311.50	\$308.43
Dec-19	56666			\$340.28	\$313.99	\$340.65	\$314.19	\$339.97	\$314.89	\$339.66	\$314.70	\$311.71	\$308.73	\$312.06	\$308.99
Jan-20	56666			\$326.29	\$315.03	\$326.08	\$315.24	\$326.74	\$315.98	\$326.41	\$315.76	\$312.25	\$309.27	\$312.62	\$309.54
Feb-20	56666			\$302.33	\$316.00	\$302.45	\$316.21	\$305.34	\$317.06	\$304.98	\$316.83	\$312.79	\$309.82	\$313.18	\$310.10
Mar-20	56666			\$330.03	\$317.05	\$330.46	\$317.27	\$330.98	\$318.15	\$330.59	\$317.89	\$313.33	\$310.36	\$313.74	\$310.66
Apr-20 May-20	56666 56666			\$313.50 \$330.51	\$318.04 \$319.09	\$313.76	\$318.27 \$319.32	\$316.02 \$331.27	\$319.24 \$320.32	\$315.60 \$330.83	\$318.95 \$320.01	\$313.87	\$310.90 \$311.44	\$314.29 \$314.85	\$311.22 \$311.78
Jun-20	56666			\$330.51 \$324.64	\$319.09 \$320.11	\$330.44 \$325.20	\$319.32 \$320.35	\$331.27 \$326.47	\$320.32 \$321.41	\$330.83 \$326.00	\$320.01 \$321.08	\$314.41 \$314.95	\$311.44 \$311.98	\$314.85 \$315.41	\$311.78 \$312.34
Jul-20	56666			\$316.81	\$321.10	\$316.95	\$321.35	\$319.47	\$322.49	\$318.95	\$322.13	\$315.48	\$312.52	\$315.97	\$312.90
Aug-20	56666			\$312.74	\$322.08	\$313.06	\$322.33	\$316.18	\$323.58	\$315.63	\$323.19	\$316.02	\$313.06	\$316.53	\$313.46
Sep-20	56666			\$324.98	\$323.10	\$325.57	\$323.34	\$327.52	\$324.66	\$326.94	\$324.25	\$316.55	\$313.60	\$317.09	\$314.02
Oct-20	56666			\$349.87	\$324.18	\$350.25	\$324.43	\$349.69	\$325.75	\$349.08	\$325.31	\$317.09	\$314.14	\$317.65	\$314.57
Nov-20	56666			\$330.53	\$325.21	\$330.59	\$325.46	\$332.32	\$326.83	\$331.67	\$326.36	\$317.62	\$314.67	\$318.21	\$315.13
Dec-20	56666			\$353.39	\$326.30	\$353.74	\$326.55	\$353.00	\$327.92	\$352.31	\$327.42	\$318.16	\$315.21	\$318.77	\$315.69
		Utilization Trend			3.46%		3.49%		3.66%		3.60%		2.04%		2.10%
		RMSE (root mean squ	are error)		18.09		18.09		18.07		18.07		18.19		18.19

MEDICAL UTILIZATION TREND CALCULATION Utilization Trend Calculation - Facility Claims - 36 Month Time Series

Utilization I refor Galculation - Facility Llaims - 36 Month I ime Series Adjusted Claims - Holt-Winters' Multiplicative Multiplicative Holt-Winters' Additive Damped Trend Non-Seasonal Smoothing											hing				
		Normalized for	Adjusted		Rolling 12		Rolling 12	1	Rolling 12		Rolling 12		Rolling 12		Rolling 12
Month	Membership	Contract Changes	PMPM	Monthly PMPM	PMPM										
Jul-15	64832	\$18,393,141	\$283.70	\$283.70		\$283.70		\$283.70		\$283.70		\$283.70		\$283.70	
Aug-15	64518	\$16,982,694	\$263.22	\$263.22		\$263.22		\$263.22		\$263.22		\$263.22		\$263.22	
Sep-15	64137	\$19,296,757	\$300.87	\$300.87		\$300.87		\$300.87		\$300.87		\$300.87		\$300.87	
Oct-15	64092	\$19,040,886	\$297.09	\$297.09		\$297.09		\$297.09		\$297.09		\$297.09		\$297.09	
Nov-15	64102	\$18,859,632	\$294.21	\$294.21		\$294.21		\$294.21		\$294.21		\$294.21		\$294.21	
Dec-15 Jan-16	64301 60146	\$19,182,883 \$16,527,767	\$298.33 \$274.79	\$298.33 \$274.79											
Feb-16	60017	\$16,633,588	\$277.15	\$277.15		\$277.15		\$277.15		\$277.15		\$277.15		\$277.15	
Mar-16	60007	\$17,887,614	\$298.09	\$298.09		\$298.09		\$298.09		\$298.09		\$298.09		\$298.09	
Apr-16	59837	\$16,537,324	\$276.37	\$276.37		\$276.37		\$276.37		\$276.37		\$276.37		\$276.37	
May-16	59314	\$16,362,170	\$275.86	\$275.86		\$275.86		\$275.86		\$275.86		\$275.86		\$275.86	
Jun-16	59091	\$18,177,397	\$307.62	\$307.62	\$287.32	\$307.62	\$287.32	\$307.62	\$287.32	\$307.62	\$287.32	\$307.62	\$287.32	\$307.62	\$287.32
Jul-16	58874	\$16,189,550	\$274.99	\$274.99	\$286.66	\$274.99	\$286.66	\$274.99	\$286.66	\$274.99	\$286.66	\$274.99	\$286.66	\$274.99	\$286.66
Aug-16	58734	\$17,160,964	\$292.18	\$292.18	\$289.16	\$292.18	\$289.16	\$292.18	\$289.16	\$292.18	\$289.16	\$292.18	\$289.16	\$292.18	\$289.16
Sep-16	58673	\$18,105,382 \$17,199,334	\$308.58	\$308.58	\$289.70	\$308.58	\$289.70	\$308.58	\$289.70 \$289.25	\$308.58	\$289.70	\$308.58	\$289.70	\$308.58	\$289.70 \$289.25
Oct-16 Nov-16	58843 58834	\$17,199,334 \$17,878,112	\$292.29 \$303.87	\$292.29 \$303.87	\$289.25 \$290.01										
Dec-16	58349	\$18,445,455	\$316.12	\$305.87	\$290.01	\$316.12	\$290.01	\$316.12	\$290.01	\$316.12	\$290.01	\$316.12	\$290.01 \$291.40	\$316.12	\$290.01 \$291.40
Jan-17	59709	\$17,254,190	\$288.97	\$288.97	\$292.60	\$288.97	\$292.60	\$288.97	\$292.60	\$288.97	\$292.60	\$288.97	\$292.60	\$288.97	\$292.60
Feb-17	59577	\$15,209,233	\$255.29	\$255.29	\$290.78	\$255.29	\$290.78	\$255.29	\$290.78	\$255.29	\$290.78	\$255.29	\$290.78	\$255.29	\$290.78
Mar-17	59382	\$17,847,681	\$300.56	\$300.56	\$290.98	\$300.56	\$290.98	\$300.56	\$290.98	\$300.56	\$290.98	\$300.56	\$290.98	\$300.56	\$290.98
Apr-17	59297	\$15,358,313	\$259.01	\$259.01	\$289.54	\$259.01	\$289.54	\$259.01	\$289.54	\$259.01	\$289.54	\$259.01	\$289.54	\$259.01	\$289.54
May-17	59362	\$18,069,818	\$304.40	\$304.40	\$291.93	\$304.40	\$291.93	\$304.40	\$291.93	\$304.40	\$291.93	\$304.40	\$291.93	\$304.40	\$291.93
Jun-17	59379	\$17,889,216	\$301.27	\$301.27	\$291.40	\$301.27	\$291.40	\$301.27	\$291.40	\$301.27	\$291.40	\$301.27	\$291.40	\$301.27	\$291.40
Jul-17	59380	\$17,448,999	\$293.85	\$293.85	\$292.97	\$293.85	\$292.97	\$293.85	\$292.97	\$293.85	\$292.97	\$293.85	\$292.97	\$293.85	\$292.97
Aug-17	59336	\$16,433,105	\$276.95	\$276.95	\$291.70	\$276.95	\$291.70	\$276.95	\$291.70	\$276.95	\$291.70	\$276.95	\$291.70	\$276.95	\$291.70
Sep-17	58768	\$15,831,080	\$269.38	\$269.38	\$288.45	\$269.38	\$288.45	\$269.38	\$288.45	\$269.38	\$288.45	\$269.38	\$288.45	\$269.38	\$288.45
Oct-17	58735 58865	\$18,815,881	\$320.35	\$320.35	\$290.77	\$320.35	\$290.77	\$320.35	\$290.77	\$320.35	\$290.77	\$320.35	\$290.77	\$320.35	\$290.77
Nov-17 Dec-17	58792	\$17,383,731 \$18,379,073	\$295.32 \$312.61	\$295.32 \$312.61	\$290.07 \$289.79										
Jan-18	56813	\$18,577,854	\$327.00	\$327.00	\$292.85	\$327.00	\$292.85	\$327.00	\$292.85	\$327.00	\$292.85	\$327.00	\$292.85	\$327.00	\$292.85
Feb-18	56466	\$16,613,221	\$294.22	\$294.22	\$296.13	\$294.22	\$296.13	\$294.22	\$296.13	\$294.22	\$296.13	\$294.22	\$296.13	\$294.22	\$296.13
Mar-18	56313	\$16,944,586	\$300.90	\$300.90	\$296.14	\$300.90	\$296.14	\$300.90	\$296.14	\$300.90	\$296.14	\$300.90	\$296.14	\$300.90	\$296.14
Apr-18	56488	\$17,159,443	\$303.77	\$303.77	\$299.91	\$303.77	\$299.91	\$303.77	\$299.91	\$303.77	\$299.91	\$303.77	\$299.91	\$303.77	\$299.91
May-18	56688	\$18,140,798	\$320.01	\$320.01	\$301.16	\$320.01	\$301.16	\$320.01	\$301.16	\$320.01	\$301.16	\$320.01	\$301.16	\$320.01	\$301.16
Jun-18	56666	\$16,089,835	\$283.94	\$283.94	\$299.75	\$283.94	\$299.75	\$283.94	\$299.75	\$283.94	\$299.75	\$283.94	\$299.75	\$283.94	\$299.75
Jul-18	56666			\$295.75	\$299.93	\$295.71	\$299.92	\$295.86	\$299.93	\$295.82	\$299.93	\$302.67	\$300.49	\$302.76	\$300.50
Aug-18	56666			\$284.79	\$300.66	\$284.75	\$300.65	\$284.96	\$300.68	\$284.91	\$300.68	\$303.64	\$302.78	\$303.73	\$302.80
Sep-18	56666			\$306.01	\$303.78	\$305.96	\$303.77	\$306.36	\$303.84	\$306.30	\$303.82	\$304.61	\$305.80	\$304.71	\$305.82
Oct-18 Nov-18	56666 56666			\$317.56	\$303.50	\$317.50 \$311.63	\$303.49	\$316.58	\$303.47 \$304.82	\$316.52	\$303.46	\$305.58	\$304.53 \$305.49	\$305.68	\$304.56
Dec-18	56666			\$311.70 \$322.97	\$304.89 \$305.73	\$311.63 \$322.89	\$304.87 \$305.70	\$311.26 \$321.68	\$304.82 \$305.56	\$311.19 \$321.60	\$304.80 \$305.53	\$306.55 \$307.51	\$305.49 \$305.04	\$306.66 \$307.63	\$305.53 \$305.10
Jan-19	56666			\$310.15	\$305.75	\$310.05	\$305.70	\$308.94	\$305.56	\$308.85	\$305.53 \$304.01	\$308.48	\$303.04 \$303.49	\$307.63	\$303.56
Feb-19	56666			\$293.99	\$304.30	\$293.90	\$304.25	\$294.64	\$304.08	\$294.53	\$304.03	\$309.44	\$304.76	\$309.59	\$304.84
Mar-19	56666			\$317.83	\$305.71	\$317.71	\$305.65	\$317.20	\$305.43	\$317.09	\$305.38	\$310.40	\$305.55	\$310.56	\$305.64
Apr-19	56666			\$298.80	\$305.29	\$298.68	\$305.23	\$299.15	\$305.05	\$299.03	\$304.98	\$311.36	\$306.18	\$311.54	\$306.29
May-19	56666			\$314.49	\$304.83	\$314.34	\$304.76	\$313.33	\$304.49	\$313.19	\$304.41	\$312.32	\$305.54	\$312.51	\$305.66
Jun-19	56666			\$319.47	\$307.79	\$319.31	\$307.70	\$319.30	\$307.44	\$319.15	\$307.35	\$313.28	\$307.99	\$313.49	\$308.12
Jul-19	56666			\$308.32	\$308.84	\$308.14	\$308.74	\$308.39	\$308.48	\$308.20	\$308.38	\$314.24	\$308.95	\$314.46	\$309.10
Aug-19	56666			\$296.85	\$309.85	\$296.66	\$309.73	\$297.49	\$309.53	\$297.28	\$309.41	\$315.20	\$309.91	\$315.44	\$310.07
Sep-19	56666			\$318.92	\$310.92	\$318.70	\$310.79	\$318.88	\$310.57	\$318.66	\$310.44	\$316.16	\$310.88	\$316.41	\$311.05
Oct-19	56666			\$330.92	\$312.03	\$330.66	\$311.89	\$329.11	\$311.61	\$328.87	\$311.47	\$317.11	\$311.84	\$317.39	\$312.02
Nov-19	56666			\$324.77	\$313.12	\$324.50	\$312.96	\$323.79	\$312.66	\$323.53	\$312.50	\$318.07	\$312.80	\$318.36	\$313.00
Dec-19	56666			\$336.46	\$314.25	\$336.16	\$314.07	\$334.21	\$313.70	\$333.93	\$313.53	\$319.02	\$313.76	\$319.34	\$313.98
Jan-20	56666			\$323.06	\$315.32	\$322.74	\$315.13	\$321.47	\$314.75	\$321.16	\$314.55	\$319.98	\$314.72	\$320.31	\$314.95
Feb-20	56666			\$306.18	\$316.34	\$305.87	\$316.12	\$307.16	\$315.79	\$306.83	\$315.58	\$320.93	\$315.67	\$321.29	\$315.93
Mar-20	56666			\$330.96	\$317.43	\$330.60	\$317.20	\$329.73	\$316.83	\$329.38	\$316.60	\$321.88	\$316.63	\$322.26	\$316.90
Apr-20	56666			\$311.11	\$318.46	\$310.74	\$318.20	\$311.68	\$317.88	\$311.30	\$317.62	\$322.83	\$317.59	\$323.24	\$317.88
May-20	56666			\$327.40	\$319.54	\$326.98	\$319.26	\$325.86	\$318.92	\$325.45	\$318.65	\$323.78	\$318.54	\$324.21	\$318.85
Jun-20	56666			\$332.53	\$320.62	\$332.09	\$320.32	\$331.83	\$319.97	\$331.40	\$319.67	\$324.73	\$319.49	\$325.19	\$319.83
Jul-20	56666			\$320.89	\$321.67	\$320.42	\$321.34	\$320.91	\$321.01	\$320.44	\$320.69	\$325.67	\$320.45	\$326.17	\$320.80
Aug-20	56666			\$308.91	\$322.68	\$308.43	\$322.32	\$310.01	\$322.05	\$309.51	\$321.71	\$326.62	\$321.40	\$327.14	\$321.78
Sep-20	56666			\$331.83	\$323.75	\$331.29	\$323.37	\$331.41	\$323.10	\$330.88	\$322.72	\$327.57	\$322.35	\$328.12	\$322.75
Oct-20	56666			\$344.27	\$324.86	\$343.67	\$324.46	\$341.63	\$324.14	\$341.07	\$323.74	\$328.51	\$323.30	\$329.09	\$323.73
Nov-20	56666			\$337.83	\$325.95	\$337.21	\$325.52	\$336.31	\$325.18	\$335.72	\$324.76	\$329.45	\$324.25	\$330.07	\$324.70
Dec-20	56666			\$349.95	\$327.08	\$349.27	\$326.61	\$346.73	\$326.23	\$346.10	\$325.77	\$330.40	\$325.20	\$331.04	\$325.68
		Utilization Trend			3.56%		3,50%		3.45%		3.39%		3.32%		3.38%
		RMSE (root mean squ	uare error)		20.44		20.44		20.34		20.35		17.03		17.03

MEDICAL UTILIZATION TREND CALCULATION

				Holt-Winters' M		ion Trend Calcu Multipli		ility Claims - 24 Holt-Winter		e Series Addit		Damped Trend	No. Concert	Smoot	
Month	Membership	Adjusted Claims - Normalized for Contract Changes	Adjusted PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM
Jul-16	58874	\$16,189,550	\$274.99	\$274.99	i mi m	\$274.99	1 mi m	\$274.99	1 mi m	\$274.99	1 Mi M	\$274.99	1 Mi M	\$274.99	1 Mi M
Aug-16	58734	\$17,160,964	\$292.18	\$292.18		\$292.18		\$292.18		\$292.18		\$292.18		\$292.18	
Sep-16	58673	\$18,105,382	\$308.58	\$308.58		\$308.58		\$308.58		\$308.58		\$308.58		\$308.58	
Oct-16	58843	\$17,199,334	\$292.29	\$292.29		\$292.29		\$292.29		\$292.29		\$292.29		\$292.29	
Nov-16	58834	\$17,878,112	\$303.87	\$303.87		\$303.87		\$303.87		\$303.87		\$303.87		\$303.87	
Dec-16	58349	\$18,445,455	\$316.12	\$316.12		\$316.12		\$316.12		\$316.12		\$316.12		\$316.12	
Jan-17	59709	\$17,254,190	\$288.97	\$288.97		\$288.97		\$288.97		\$288.97		\$288.97		\$288.97	
Feb-17	59577	\$15,209,233	\$255.29	\$255.29		\$255.29		\$255.29		\$255.29		\$255.29		\$255.29	
Mar-17	59382	\$17,847,681	\$300.56	\$300.56		\$300.56		\$300.56		\$300.56		\$300.56		\$300.56	
Apr-17	59297	\$15,358,313	\$259.01	\$259.01		\$259.01		\$259.01		\$259.01		\$259.01		\$259.01	
May-17	59362	\$18,069,818	\$304.40	\$304.40		\$304.40		\$304.40		\$304.40		\$304.40		\$304.40	
Jun-17	59379	\$17,889,216	\$301.27	\$301.27	\$291.40	\$301.27	\$291.40	\$301.27	\$291.40	\$301.27	\$291.40	\$301.27	\$291.65	\$301.27	\$291.65
Jul-17	59380	\$17,448,999	\$293.85	\$293.85	\$292.97	\$293.85	\$292.97	\$293.85	\$292.97	\$293.85	\$292.97	\$293.85	\$293.29	\$293.85	\$293.29
Aug-17	59336	\$16,433,105	\$276.95	\$276.95	\$291.70	\$276.95	\$291.70	\$276.95	\$291.70	\$276.95	\$291.70	\$276.95	\$292.08	\$276.95	\$292.08
Sep-17	58768	\$15,831,080	\$269.38	\$269.38	\$288.45	\$269.38	\$288.45	\$269.38	\$288.45	\$269.38	\$288.45	\$269.38	\$288.79	\$269.38	\$288.79
Oct-17 Nov-17	58735 58865	\$18,815,881 \$17,383,731	\$320.35	\$320.35	\$290.77	\$320.35	\$290.77	\$320.35	\$290.77	\$320.35	\$290.77	\$320.35	\$291.05	\$320.35	\$291.05
Dec-17	58865	\$17,383,731 \$18,379,073	\$295.32 \$312.61	\$295.32 \$312.61	\$290.07 \$289.79	\$295.32 \$312.61	\$290.07 \$289.79	\$295.32 \$312.61	\$290.07 \$289.79	\$295.32 \$312.61	\$290.07 \$289.79	\$295.32 \$312.61	\$290.26 \$289.75	\$295.32 \$312.61	\$290.26 \$289.75
Jan-18	56813	\$18,577,854	\$312.61 \$327.00	\$312.61 \$327.00	\$289.79 \$292.85	\$312.61 \$327.00	\$289.79 \$292.85	\$312.61 \$327.00	\$289.79 \$292.85	\$312.61 \$327.00	\$289.79 \$292.85	\$312.61 \$327.00	\$289.75 \$292.95	\$312.61 \$327.00	\$289.75 \$292.95
Feb-18	56466	\$16,613,221	\$294.22	\$294.22	\$296.13	\$294.22	\$296.13	\$294.22	\$296.13	\$294.22	\$296.13	\$294.22	\$296.24	\$294.22	\$296.24
Mar-18	56313	\$16,944,586	\$300.90	\$300.90	\$296.14	\$300.90	\$296.14	\$300.90	\$296.14	\$300.90	\$296.14	\$300.90	\$296.26	\$300.90	\$296.26
Apr-18	56488	\$17,159,443	\$303.77	\$303.77	\$299.91	\$303.77	\$299.91	\$303.77	\$299.91	\$303.77	\$299.91	\$303.77	\$300.04	\$303.77	\$300.04
May-18	56688	\$18,140,798	\$320.01	\$320.01	\$301.16	\$320.01	\$301.16	\$320.01	\$301.16	\$320.01	\$301.16	\$320.01	\$301.35	\$320.01	\$301.35
Jun-18	56666	\$16,089,835	\$283.94	\$283.94	\$299.75	\$283.94	\$299.75	\$283.94	\$299.75	\$283.94	\$299.75	\$283.94	\$299.89	\$283.94	\$299.89
Jul-18	56666			\$281.52	\$298.76	\$278.09	\$298.48	\$278.30	\$298.49	\$278.31	\$298.49	\$309.65	\$301.21	\$309.69	\$301.21
Aug-18	56666			\$292.56	\$300.13	\$295.45	\$300.08	\$295.46	\$300.10	\$295.47	\$300.10	\$311.01	\$304.04	\$311.06	\$304.04
Sep-18	56666			\$304.81	\$303.15	\$312.01	\$303.70	\$311.84	\$303.70	\$311.84	\$303.71	\$312.36	\$307.59	\$312.43	\$307.60
Oct-18	56666			\$300.92	\$301.49	\$295.60	\$301.60	\$295.62	\$301.60	\$295.63	\$301.61	\$313.71	\$307.04	\$313.80	\$307.06
Nov-18	56666			\$305.75	\$302.38	\$307.28	\$302.61	\$307.17	\$302.61	\$307.17	\$302.61	\$315.06	\$308.67	\$315.17	\$308.70
Dec-18	56666			\$319.12	\$302.89	\$319.67	\$303.17	\$319.43	\$303.15	\$319.42	\$303.15	\$316.41	\$308.99	\$316.53	\$309.03
Jan-19	56666			\$299.27	\$300.57	\$292.25	\$300.27	\$292.32	\$300.25	\$292.32	\$300.25	\$317.76	\$308.17	\$317.90	\$308.23
Feb-19	56666			\$265.14	\$298.14	\$258.19	\$297.26	\$258.64	\$297.28	\$258.63	\$297.28	\$319.11	\$310.23	\$319.27	\$310.30
Mar-19	56666			\$303.62	\$298.37	\$303.93	\$297.52	\$303.87	\$297.53	\$303.86	\$297.53	\$320.45	\$311.84	\$320.64	\$311.92
Apr-19	56666			\$269.72 \$310.00	\$295.53	\$261.96	\$294.03 \$293.02	\$262.37	\$294.08	\$262.36 \$307.72	\$294.08	\$321.80	\$313.33	\$322.01 \$323.38	\$313.43
May-19 Jun-19	56666 56666			\$310.00	\$294.70 \$296.10	\$307.83 \$304.63	\$293.02 \$294.74	\$307.74 \$304.58	\$293.06 \$294.78	\$307.72 \$304.55	\$293.06 \$294.77	\$323.14 \$324.48	\$313.56 \$316.99	\$323.38 \$324.74	\$313.68 \$317.13
Jul-19 Jul-19	56666			\$281.56	\$296.10 \$296.11	\$304.63 \$278.09	\$294.74 \$294.74	\$304.58 \$278.34	\$294.78 \$294.78	\$304.55 \$278.31	\$294.77 \$294.77	\$324.48 \$325.82	\$316.99	\$324.74 \$326.11	\$317.13 \$318.51
Aug-19	56666			\$292.59	\$296.11	\$295.45	\$294.74	\$295.50	\$294.78	\$295.47	\$294.77	\$327.16	\$319.70	\$327.48	\$319.89
Sep-19	56666			\$304.85	\$296.11	\$312.01	\$294.74	\$311.88	\$294.79	\$311.84	\$294.77	\$328.50	\$321.06	\$328.85	\$321.27
Oct-19	56666			\$300.96	\$296.12	\$295.60	\$294.74	\$295.66	\$294.79	\$295.63	\$294.77	\$329.83	\$322.42	\$330.22	\$322.65
Nov-19	56666			\$305.79	\$296.12	\$307.28	\$294.74	\$307.21	\$294.80	\$307.17	\$294.77	\$331.17	\$323.78	\$331.58	\$324.04
Dec-19	56666			\$319.16	\$296.12	\$319.67	\$294.74	\$319.47	\$294.80	\$319.42	\$294.77	\$332.50	\$325.15	\$332.95	\$325.43
Jan-20	56666			\$299.31	\$296.13	\$292.25	\$294.74	\$292.36	\$294.80	\$292.32	\$294.77	\$333.83	\$326.49	\$334.32	\$326.80
Feb-20	56666			\$265.18	\$296.13	\$258.19	\$294.74	\$258.68	\$294.81	\$258.63	\$294.77	\$335.16	\$327.83	\$335.69	\$328.17
Mar-20	56666			\$303.66	\$296.13	\$303.93	\$294.74	\$303.91	\$294.81	\$303.86	\$294.77	\$336.49	\$329.16	\$337.06	\$329.53
Apr-20	56666			\$269.76	\$296.14	\$261.96	\$294.74	\$262.41	\$294.81	\$262.36	\$294.77	\$337.82	\$330.49	\$338.43	\$330.90
May-20	56666			\$310.04	\$296.14	\$307.83	\$294.74	\$307.78	\$294.82	\$307.72	\$294.77	\$339.15	\$331.83	\$339.79	\$332.27
Jun-20	56666			\$300.85	\$296.14	\$304.63	\$294.74	\$304.62	\$294.82	\$304.55	\$294.77	\$340.47	\$333.16	\$341.16	\$333.64
Jul-20	56666			\$281.60	\$296.15	\$278.09	\$294.74	\$278.38	\$294.82	\$278.31	\$294.77	\$341.79	\$334.49	\$342.53	\$335.01
Aug-20	56666			\$292.63	\$296.15	\$295.45	\$294.74	\$295.54	\$294.83	\$295.47	\$294.77	\$343.12	\$335.82	\$343.90	\$336.37
Sep-20	56666			\$304.89	\$296.15	\$312.01	\$294.74	\$311.92	\$294.83	\$311.84	\$294.77	\$344.44	\$337.15	\$345.27	\$337.74
Oct-20	56666			\$301.00	\$296.16	\$295.60	\$294.74	\$295.70	\$294.83	\$295.63	\$294.77	\$345.76	\$338.48	\$346.63	\$339.11
Nov-20	56666			\$305.83	\$296.16	\$307.28	\$294.74	\$307.25	\$294.84	\$307.17	\$294.77	\$347.08	\$339.80	\$348.00	\$340.48
Dec-20	56666			\$319.20	\$296.16	\$319.67	\$294.74	\$319.51	\$294.84	\$319.42	\$294.77	\$348.39	\$341.13	\$349.37	\$341.85
		Utilization Trend			-0.48%		-0.67%		-0.66%		-0.67%		5,30%		5.39%
		RMSE (root mean squa	are error)		26.57		26.57		26.58		26.58		20.05		20.05

EXHIBIT 2B Page 8

BLUE CROSS AND BLUE SHIELD OF VERMONT and THE VERMONT HEALTH PLAN Q3 2019 LARGE GROUP RATING PROGRAM FILING

MEDICAL UTILIZATION TREND CALCULATION

Utilization Trend Calculation - Professional Claims - 48 Month Time Series Adjusted Claims - Holt-Winters' Multiplicative Multiplicative Holt-Winters' Additive Additive Damped Trend Non-Seasonal Smoothing											hing				
Month	Membership	Normalized for Contract Changes	Adjusted PMPM	Monthly PMPM	Rolling 12 PMPM										
Jul-14	68855	\$8,279,746	\$120.25	\$120.25	PMPM										
Aug-14	68711	\$7,780,706	\$113.24	\$113.24		\$113.24		\$113.24		\$113.24		\$113.24		\$113.24	
Sep-14	68611	\$8,762,648	\$127.71	\$127.71		\$127.71		\$127.71		\$127.71		\$127.71		\$127.71	
Oct-14	66404	\$9,443,602	\$142.21	\$142.21		\$142.21		\$142.21		\$142.21		\$142.21		\$142.21	
Nov-14	66484	\$7,888,866	\$118.66	\$118.66		\$118.66		\$118.66		\$118.66		\$118.66		\$118.66	
Dec-14 Jan-15	66505 65209	\$9,051,613 \$7,829,144	\$136.10 \$120.06	\$136.10 \$120.06											
Feb-15	65322	\$7,164,155	\$109.67	\$109.67		\$109.67		\$109.67		\$109.67		\$109.67		\$109.67	
Mar-15	65179	\$8,484,918	\$130.18	\$130.18		\$130.18		\$130.18		\$130.18		\$130.18		\$130.18	
Apr-15	64721	\$8,250,506	\$127.48	\$127.48		\$127.48		\$127.48		\$127.48		\$127.48		\$127.48	
May-15	64597	\$7,882,778	\$122.03	\$122.03	6424.20	\$122.03	6424.20	\$122.03	6424.20	\$122.03	6424.20	\$122.03	6424.20	\$122.03	6424.20
Jun-15 Jul-15	65121 64832	\$8,161,161 \$8,067,435	\$125.32 \$124.44	\$125.32 \$124.44	\$124.39 \$124.75										
Aug-15	64518	\$7,578,935	\$117.47	\$117.47	\$125.16	\$117.47	\$125.16	\$117.47	\$125.16	\$117.47	\$125.16	\$117.47	\$125.16	\$117.47	\$125.16
Sep-15	64137	\$8,067,342	\$125.78	\$125.78	\$124.99	\$125.78	\$124.99	\$125.78	\$124.99	\$125.78	\$124.99	\$125.78	\$124.99	\$125.78	\$124.99
Oct-15	64092	\$8,770,557	\$136.84	\$136.84	\$124.50	\$136.84	\$124.50	\$136.84	\$124.50	\$136.84	\$124.50	\$136.84	\$124.50	\$136.84	\$124.50
Nov-15	64102	\$8,085,170	\$126.13	\$126.13	\$125.13	\$126.13	\$125.13	\$126.13	\$125.13	\$126.13	\$125.13	\$126.13	\$125.13	\$126.13	\$125.13
Dec-15 Jan-16	64301 60146	\$8,686,176 \$7,293,193	\$135.09 \$121.26	\$135.09 \$121.26	\$125.02 \$125.14										
Feb-16	60017	\$7,256,131	\$120.90	\$121.20	\$125.14	\$120.90	\$125.14	\$120.90	\$125.14	\$120.90	\$125.14	\$121.20	\$125.14	\$120.90	\$126.13
Mar-16	60007	\$8,081,974	\$134.68	\$134.68	\$126.46	\$134.68	\$126.46	\$134.68	\$126.46	\$134.68	\$126.46	\$134.68	\$126.46	\$134.68	\$126.46
Apr-16	59837	\$7,254,320	\$121.23	\$121.23	\$125.96	\$121.23	\$125.96	\$121.23	\$125.96	\$121.23	\$125.96	\$121.23	\$125.96	\$121.23	\$125.96
May-16	59314	\$7,538,418	\$127.09	\$127.09	\$126.38	\$127.09	\$126.38	\$127.09	\$126.38	\$127.09	\$126.38	\$127.09	\$126.38	\$127.09	\$126.38
Jun-16	59091 58874	\$7,645,080 \$6,788,721	\$129.38	\$129.38	\$126.71	\$129.38	\$126.71	\$129.38	\$126.71	\$129.38	\$126.71	\$129.38	\$126.71	\$129.38	\$126.71
Jul-16 Aug-16	58874	\$6,788,721 \$7,735,390	\$115.31 \$131.70	\$115.31 \$131.70	\$126.00 \$127.21										
Sep-16	58673	\$7,735,325	\$131.84	\$131.84	\$127.71	\$131.84	\$127.71	\$131.84	\$127.71	\$131.84	\$127.71	\$131.84	\$127.71	\$131.84	\$127.71
Oct-16	58843	\$7,845,386	\$133.33	\$133.33	\$127.36	\$133.33	\$127.36	\$133.33	\$127.36	\$133.33	\$127.36	\$133.33	\$127.36	\$133.33	\$127.36
Nov-16	58834	\$8,306,279	\$141.18	\$141.18	\$128.60	\$141.18	\$128.60	\$141.18	\$128.60	\$141.18	\$128.60	\$141.18	\$128.60	\$141.18	\$128.60
Dec-16	58349 59709	\$8,148,370	\$139.65	\$139.65	\$128.92	\$139.65	\$128.92	\$139.65	\$128.92	\$139.65	\$128.92	\$139.65	\$128.92	\$139.65	\$128.92
Jan-17 Feb-17	59709	\$8,064,399 \$7,122,674	\$135.06 \$119.55	\$135.06 \$119.55	\$130.09 \$129.98										
Mar-17	59382	\$8,173,479	\$137.64	\$137.64	\$130.23	\$137.64	\$130.23	\$137.64	\$130.23	\$137.64	\$130.23	\$137.64	\$130.23	\$137.64	\$130.23
Apr-17	59297	\$7,393,366	\$124.68	\$124.68	\$130.52	\$124.68	\$130.52	\$124.68	\$130.52	\$124.68	\$130.52	\$124.68	\$130.52	\$124.68	\$130.52
May-17	59362	\$8,341,026	\$140.51	\$140.51	\$131.64	\$140.51	\$131.64	\$140.51	\$131.64	\$140.51	\$131.64	\$140.51	\$131.64	\$140.51	\$131.64
Jun-17	59379	\$8,046,381	\$135.51	\$135.51	\$132.16	\$135.51	\$132.16	\$135.51	\$132.16	\$135.51	\$132.16	\$135.51	\$132.16	\$135.51	\$132.16
Jul-17 Aug-17	59380 59336	\$7,418,210 \$8,008,412	\$124.93 \$134.97	\$124.93 \$134.97	\$132.95 \$133.22										
Sep-17	58768	\$7,541,401	\$128.32	\$128.32	\$132.93	\$128.32	\$133.22	\$128.32	\$132.93	\$128.32	\$132.93	\$128.32	\$132.93	\$128.32	\$133.22
Oct-17	58735	\$8,575,299	\$146.00	\$146.00	\$133.98	\$146.00	\$133.98	\$146.00	\$133.98	\$146.00	\$133.98	\$146.00	\$133.98	\$146.00	\$133.98
Nov-17	58865	\$8,470,986	\$143.91	\$143.91	\$134.20	\$143.91	\$134.20	\$143.91	\$134.20	\$143.91	\$134.20	\$143.91	\$134.20	\$143.91	\$134.20
Dec-17	58792	\$8,031,257	\$136.60	\$136.60	\$133.96	\$136.60	\$133.96	\$136.60	\$133.96	\$136.60	\$133.96	\$136.60	\$133.96	\$136.60	\$133.96
Jan-18	56813 56466	\$8,501,872 \$7,870,378	\$149.65	\$149.65	\$135.12	\$149.65	\$135.12	\$149.65	\$135.12	\$149.65	\$135.12	\$149.65	\$135.12	\$149.65	\$135.12
Feb-18 Mar-18	56313	\$8,215,263	\$139.38 \$145.89	\$139.38 \$145.89	\$136.78 \$137.44										
Apr-18	56488	\$8,151,952	\$144.31	\$144.31	\$139.08	\$144.31	\$139.08	\$144.31	\$139.08	\$144.31	\$139.08	\$144.31	\$139.08	\$144.31	\$139.08
May-18	56688	\$8,647,029	\$152.54	\$152.54	\$140.05	\$152.54	\$140.05	\$152.54	\$140.05	\$152.54	\$140.05	\$152.54	\$140.05	\$152.54	\$140.05
Jun-18	56666	\$7,946,873	\$140.24	\$140.24	\$140.46	\$140.24	\$140.46	\$140.24	\$140.46	\$140.24	\$140.46	\$140.24	\$140.46	\$140.24	\$140.46
Jul-18	56666			\$132.60	\$141.15	\$132.57	\$141.14	\$133.40	\$141.21	\$133.36	\$141.21	\$142.71	\$141.98	\$142.81	\$141.98
Aug-18	56666 56666			\$144.15 \$138.87	\$141.93 \$142.84	\$144.11 \$138.83	\$141.92 \$142.83	\$144.22 \$139.45	\$142.00 \$142.96	\$144.18 \$139.41	\$141.99 \$142.95	\$143.57 \$144.43	\$142.71 \$144.09	\$143.67 \$144.53	\$142.73 \$144.11
Sep-18 Oct-18	56666			\$155.83	\$142.64	\$155.79	\$142.63	\$155.22	\$142.90	\$155.18	\$142.75	\$144.43	\$144.03	\$144.33	\$144.05
Nov-18	56666			\$155.18	\$144.58	\$155.14	\$144.56	\$154.67	\$144.61	\$154.63	\$144.59	\$146.15	\$144.21	\$146.25	\$144.25
Dec-18	56666			\$149.18	\$145.65	\$149.13	\$145.63	\$149.27	\$145.69	\$149.22	\$145.67	\$147.01	\$145.10	\$147.11	\$145.15
Jan-19	56666			\$160.44	\$146.55	\$160.39	\$146.53	\$159.63	\$146.52	\$159.59	\$146.50	\$147.86	\$144.95	\$147.97	\$145.01
Feb-19	56666			\$148.88	\$147.34	\$148.84	\$147.32	\$149.16	\$147.33	\$149.11	\$147.31	\$148.72	\$145.73	\$148.83	\$145.80
Mar-19	56666			\$158.16	\$148.37	\$158.10	\$148.33	\$157.75	\$148.32	\$157.69	\$148.29	\$149.57	\$146.03	\$149.69	\$146.11
Apr-19	56666			\$154.46	\$149.21	\$154.39	\$149.17	\$154.46	\$149.17	\$154.39	\$149.13	\$150.42	\$146.54	\$150.55	\$146.63
May-19	56666			\$164.40	\$150.20	\$164.31	\$150.15	\$163.62	\$150.09	\$163.54	\$150.05	\$151.28	\$146.44	\$151.41	\$146.54
Jun-19 Jul-19	56666 56666			\$152.43 \$143.48	\$151.22 \$152.12	\$152.34 \$143.35	\$151.16 \$152.06	\$152.77 \$145.34	\$151.14 \$152.13	\$152.68 \$145.20	\$151.08 \$152.07	\$152.13 \$152.98	\$147.43 \$148.28	\$152.27 \$153.13	\$147.54 \$148.40
Aug-19	56666			\$143.46	\$152.12	\$143.35 \$155.74	\$152.06	\$145.34 \$156.16	\$152.13	\$145.20 \$156.01	\$152.07 \$153.05	\$152.98	\$140.20 \$149.14	\$153.15	\$148.40
Sep-19	56666			\$150.11	\$154.04	\$149.95	\$153.96	\$151.39	\$154.12	\$151.23	\$154.04	\$154.68	\$149.99	\$154.84	\$150.12
Oct-19	56666			\$168.35	\$155.08	\$168.17	\$154.99	\$167.16	\$155.12	\$166.99	\$155.02	\$155.53	\$150.85	\$155.70	\$150.98
Nov-19	56666			\$167.57	\$156.11	\$167.37	\$156.01	\$166.62	\$156.11	\$166.43	\$156.01	\$156.37	\$151.70	\$156.56	\$151.84
Dec-19	56666			\$161.01	\$157.10	\$160.80	\$156.98	\$161.21	\$157.11	\$161.01	\$156.99	\$157.22	\$152.55	\$157.42	\$152.70
Jan-20	56666			\$173.08	\$158.15	\$172.85	\$158.02	\$171.58	\$158.10	\$171.36	\$157.97	\$158.07	\$153.40	\$158.28	\$153.56
Feb-20	56666			\$160.54	\$159.12	\$160.31	\$158.97	\$161.10	\$159.10	\$160.87	\$158.95	\$158.91	\$154.25	\$159.14	\$154.42
Mar-20	56666			\$170.46	\$160.15	\$170.20	\$159.98	\$169.69	\$160.09	\$169.44	\$159.93	\$159.75	\$155.10	\$160.00	\$155.27
Apr-20	56666			\$166.39	\$161.14	\$166.12	\$160.96	\$166.40	\$161.09	\$166.13	\$160.91	\$160.60	\$155.95	\$160.86	\$156.13
May-20	56666			\$177.02	\$162.19	\$176.70	\$161.99	\$175.56	\$162.08	\$175.26	\$161.88	\$161.44	\$156.79	\$161.72	\$156.99
Jun-20 Jul-20	56666 56666			\$164.06 \$154.35	\$163.16 \$164.07	\$163.74 \$154.00	\$162.94 \$163.83	\$164.72 \$157.29	\$163.08 \$164.07	\$164.39 \$156.91	\$162.86 \$163.84	\$162.28 \$163.12	\$157.64 \$158.48	\$162.58 \$163.44	\$157.85 \$158.71
Jul-20 Aug-20	56666			\$154.35 \$167.64	\$164.07 \$165.05	\$154.00 \$167.24	\$163.83 \$164.79	\$157.29 \$168.11	\$164.07 \$165.07	\$156.91 \$167.70	\$163.84 \$164.81	\$163.12 \$163.96	\$158.48 \$159.33	\$163.44 \$164.30	\$158.71 \$159.57
Sep-20	56666			\$161.35	\$165.99	\$160.94	\$165.70	\$163.33	\$165.07	\$162.90	\$165.78	\$164.80	\$160.17	\$165.16	\$160.43
Oct-20	56666			\$180.88	\$167.03	\$180.40	\$166.72	\$179.10	\$167.06	\$178.65	\$166.75	\$165.64	\$161.01	\$166.02	\$161.29
Nov-20	56666			\$179.96	\$168.06	\$179.46	\$167.73	\$178.56	\$168.05	\$178.08	\$167.73	\$166.48	\$161.86	\$166.88	\$162.15
Dec-20	56666			\$172.84	\$169.05	\$172.34	\$168.69	\$173.15	\$169.05	\$172.65	\$168.70	\$167.31	\$162.70	\$167.74	\$163.01
		Utilization Trend			7.71%		7.62%		7.71%		7.62%		6.07%		6.15%
		RMSE (root mean squ	ure err01)		6.94		6.95		6.86		6.86		7.86		7.85

Utilization Trend Calculation - Professional Claims - 48 Month Time Series

MEDICAL UTILIZATION TREND CALCULATION Utilization Trend Calculation - Professional Claims - 36 Month Time Series

	Adjusted Claims - Holt-Winters' Multiplicative Multiplicative Holt-Winters' Additive Additive Additive						ive	Damped Trend Non-Seasonal Smoothing							
Month	Membership	Normalized for Contract Changes	Adjusted PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM
Jul-15	64832	\$8,067,435	\$124.44	\$124.44		\$124.44		\$124.44		\$124.44		\$124.44		\$124.44	
Aug-15	64518	\$7,578,935	\$117.47	\$117.47		\$117.47		\$117.47		\$117.47		\$117.47		\$117.47	
Sep-15	64137	\$8,067,342	\$125.78	\$125.78		\$125.78		\$125.78		\$125.78		\$125.78		\$125.78	
Oct-15	64092	\$8,770,557	\$136.84	\$136.84		\$136.84		\$136.84		\$136.84		\$136.84		\$136.84	
Nov-15	64102	\$8,085,170	\$126.13	\$126.13		\$126.13		\$126.13		\$126.13		\$126.13		\$126.13	
Dec-15 Jan-16	64301 60146	\$8,686,176 \$7,293,193	\$135.09 \$121.26	\$135.09 \$121.26		\$135.09 \$121.26		\$135.09 \$121.26		\$135.09 \$121.26		\$135.09 \$121.26		\$135.09 \$121.26	
Feb-16	600140	\$7,256,131	\$120.90	\$121.20		\$120.90		\$120.90		\$120.90		\$121.20		\$120.90	
Mar-16	60007	\$8,081,974	\$134.68	\$134.68		\$134.68		\$134.68		\$134.68		\$134.68		\$134.68	
Apr-16	59837	\$7,254,320	\$121.23	\$121.23		\$121.23		\$121.23		\$121.23		\$121.23		\$121.23	
May-16	59314	\$7,538,418	\$127.09	\$127.09		\$127.09		\$127.09		\$127.09		\$127.09		\$127.09	
Jun-16	59091	\$7,645,080	\$129.38	\$129.38	\$126.71	\$129.38	\$126.71	\$129.38	\$126.71	\$129.38	\$126.71	\$129.38	\$126.71	\$129.38	\$126.71
Jul-16	58874	\$6,788,721	\$115.31	\$115.31	\$126.00	\$115.31	\$126.00	\$115.31	\$126.00	\$115.31	\$126.00	\$115.31	\$126.00	\$115.31	\$126.00
Aug-16	58734	\$7,735,390	\$131.70	\$131.70	\$127.21	\$131.70	\$127.21	\$131.70	\$127.21	\$131.70	\$127.21	\$131.70	\$127.21	\$131.70	\$127.21
Sep-16	58673	\$7,735,325	\$131.84	\$131.84	\$127.71	\$131.84	\$127.71	\$131.84	\$127.71	\$131.84	\$127.71	\$131.84	\$127.71	\$131.84	\$127.71
Oct-16 Nov-16	58843 58834	\$7,845,386 \$8,306,279	\$133.33 \$141.18	\$133.33 \$141.18	\$127.36 \$128.60	\$133.33 \$141.18	\$127.36 \$128.60	\$133.33 \$141.18	\$127.36 \$128.60	\$133.33 \$141.18	\$127.36 \$128.60	\$133.33 \$141.18	\$127.36 \$128.60	\$133.33 \$141.18	\$127.36 \$128.60
Dec-16	58349	\$8,148,370	\$139.65	\$139.65	\$128.00	\$139.65	\$128.00	\$139.65	\$128.00	\$139.65	\$128.00	\$139.65	\$128.92	\$139.65	\$128.92
Jan-17	59709	\$8,064,399	\$135.06	\$135.06	\$130.09	\$135.06	\$130.09	\$135.06	\$130.09	\$135.06	\$130.09	\$135.06	\$130.09	\$135.06	\$130.09
Feb-17	59577	\$7,122,674	\$119.55	\$119.55	\$129.98	\$119.55	\$129.98	\$119.55	\$129.98	\$119.55	\$129.98	\$119.55	\$129.98	\$119.55	\$129.98
Mar-17	59382	\$8,173,479	\$137.64	\$137.64	\$130.23	\$137.64	\$130.23	\$137.64	\$130.23	\$137.64	\$130.23	\$137.64	\$130.23	\$137.64	\$130.23
Apr-17	59297	\$7,393,366	\$124.68	\$124.68	\$130.52	\$124.68	\$130.52	\$124.68	\$130.52	\$124.68	\$130.52	\$124.68	\$130.52	\$124.68	\$130.52
May-17	59362	\$8,341,026	\$140.51	\$140.51	\$131.64	\$140.51	\$131.64	\$140.51	\$131.64	\$140.51	\$131.64	\$140.51	\$131.64	\$140.51	\$131.64
Jun-17	59379	\$8,046,381	\$135.51	\$135.51	\$132.16	\$135.51	\$132.16	\$135.51	\$132.16	\$135.51	\$132.16	\$135.51	\$132.16	\$135.51	\$132.16
Jul-17	59380	\$7,418,210	\$124.93	\$124.93	\$132.95	\$124.93	\$132.95	\$124.93	\$132.95	\$124.93	\$132.95	\$124.93	\$132.95	\$124.93	\$132.95
Aug-17 Sep-17	59336 58768	\$8,008,412 \$7,541,401	\$134.97 \$128.32	\$134.97 \$128.32	\$133.22 \$132.93	\$134.97 \$128.32	\$133.22 \$132.93	\$134.97 \$128.32	\$133.22 \$132.93	\$134.97 \$128.32	\$133.22 \$132.93	\$134.97 \$128.32	\$133.22 \$132.93	\$134.97 \$128.32	\$133.22 \$132.93
Oct-17	58735	\$8,575,299	\$126.32	\$146.00	\$132.93	\$146.00	\$132.93	\$126.32 \$146.00	\$132.93	\$146.00	\$132.95	\$126.32 \$146.00	\$132.93	\$146.00	\$132.93
Nov-17	58865	\$8,470,986	\$143.91	\$143.91	\$134.20	\$143.91	\$134.20	\$143.91	\$134.20	\$143.91	\$134.20	\$143.91	\$134.20	\$143.91	\$134.20
Dec-17	58792	\$8,031,257	\$136.60	\$136.60	\$133.96	\$136.60	\$133.96	\$136.60	\$133.96	\$136.60	\$133.96	\$136.60	\$133.96	\$136.60	\$133.96
Jan-18	56813	\$8,501,872	\$149.65	\$149.65	\$135.12	\$149.65	\$135.12	\$149.65	\$135.12	\$149.65	\$135.12	\$149.65	\$135.12	\$149.65	\$135.12
Feb-18	56466	\$7,870,378	\$139.38	\$139.38	\$136.78	\$139.38	\$136.78	\$139.38	\$136.78	\$139.38	\$136.78	\$139.38	\$136.78	\$139.38	\$136.78
Mar-18	56313	\$8,215,263	\$145.89	\$145.89	\$137.44	\$145.89	\$137.44	\$145.89	\$137.44	\$145.89	\$137.44	\$145.89	\$137.44	\$145.89	\$137.44
Apr-18	56488	\$8,151,952	\$144.31	\$144.31	\$139.08	\$144.31	\$139.08	\$144.31	\$139.08	\$144.31	\$139.08	\$144.31	\$139.08	\$144.31	\$139.08
May-18	56688	\$8,647,029	\$152.54	\$152.54	\$140.05	\$152.54	\$140.05	\$152.54	\$140.05	\$152.54	\$140.05	\$152.54	\$140.05	\$152.54	\$140.05
Jun-18 Jul-18	56666 56666	\$7,946,873	\$140.24	\$140.24	\$140.46	\$140.24	\$140.46	\$140.24	\$140.46	\$140.24	\$140.46	\$140.24 \$145.98	\$140.46	\$140.24	\$140.46
Aug-18	56666			\$135.10 \$144.92	\$141.35 \$142.20	\$135.05 \$144.87	\$141.35 \$142.19	\$136.06 \$145.01	\$141.43 \$142.28	\$136.26 \$144.53	\$141.45 \$142.26	\$145.96	\$142.24 \$143.27	\$146.03 \$147.19	\$142.25 \$143.28
Sep-18	56666			\$143.21	\$143.47	\$143.16	\$143.46	\$143.53	\$143.58	\$141.94	\$143.43	\$148.30	\$144.97	\$148.36	\$144.98
Oct-18	56666			\$157.56	\$144.42	\$157.49	\$144.40	\$156.63	\$144.45	\$154.40	\$144.11	\$149.45	\$145.25	\$149.52	\$145.27
Nov-18	56666			\$156.76	\$145.49	\$156.68	\$145.46	\$155.93	\$145.46	\$152.40	\$144.82	\$150.61	\$145.82	\$150.68	\$145.84
Dec-18	56666			\$154.38	\$147.00	\$154.30	\$146.97	\$153.83	\$146.92	\$149.04	\$145.88	\$151.76	\$147.11	\$151.84	\$147.14
Jan-19	56666			\$158.65	\$147.75	\$158.56	\$147.71	\$157.94	\$147.61	\$151.96	\$146.08	\$152.92	\$147.38	\$153.01	\$147.42
Feb-19	56666			\$148.03	\$148.47	\$147.94	\$148.42	\$148.67	\$148.38	\$140.30	\$146.15	\$154.07	\$148.60	\$154.17	\$148.65
Mar-19	56666			\$160.67	\$149.70	\$160.56	\$149.64	\$159.83	\$149.54	\$149.95	\$146.49	\$155.22	\$149.38	\$155.33	\$149.44
Apr-19	56666			\$153.18	\$150.44	\$153.07	\$150.37	\$153.52	\$150.31	\$142.63	\$146.35	\$156.37	\$150.38	\$156.49	\$150.45
May-19 Jun-19	56666 56666			\$164.27 \$155.83	\$151.41 \$152.71	\$164.13 \$155.69	\$151.34 \$152.63	\$163.35 \$155.88	\$151.21 \$152.52	\$151.03 \$142.69	\$146.22 \$146.43	\$157.52 \$158.67	\$150.80 \$152.33	\$157.65 \$158.82	\$150.88 \$152.42
Jul-19	56666			\$147.46	\$152.71	\$147.28	\$152.63	\$149.30	\$152.52	\$136.23	\$146.43 \$146.43	\$156.67 \$159.81	\$152.33	\$150.62	\$152.42 \$153.59
Aug-19	56666			\$158.08	\$154.84	\$157.88	\$154.73	\$158.25	\$154.72	\$144.52	\$146.42	\$160.96	\$154.64	\$161.14	\$154.75
Sep-19	56666			\$156.12	\$155.92	\$155.90	\$155.79	\$156.77	\$155.83	\$141.94	\$146.42	\$162.10	\$155.79	\$162.30	\$155.91
Oct-19	56666			\$171.65	\$157.09	\$171.40	\$156.95	\$169.87	\$156.93	\$154.40	\$146.42	\$163.25	\$156.94	\$163.46	\$157.07
Nov-19	56666			\$170.67	\$158.25	\$170.40	\$158.09	\$169.17	\$158.03	\$152.40	\$146.42	\$164.39	\$158.09	\$164.63	\$158.24
Dec-19	56666			\$167.99	\$159.38	\$167.70	\$159.21	\$167.07	\$159.14	\$149.04	\$146.42	\$165.53	\$159.23	\$165.79	\$159.40
Jan-20	56666			\$172.53	\$160.54	\$172.22	\$160.35	\$171.18	\$160.24	\$151.96	\$146.42	\$166.67	\$160.38	\$166.95	\$160.56
Feb-20	56666			\$160.88	\$161.61	\$160.57	\$161.40	\$161.91	\$161.34	\$140.30	\$146.42	\$167.81	\$161.53	\$168.11	\$161.72
Mar-20	56666			\$174.53	\$162.77	\$174.17	\$162.53	\$173.07	\$162.45	\$149.95	\$146.42	\$168.95	\$162.67	\$169.28	\$162.88
Apr-20	56666			\$166.30	\$163.86	\$165.93	\$163.61	\$166.76	\$163.55	\$142.63	\$146.42	\$170.08	\$163.81	\$170.44	\$164.05
May-20	56666			\$178.23	\$165.02	\$177.82	\$164.75	\$176.59	\$164.65	\$151.03	\$146.42	\$171.22	\$164.95	\$171.60	\$165.21
Jun-20	56666			\$168.98	\$166.12	\$168.56	\$165.82	\$169.12	\$165.76	\$142.69	\$146.42	\$172.35	\$166.09	\$172.76	\$166.37
Jul-20	56666			\$159.82	\$167.15	\$159.37	\$166.83	\$162.54	\$166.86	\$136.23	\$146.42	\$173.49	\$167.23	\$173.92	\$167.53
Aug-20	56666			\$171.24	\$168.25	\$170.73	\$167.90	\$171.49	\$167.96	\$144.52	\$146.42	\$174.62	\$168.37	\$175.09	\$168.69
Sep-20	56666			\$169.02	\$169.32	\$168.50	\$168.95	\$170.01	\$169.07	\$141.94	\$146.42	\$175.75	\$169.51	\$176.25	\$169.86
Oct-20	56666			\$185.74	\$170.49	\$185.13	\$170.09	\$183.11	\$170.17	\$154.40	\$146.42	\$176.88	\$170.65	\$177.41	\$171.02
Nov-20	56666			\$184.59	\$171.65	\$183.96	\$171.22	\$182.40	\$171.27	\$152.40	\$146.42	\$178.01	\$171.78	\$178.57	\$172.18
Dec-20	56666			\$181.59	\$172.79	\$180.94	\$172.33	\$180.31	\$172.37	\$149.04	\$146.42	\$179.13	\$172.91	\$179.74	\$173.34
						+ • • • • • •				+					
		Utilization Trend			8.66%		8.54%		8.55%		1.68%		8.69%		8.80%
		RMSE (root mean squ	are error)		7.7		7.71		7.6		8.16		7.22		7.21
		•													

MEDICAL UTILIZATION TREND CALCULATION

		Adjusted Claims -		Holt-Winters' M		n Trend Calcula Multipli		sional Claims - Holt-Winter		ime Series Addit	ive	Damped Trend	Non-Seasonal	Smoot	hing
Month	Membership	Normalized for Contract Changes	Adjusted PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM	Monthly PMPM	Rolling 12 PMPM
Jul-16	58874	\$6,788,721	\$115.31	\$115.31		\$115.31		\$115.31		\$115.31		\$115.31		\$115.31	
Aug-16	58734	\$7,735,390	\$131.70	\$131.70		\$131.70		\$131.70		\$131.70		\$131.70		\$131.70	
Sep-16	58673	\$7,735,325	\$131.84	\$131.84		\$131.84		\$131.84		\$131.84		\$131.84		\$131.84	
Oct-16	58843	\$7,845,386	\$133.33	\$133.33		\$133.33		\$133.33		\$133.33		\$133.33		\$133.33	
Nov-16	58834	\$8,306,279	\$141.18	\$141.18		\$141.18		\$141.18		\$141.18		\$141.18		\$141.18	
Dec-16	58349	\$8,148,370	\$139.65	\$139.65		\$139.65		\$139.65		\$139.65		\$139.65		\$139.65	
Jan-17	59709	\$8,064,399	\$135.06	\$135.06		\$135.06		\$135.06		\$135.06		\$135.06		\$135.06	
Feb-17	59577	\$7,122,674	\$119.55	\$119.55		\$119.55		\$119.55		\$119.55		\$119.55		\$119.55	
Mar-17	59382	\$8,173,479	\$137.64	\$137.64		\$137.64		\$137.64		\$137.64		\$137.64		\$137.64	
Apr-17	59297	\$7,393,366	\$124.68	\$124.68		\$124.68		\$124.68		\$124.68		\$124.68		\$124.68	
May-17	59362	\$8,341,026	\$140.51	\$140.51		\$140.51		\$140.51		\$140.51		\$140.51		\$140.51	
Jun-17	59379	\$8,046,381	\$135.51	\$135.51	\$132.16	\$135.51	\$132.16	\$135.51	\$132.16	\$135.51	\$132.16	\$135.51	\$132.14	\$135.51	\$132.14
Jul-17	59380	\$7,418,210	\$124.93	\$124.93	\$132.95	\$124.93	\$132.95	\$124.93	\$132.95	\$124.93	\$132.95	\$124.93	\$133.04	\$124.93	\$133.04
Aug-17	59336	\$8,008,412	\$134.97	\$134.97	\$133.22	\$134.97	\$133.22	\$134.97	\$133.22	\$134.97	\$133.22	\$134.97	\$133.31	\$134.97	\$133.31
Sep-17	58768	\$7,541,401	\$128.32	\$128.32	\$132.93	\$128.32	\$132.93	\$128.32	\$132.93	\$128.32	\$132.93	\$128.32	\$133.04	\$128.32	\$133.04
Oct-17	58735	\$8,575,299	\$146.00	\$146.00	\$133.98	\$146.00	\$133.98	\$146.00	\$133.98	\$146.00	\$133.98	\$146.00	\$134.07	\$146.00	\$134.07
Nov-17	58865	\$8,470,986	\$143.91	\$143.91	\$134.20	\$143.91	\$134.20	\$143.91	\$134.20	\$143.91	\$134.20	\$143.91	\$134.24	\$143.91	\$134.24
Dec-17	58792	\$8,031,257	\$136.60	\$136.60	\$133.96	\$136.60	\$133.96	\$136.60	\$133.96	\$136.60	\$133.96	\$136.60	\$133.95	\$136.60	\$133.95
Jan-18	56813	\$8,501,872	\$149.65	\$149.65	\$135.12	\$149.65	\$135.12	\$149.65	\$135.12	\$149.65	\$135.12	\$149.65	\$135.17	\$149.65	\$135.17
Feb-18	56466	\$7,870,378	\$139.38	\$139.38	\$136.78	\$139.38	\$136.78	\$139.38	\$136.78	\$139.38	\$136.78	\$139.38	\$136.85	\$139.38	\$136.85
Mar-18	56313	\$8,215,263	\$145.89	\$145.89	\$137.44	\$145.89	\$137.44	\$145.89	\$137.44	\$145.89	\$137.44	\$145.89	\$137.54	\$145.89	\$137.54
Apr-18	56488	\$8,151,952	\$144.31	\$144.31	\$139.08	\$144.31	\$139.08	\$144.31	\$139.08	\$144.31	\$139.08	\$144.31	\$139.19	\$144.31	\$139.19
May-18	56688	\$8,647,029	\$152.54	\$152.54	\$140.05	\$152.54	\$140.05	\$152.54	\$140.05	\$152.54	\$140.05	\$152.54	\$140.20	\$152.54	\$140.20
Jun-18	56666	\$7,946,873	\$140.24	\$140.24	\$140.46	\$140.24	\$140.46	\$140.24	\$140.46	\$140.24	\$140.46	\$140.24	\$140.59	\$140.24	\$140.59
Jul-18	56666			\$129.93	\$140.93	\$129.34	\$140.88	\$141.46	\$141.87	\$140.86	\$141.82	\$145.11	\$142.27	\$146.09	\$142.35
Aug-18	56666			\$150.03	\$142.19	\$149.06	\$142.06	\$152.31	\$143.33	\$151.63	\$143.22	\$144.88	\$143.09	\$146.74	\$143.33
Sep-18	56666			\$151.81	\$144.17	\$150.51	\$143.94	\$146.84	\$144.90	\$146.10	\$144.74	\$144.77	\$144.45	\$147.38	\$144.90
Oct-18	56666			\$155.25	\$144.93	\$153.50	\$144.55	\$164.99	\$146.47	\$163.76	\$146.20	\$144.73	\$144.35	\$148.03	\$145.07
Nov-18	56666			\$166.13	\$146.79	\$163.84	\$146.21	\$163.47	\$148.11	\$162.19	\$147.73	\$144.71	\$144.41	\$148.68	\$145.47
Dec-18	56666			\$166.06	\$149.27	\$163.31	\$148.47	\$157.25	\$149.87	\$155.87	\$149.37	\$144.70	\$145.08	\$149.32	\$146.51
Jan-19 Feb-19	56666 56666			\$162.35 \$145.22	\$150.33 \$150.82	\$159.14 \$141.88	\$149.26 \$149.47	\$170.71 \$160.02	\$151.62 \$153.34	\$168.79 \$157.73	\$150.97 \$152.50	\$144.70	\$144.66 \$145.11	\$149.97 \$150.61	\$146.53
Mar-19	56666			\$145.22 \$168.87	\$150.82	\$164.45	\$149.47 \$151.01	\$160.02	\$155.03	\$163.82	\$152.50	\$144.70 \$144.70	\$145.01	\$150.61	\$147.46 \$147.90
Apr-19	56666			\$154.56	\$152.73	\$164.45	\$151.01	\$163.72	\$155.03	\$160.87	\$155.37	\$144.70	\$145.01	\$151.20	\$147.90
May-19	56666			\$175.91	\$155.53	\$149.96	\$151.46	\$171.20	\$158.20	\$168.21	\$155.37	\$144.70	\$145.05 \$144.38	\$152.55	\$148.51 \$148.51
Jun-19	56666			\$171.32	\$158.12	\$164.99	\$155.00	\$158.92	\$159.76	\$155.80	\$157.97	\$144.70	\$144.76	\$153.19	\$149.60
Jul-19	56666			\$147.29	\$159.57	\$141.24	\$155.99	\$160.13	\$161.31	\$155.96	\$159.23	\$144.70	\$144.70	\$153.84	\$150.25
Aug-19	56666			\$169.85	\$161.22	\$162.23	\$155.09	\$170.98	\$162.87	\$166.48	\$160.47	\$144.70	\$144.71	\$154.48	\$150.20
Sep-19	56666			\$171.65	\$162.87	\$163.27	\$158.16	\$165.51	\$164.42	\$160.70	\$161.68	\$144.70	\$144.70	\$155.13	\$151.55
Oct-19	56666			\$175.31	\$164.54	\$166.00	\$159.20	\$183.66	\$165.98	\$178.10	\$162.88	\$144.70	\$144.70	\$155.77	\$152.21
Nov-19	56666			\$187.37	\$166.31	\$176.65	\$160.26	\$182.14	\$167.54	\$176.29	\$164.05	\$144.70	\$144.70	\$156.42	\$152.86
Dec-19	56666			\$187.07	\$168.06	\$175.58	\$161.29	\$175.92	\$169.09	\$169.72	\$165.21	\$144.70	\$144.70	\$157.06	\$153.52
Jan-20	56666			\$182.67	\$169.76	\$170.63	\$162.24	\$189.38	\$170.65	\$182.40	\$166.34	\$144.70	\$144.70	\$157.71	\$154.16
Feb-20	56666			\$163.22	\$171.26	\$151.73	\$163.07	\$178.69	\$172.20	\$171.10	\$167.45	\$144.70	\$144.70	\$158.36	\$154.81
Mar-20	56666			\$189.58	\$172.98	\$175.43	\$163.98	\$184.86	\$173.76	\$176.97	\$168.55	\$144.70	\$144.70	\$159.00	\$155.45
Apr-20	56666			\$173.33	\$174.55	\$159.59	\$164.78	\$182.39	\$175.32	\$173.79	\$169.63	\$144.70	\$144.70	\$159.65	\$156.10
May-20	56666			\$197.05	\$176.31	\$180.56	\$165.66	\$189.87	\$176.87	\$180.91	\$170.69	\$144.70	\$144.70	\$160.29	\$156.74
Jun-20	56666			\$191.70	\$178.01	\$174.80	\$166.48	\$177.58	\$178.43	\$168.29	\$171.73	\$144.70	\$144.70	\$160.94	\$157.39
Jul-20	56666			\$164.64	\$179.45	\$149.33	\$167.15	\$178.79	\$179.98	\$168.23	\$172.75	\$144.70	\$144.70	\$161.58	\$158.03
Aug-20	56666			\$189.67	\$181.11	\$171.17	\$167.90	\$189.64	\$181.54	\$178.54	\$173.75	\$144.70	\$144.70	\$162.23	\$158.68
Sep-20	56666			\$191.49	\$182.76	\$171.94	\$168.62	\$184.18	\$183.09	\$172.55	\$174.74	\$144.70	\$144.70	\$162.87	\$159.32
Oct-20	56666			\$195.38	\$184.43	\$174.49	\$169.33	\$202.32	\$184.65	\$189.74	\$175.71	\$144.70	\$144.70	\$163.52	\$159.97
Nov-20	56666			\$208.62	\$186.20	\$185.35	\$170.05	\$200.80	\$186.20	\$187.73	\$176.66	\$144.70	\$144.70	\$164.16	\$160.61
Dec-20	56666			\$208.08	\$187.95	\$183.91	\$170.74	\$194.58	\$187.76	\$180.97	\$177.60	\$144.70	\$144.70	\$164.81	\$161.26
		Utilization Trend			12,38%		8,14%		12,33%		9.86%		1.16%		5.65%
		RMSE (root mean squ	are error)		8.31		8.3		0.81		8.1		8.83		8.82

MEDICAL UTILIZATION TREND CALCULATION INDUCED UTILIZATION

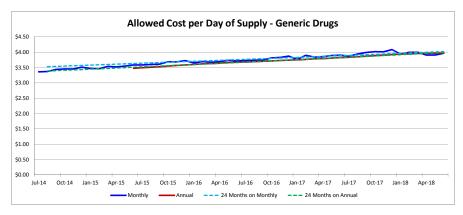
Average Paid InducedAverage Paid InducedNormalization Factor for InducedMonthRatioFactorInduced InducedJul-150.74681.0509Aug-150.74621.0506Sep-150.74611.0506Oct-150.74511.0501Nov-150.74461.0498Dec-150.74381.0494Jan-160.74271.0489May-160.74211.0486Jun-160.74211.0486Jun-160.74221.0487May-160.74221.0487Jul-160.74221.0487Jul-160.74211.0486Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-170.74131.0492Jun-160.74211.0483Jun-170.74151.0483Jun-170.74151.0483Oct-160.74261.0494Jun-170.74131.0482Oct-170.74131.0482Jun-170.74151.0483Jun-170.74151.0483Jun-170.74151.0483Jun-170.74151.0483Jun-170.74151.0484Op994Jun-17Jun-170.74151.0483Jun-170.74151.0483Jun-17				1
to Allowed RatioUtilization FactorInduced UtilizationJul-150.74681.0509Aug-150.74621.0506Sep-150.74611.0506Oct-150.74511.0501Nov-150.74461.0498Dec-150.74381.0494Jan-160.74291.0495Feb-160.74271.0488Apr-160.74211.0486Jun-160.74221.0486Jun-160.74221.0487Oct-160.74221.0487Jul-160.74221.0487Jul-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0487Jun-160.74221.0483Jun-170.74131.0482Oct-160.74221.0487Oct-160.74131.0482Oct-170.74151.0483Jun-170.74151.0483Jun-170.74071.0479Jun-170.74071.0479Jun-170.74151.0483Jun-170.74151.0483Jun-170.74151.0484Jun-170.74151.0484Op999Jun-170			-	Normalization
MonthRatioFactorUtilizationJul-150.74681.0509Aug-150.74621.0506Sep-150.74611.0506Oct-150.74511.0501Nov-150.74461.0498Dec-150.74381.0494Jan-160.74291.0490Mar-160.74271.0486Jun-160.74211.0486Jun-160.74221.0486Jul-160.74211.0486Jul-160.74221.04870.9975Aug-160.74221.04870.9981Sep-160.74221.04870.9981Sep-160.74221.04870.9987Nov-160.74331.04920.99940.002Dec-160.74331.04830.9999Jan-170.74151.04830.9999Jan-170.74131.04820.9992Mar-170.74131.04820.9992Mar-170.74151.04830.9995Apr-170.74151.04830.9995Jun-170.74151.04830.9991Jun-170.74151.04830.9992Jul-170.74151.04830.9998Sep-170.74161.04840.9996Oct-170.74281.04910.9999Jan-180.74181.04810.9999Jan-180.7418 <t< td=""><td></td><td>-</td><td></td><td></td></t<>		-		
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Jan-160.74391.0495Feb-160.74291.0490Mar-160.74251.0488Apr-160.74271.0489May-160.74211.0486Jun-160.74221.0486Jul-160.74141.04830.9975Aug-160.74221.04870.9981Sep-160.74221.04870.9981Sep-160.74221.04870.9987Nov-160.74221.04870.9987Nov-160.74331.04920.9994Dec-160.74361.04940.9999Jan-170.74151.04830.9989Feb-170.74131.04820.9992Mar-170.74151.04830.9995Apr-170.74131.04820.9994May-170.74151.04790.9993Jun-170.74071.04790.9992Jul-170.74151.04831.0000Aug-170.74161.04840.9996Oct-170.74181.04850.9998Sep-170.74161.04840.9996Oct-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9899May-180.73921.04720.9989	Nov-15	0.7446	1.0498	
Feb-160.74291.0490Mar-160.74251.0488Apr-160.74271.0489May-160.74211.0486Jun-160.74221.0486Jul-160.74141.04830.9975Aug-160.74221.04870.9981Sep-160.74251.04870.9987Nov-160.74221.04870.9987Nov-160.74331.04920.9994Dec-160.74361.04940.9999Jan-170.74151.04830.9989Feb-170.74131.04820.9992Mar-170.74151.04830.9995Apr-170.74151.04790.9993Jun-170.74071.04790.9993Jun-170.74151.04831.0000Aug-170.74161.04840.9996Oct-170.74181.04850.9998Sep-170.74161.04840.9996Oct-170.74321.04910.9999Jun-170.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9889Apr-180.73921.04720.9989May-180.73921.04720.9993	Dec-15	0.7438	1.0494	
Mar-16 0.7425 1.0488 Apr-16 0.7427 1.0489 May-16 0.7421 1.0486 Jun-16 0.7422 1.0486 Jul-16 0.7422 1.0487 0.9975 Aug-16 0.7422 1.0487 0.9981 Sep-16 0.7422 1.0487 0.9983 Oct-16 0.7422 1.0487 0.9987 Nov-16 0.7433 1.0492 0.9994 Dec-16 0.7436 1.0494 0.9999 Jan-17 0.7415 1.0483 0.9989 Feb-17 0.7413 1.0482 0.9992 Mar-17 0.7415 1.0483 0.9995 Apr-17 0.7413 1.0482 0.9994 May-17 0.7415 1.0483 0.9995 Apr-17 0.7415 1.0483 0.9994 May-17 0.7415 1.0479 0.9993 Jun-17 0.7407 1.0479 0.9992 Jul-17 0.7415 1.0483 1.0000 Aug-17 0.7416 1.0484 0.99	Jan-16	0.7439	1.0495	
Apr-160.74271.0489May-160.74211.0486Jun-160.74221.0486Jul-160.74141.04830.9975Aug-160.74221.04870.9981Sep-160.74251.04870.9983Oct-160.74221.04870.9987Nov-160.74331.04920.9994Dec-160.74361.04940.9999Jan-170.74151.04830.9989Feb-170.74151.04830.9992Mar-170.74151.04830.9995Apr-170.74151.04830.9995Apr-170.74151.04830.9995Jun-170.74071.04790.9992Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74161.04840.9996Oct-170.74181.04850.9998Sep-170.74161.04840.9996Oct-170.74281.04910.9999Dec-170.74321.04920.9998Jan-180.74181.04851.0001Feb-180.74101.04720.9989Mar-180.73921.04720.9989May-180.73921.04720.9993	Feb-16	0.7429	1.0490	
May-160.74211.0486Jun-160.74221.0486Jul-160.74141.04830.9975Aug-160.74221.04870.9981Sep-160.74251.04880.9983Oct-160.74221.04870.9987Nov-160.74331.04920.9994Dec-160.74361.04940.9999Jan-170.74151.04830.9989Feb-170.74131.04820.9992Mar-170.74151.04830.9995Apr-170.74151.04830.9995Jun-170.74071.04790.9993Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74161.04840.9996Oct-170.74181.04850.9998Sep-170.74161.04840.9996Oct-170.74321.04910.9999Dec-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74101.04810.9999Mar-180.73921.04720.9989May-180.73921.04720.9989	Mar-16	0.7425	1.0488	
Jun-160.74221.0486Jul-160.74141.04830.9975Aug-160.74221.04870.9981Sep-160.74251.04870.9983Oct-160.74221.04870.9987Nov-160.74331.04920.9994Dec-160.74361.04940.9999Jan-170.74151.04830.9989Feb-170.74151.04830.9992Mar-170.74151.04830.9995Apr-170.74131.04820.9994May-170.74071.04790.9993Jun-170.74071.04790.9993Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74151.04831.0000Aug-170.74161.04840.9996Oct-170.74121.04910.9993Jun-170.74281.04910.9999Dec-170.74321.04920.9998Sep-170.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989May-180.73921.04720.9989	Apr-16	0.7427	1.0489	
Jul-160.74141.04830.9975Aug-160.74221.04870.9981Sep-160.74251.04870.9983Oct-160.74221.04870.9987Nov-160.74331.04920.9994Dec-160.74361.04940.9999Jan-170.74151.04830.9989Feb-170.74151.04830.9992Mar-170.74151.04830.9995Apr-170.74131.04820.9994May-170.74131.04820.9994May-170.74071.04790.9993Jul-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74151.04830.000Aug-170.74151.04850.9998Sep-170.74161.04840.9996Oct-170.74281.04910.9999Dec-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989May-180.73921.04720.9993	May-16	0.7421	1.0486	
Aug-160.74221.04870.9981Sep-160.74251.04880.9983Oct-160.74221.04870.9987Nov-160.74331.04920.9994Dec-160.74361.04940.9999Jan-170.74151.04830.9989Feb-170.74151.04830.9992Mar-170.74151.04830.9995Apr-170.74131.04820.9994May-170.74071.04790.9993Jun-170.74051.04790.9993Jun-170.74151.04831.0000Aug-170.74161.04840.9996Oct-170.74181.04850.9998Sep-170.74161.04840.9996Oct-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74101.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989May-180.73921.04720.9993	Jun-16	0.7422	1.0486	
Sep-160.74251.04880.9983Oct-160.74221.04870.9987Nov-160.74331.04920.9994Dec-160.74361.04940.9999Jan-170.74151.04830.9989Feb-170.74151.04830.9992Mar-170.74151.04830.9995Apr-170.74151.04830.9995Apr-170.74151.04820.9994May-170.74071.04790.9993Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74151.04831.0000Aug-170.74161.04840.9996Oct-170.74181.04850.9998Sep-170.74161.04840.9996Oct-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989May-180.73921.04720.9993	Jul-16	0.7414	1.0483	0.9975
Oct-160.74221.04870.9987Nov-160.74331.04920.9994Dec-160.74361.04940.9999Jan-170.74151.04830.9989Feb-170.74131.04820.9992Mar-170.74151.04830.9995Apr-170.74131.04820.9994May-170.74131.04820.9994May-170.74071.04790.9993Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74161.04840.9996Oct-170.74181.04850.9998Sep-170.74161.04840.9996Oct-170.74321.04910.9999Dec-170.74321.04910.9999Mar-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73921.04720.9993	Aug-16	0.7422	1.0487	0.9981
Nov-160.74331.04920.9994Dec-160.74361.04940.9999Jan-170.74151.04830.9989Feb-170.74131.04820.9992Mar-170.74151.04830.9995Apr-170.74131.04820.9994May-170.74071.04790.9993Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74161.04840.9996Oct-170.74181.04850.9998Sep-170.74161.04840.9996Oct-170.74281.04910.9999Dec-170.74321.04920.9998Jan-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73921.04720.9993	Sep-16	0.7425	1.0488	0.9983
Dec-160.74361.04940.9999Jan-170.74151.04830.9989Feb-170.74131.04820.9992Mar-170.74151.04830.9995Apr-170.74131.04820.9994May-170.74071.04790.9993Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74151.04831.0000Aug-170.74161.04840.9996Oct-170.74281.04910.9999Dec-170.74321.04910.9999Dec-170.74321.04910.9999Jan-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73921.04720.9993	Oct-16	0.7422	1.0487	0.9987
Jan-170.74151.04830.9989Feb-170.74131.04820.9992Mar-170.74151.04830.9995Apr-170.74131.04820.9994May-170.74071.04790.9993Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74161.04840.9996Oct-170.74161.04840.9996Oct-170.74281.04910.9999Dec-170.74321.04910.9999Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73921.04720.9993	Nov-16	0.7433	1.0492	0.9994
Feb-170.74131.04820.9992Mar-170.74151.04830.9995Apr-170.74131.04820.9994May-170.74071.04790.9993Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74161.04850.9998Sep-170.74161.04840.9996Oct-170.74281.04910.9999Dec-170.74321.04910.9999Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73921.04720.9993	Dec-16	0.7436	1.0494	0.9999
Mar-170.74151.04830.9995Apr-170.74131.04820.9994May-170.74071.04790.9993Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74191.04850.9998Sep-170.74161.04840.9996Oct-170.74281.04910.9999Dec-170.74321.04910.9999Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989May-180.73921.04720.9993	Jan-17	0.7415	1.0483	0.9989
Apr-170.74131.04820.9994May-170.74071.04790.9993Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74191.04850.9998Sep-170.74161.04840.9996Oct-170.74281.04891.0002Nov-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73921.04720.9993	Feb-17	0.7413	1.0482	0.9992
May-170.74071.04790.9993Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74191.04850.9998Sep-170.74161.04840.9996Oct-170.74281.04991.0002Nov-170.74321.04910.9999Dec-170.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73921.04720.9993	Mar-17	0.7415	1.0483	0.9995
Jun-170.74051.04790.9992Jul-170.74151.04831.0000Aug-170.74191.04850.9998Sep-170.74161.04840.9996Oct-170.74281.04891.0002Nov-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74181.04851.0001Feb-180.73921.04720.9989Apr-180.73881.04700.9989May-180.73921.04720.9993	Apr-17	0.7413	1.0482	0.9994
Jul-170.74151.04831.0000Aug-170.74191.04850.9998Sep-170.74161.04840.9996Oct-170.74281.04891.0002Nov-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73921.04720.9993	May-17	0.7407	1.0479	0.9993
Aug-170.74191.04850.9998Sep-170.74161.04840.9996Oct-170.74281.04891.0002Nov-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73921.04720.9989May-180.73921.04720.9993	Jun-17	0.7405	1.0479	0.9992
Sep-170.74161.04840.9996Oct-170.74281.04891.0002Nov-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73921.04720.9989May-180.73921.04720.9993	Jul-17	0.7415	1.0483	1.0000
Oct-170.74281.04891.0002Nov-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9889Apr-180.73881.04700.9989May-180.73921.04720.9993	Aug-17	0.7419	1.0485	0.9998
Nov-170.74321.04910.9999Dec-170.74321.04920.9998Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73881.04700.9989May-180.73921.04720.9993	Sep-17	0.7416	1.0484	0.9996
Dec-170.74321.04920.9998Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73881.04700.9989May-180.73921.04720.9993	Oct-17	0.7428	1.0489	1.0002
Jan-180.74181.04851.0001Feb-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73881.04700.9989May-180.73921.04720.9993	Nov-17	0.7432	1.0491	0.9999
Feb-180.74101.04810.9999Mar-180.73921.04720.9989Apr-180.73881.04700.9989May-180.73921.04720.9993	Dec-17	0.7432	1.0492	0.9998
Mar-180.73921.04720.9989Apr-180.73881.04700.9989May-180.73921.04720.9993	Jan-18	0.7418	1.0485	1.0001
Apr-180.73881.04700.9989May-180.73921.04720.9993	Feb-18	0.7410	1.0481	0.9999
May-18 0.7392 1.0472 0.9993	Mar-18	0.7392	1.0472	0.9989
-	Apr-18	0.7388	1.0470	0.9989
Jun-18 0.7384 1.0468 0.9990	May-18	0.7392	1.0472	0.9993
	Jun-18	0.7384	1.0468	0.9990

PHARMACY TREND DEVELOPMENT FOR ESI CLAIMS

GENERIC DRUGS - COST TREND

[MONTHLY	' DATA			ROLLIN		EXPONENTIAL FIT		
						Adjusted				
Incurred				Monthly		Allowed		Rolling 12	Monthly	Rolling 12
Date	Supply	AWP Cost	Cost/ Supply	Cost Trend	Supply	Charge	Cost/ Supply	Cost Trend	Data	Data
Jul-14	1,724,297	\$5,792,151	\$3.36							
Aug-14	1,697,228	\$5,721,030	\$3.37						\$3.53	\$3.39
Sep-14	1,707,011	\$5,862,171	\$3.43						\$3.54	\$3.40
Oct-14	1,725,951	\$5,954,323	\$3.45						\$3.55	\$3.41
Nov-14	1,577,712	\$5,445,292	\$3.45						\$3.56	\$3.42
Dec-14	1,836,771	\$6,444,728	\$3.51						\$3.57	\$3.44
Jan-15	1,611,665	\$5,585,384	\$3.47						\$3.58	\$3.45
Feb-15	1,531,999	\$5,299,187	\$3.46						\$3.59	\$3.46
Mar-15	1,709,914	\$6,044,404	\$3.53						\$3.60	\$3.47
Apr-15	1,634,473	\$5,751,287	\$3.52						\$3.61	\$3.49
May-15	1,651,229	\$5,851,957	\$3.54						\$3.62	\$3.50
Jun-15	1,678,870	\$6,010,815	\$3.58		20,087,120	\$69,762,728	\$3.47		\$3.63	\$3.51
Jul-15	1,660,082	\$5,945,565	\$3.58	6.6%	20,022,905	\$69,916,142	\$3.49		\$3.64	\$3.52
Aug-15	1,646,622	\$5,927,363	\$3.60	6.8%	19,972,299	\$70,122,476	\$3.51		\$3.65	\$3.54
Sep-15	1,636,840	\$5,907,213	\$3.61	5.1%	19,902,128	\$70,167,518	\$3.53		\$3.66	\$3.55
Oct-15	1,681,132	\$6,200,257	\$3.69	6.9%	19,857,309	\$70,413,453	\$3.55		\$3.67	\$3.56
Nov-15	1,625,630	\$5,984,971	\$3.68	6.7%	19,905,227	\$70,953,131	\$3.56		\$3.68	\$3.57
Dec-15	1,825,704	\$6,800,569	\$3.72	6.2%	19,894,160	\$71,308,973	\$3.58		\$3.69	\$3.59
Jan-16	1,517,600	\$5,538,461	\$3.65	5.3%	19,800,095	\$71,262,050	\$3.60		\$3.70	\$3.60
Feb-16	1,513,939	\$5,588,073	\$3.69	6.7%	19,782,034	\$71,550,936	\$3.62		\$3.72	\$3.61
Mar-16	1,651,275	\$6,066,494	\$3.67	3.9%	19,723,395	\$71,573,026	\$3.63		\$3.72	\$3.62
Apr-16	1,538,992	\$5,685,341	\$3.69	5.0%	19,627,914	\$71,507,080	\$3.64		\$3.74	\$3.64
May-16	1,568,788	\$5,853,950	\$3.73	5.3%	19,545,473	\$71,509,073	\$3.66		\$3.74	\$3.65
Jun-16		\$5,919,413	\$3.73	3.8%	19,459,844		\$3.67		\$3.75	\$3.66
Jul-16 Jul-16	1,593,241			3.0% 4.1%		\$71,417,671	\$3.67		\$3.76 \$3.77	
	1,535,004	\$5,725,224	\$3.73		19,334,766	\$71,197,329			\$3.77	\$3.68
Aug-16	1,615,645	\$6,031,635	\$3.73	3.7%	19,303,789	\$71,301,601	\$3.69			\$3.69
Sep-16	1,572,877	\$5,881,774	\$3.74	3.6%	19,239,826	\$71,276,161	\$3.70		\$3.79	\$3.70
Oct-16	1,600,897	\$6,106,775	\$3.81	3.4%	19,159,591	\$71,182,680	\$3.72		\$3.80	\$3.72
Nov-16	1,602,524	\$6,132,064	\$3.83	3.9%	19,136,485	\$71,329,773	\$3.73		\$3.81	\$3.73
Dec-16	1,703,904	\$6,593,538	\$3.87	3.9%	19,014,685	\$71,122,741	\$3.74		\$3.82	\$3.74
Jan-17	1,570,882	\$5,909,687	\$3.76	3.1%	19,067,967	\$71,493,968	\$3.75		\$3.83	\$3.76
Feb-17	1,401,662	\$5,461,730	\$3.90	5.6%	18,955,691	\$71,367,625	\$3.76		\$3.84	\$3.77
Mar-17	1,592,032	\$6,109,548	\$3.84	4.5%	18,896,448	\$71,410,679	\$3.78		\$3.85	\$3.78
Apr-17	1,470,567	\$5,666,834	\$3.85	4.3%	18,828,023	\$71,392,172	\$3.79		\$3.87	\$3.80
May-17	1,598,969	\$6,224,990	\$3.89	4.3%	18,858,204	\$71,763,211	\$3.81		\$3.88	\$3.81
Jun-17	1,520,633	\$5,931,593	\$3.90	5.0%	18,785,596	\$71,775,392	\$3.82		\$3.89	\$3.82
Jul-17	1,500,788	\$5,804,769	\$3.87	3.7%	18,751,380	\$71,854,937	\$3.83		\$3.90	\$3.84
Aug-17	1,591,668	\$6,263,601	\$3.94	5.4%	18,727,403	\$72,086,903	\$3.85		\$3.91	\$3.85
Sep-17	1,441,307	\$5,751,254	\$3.99	6.7%	18,595,833	\$71,956,383	\$3.87		\$3.92	\$3.86
Oct-17	1,578,584	\$6,336,932	\$4.01	5.2%	18,573,520	\$72,186,540	\$3.89		\$3.93	\$3.88
Nov-17	1,557,950	\$6,244,519	\$4.01	4.7%	18,528,946	\$72,298,994	\$3.90		\$3.94	\$3.89
Dec-17	1,575,839	\$6,432,571	\$4.08	5.5%	18,400,881	\$72,138,027	\$3.92		\$3.95	\$3.91
Jan-18	1,523,078	\$5,996,292	\$3.94	4.7%	18,353,077	\$72,224,632	\$3.94		\$3.97	\$3.92
Feb-18	1,345,288	\$5,373,041	\$3.99	2.5%	18,296,703	\$72,135,942	\$3.94		\$3.98	\$3.93
Mar-18	1,511,374	\$6,037,603	\$3.99	4.1%	18,216,045	\$72,063,997	\$3.96		\$3.99	\$3.95
Apr-18	1,454,238	\$5,681,118	\$3.91	1.4%	18,199,716	\$72,078,281	\$3.96		\$4.00	\$3.96
May-18	1,538,057	\$6,008,999	\$3.91	0.4%	18,138,804	\$71,862,291	\$3.96		\$4.01	\$3.98
Jun-18	1,439,073	\$5,707,238	\$3.97	1.7%	18,057,244	\$71,637,935	\$3.97		\$4.02	\$3.99
	, ,	, . ,			.,,	. , ,				

Exponential Trend: 3.5% 4.4%



Regressions

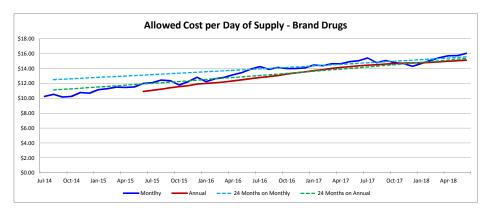
24 Months	on Monthly	24 Month	is on Annual
1.000	0.071	1.000	0.025
0.000	0.616	0.000	0.093
0.657	0.015	0.993	0.002
42.110	22.000	2911.470	22.000

PHARMACY TREND DEVELOPMENT FOR ESI CLAIMS

BRAND DRUGS - COST TREND

[MONTHL	Y DATA			ROLLIN		EXPONENTIAL FIT		
						Adjusted				
Incurred				Monthly		Allowed		Rolling 12	Monthly	Rolling 12
Date	Supply	AWP Cost	Cost/ Supply	Cost Trend	Supply	Charge	Cost/ Supply	Cost Trend	Data	Data
Jul-14	238,294	\$2,444,259	\$10.26							
Aug-14	234,067	\$2,467,530	\$10.54						\$12.53	\$11.14
Sep-14	248,819	\$2,530,158	\$10.17						\$12.59	\$11.22
Oct-14	264,758	\$2,715,741	\$10.26						\$12.65	\$11.30
Nov-14	224,981	\$2,426,272	\$10.78						\$12.71	\$11.38
Dec-14	286,017	\$3,057,519	\$10.69						\$12.77	\$11.46
Jan-15	215,258	\$2,406,014	\$11.18						\$12.83	\$11.54
Feb-15	201,691	\$2,279,058	\$11.30						\$12.89	\$11.62
Mar-15	222,067	\$2,555,934	\$11.51						\$12.95	\$11.70
Apr-15	223,301	\$2,559,870	\$11.46		2,359,253	\$25,442,356			\$13.01	\$11.78
May-15	212,357	\$2,450,167	\$11.54		2,571,610	\$27,892,523			\$13.07	\$11.86
Jun-15	221,206	\$2,655,786	\$12.01		2,792,816	\$30,548,309	\$10.94		\$13.13	\$11.95
Jul-15	215,911	\$2,617,113	\$12.12	18.2%	2,770,433	\$30,721,163	\$11.09		\$13.20	\$12.03
Aug-15	216,045	\$2,689,248	\$12.45	18.1%	2,752,411	\$30,942,882	\$11.24		\$13.26	\$12.11
Sep-15	217,572	\$2,692,135	\$12.37	21.7%	2,721,164	\$31,104,858	\$11.43		\$13.32	\$12.20
Oct-15	236,353	\$2,784,997	\$11.78	14.9%	2,692,759	\$31,174,114	\$11.58		\$13.39	\$12.29
Nov-15	221,286	\$2,711,487	\$12.25	13.6%	2,689,064	\$31,459,329	\$11.70		\$13.45	\$12.37
Dec-15	263,578	\$3,379,104	\$12.82	19.9%	2,666,625	\$31,780,914	\$11.92		\$13.51	\$12.46
Jan-16	194,224	\$2,377,462	\$12.24	9.5%	2,645,591	\$31,752,361	\$12.00		\$13.58	\$12.55
Feb-16	186,249	\$2,352,111	\$12.63	11.8%	2,630,150	\$31,825,414	\$12.10		\$13.65	\$12.64
Mar-16	220,453	\$2,825,358	\$12.82	11.4%	2,628,536	\$32,094,838	\$12.21		\$13.71	\$12.72
Apr-16	195,440	\$2,574,533	\$13.17	14.9%	2,600,675	\$32,109,501	\$12.35		\$13.77	\$12.81
May-16	191,506	\$2,581,073	\$13.48	16.8%	2,579,824	\$32,240,407	\$12.50		\$13.84	\$12.90
Jun-16	188,740	\$2,631,011	\$13.94	16.1%	2,547,358	\$32,215,631	\$12.65	15.6%	\$13.91	\$13.00
Jul-16	180,256	\$2,570,343	\$14.26	17.6%	2,511,703	\$32,168,860	\$12.81	15.5%	\$13.97	\$13.09
Aug-16	194,136	\$2,697,463	\$13.89	11.6%	2,489,794	\$32,177,075	\$12.92	15.0%	\$14.04	\$13.18
Sep-16	195,589	\$2,770,587	\$14.17	14.5%	2,467,811	\$32,255,527	\$13.07	14.3%	\$14.11	\$13.27
Oct-16	196,162	\$2,746,012	\$14.00	18.8%	2,427,620	\$32,216,543	\$13.27	14.6%	\$14.17	\$13.37
Nov-16	196,321	\$2,750,344	\$14.01	14.3%	2,402,655	\$32,255,399	\$13.42	14.8%	\$14.24	\$13.46
Dec-16	216,500	\$3,049,453	\$14.09	9.9%	2,355,577	\$31,925,748	\$13.55	13.7%	\$14.31	\$13.56
Jan-17	170,921	\$2,474,801	\$14.48	18.3%	2,332,273	\$32,023,087	\$13.73	14.4%	\$14.38	\$13.65
Feb-17	155,290	\$2,234,637	\$14.39	13.9%	2,301,314	\$31,905,613	\$13.86	14.6%	\$14.45	\$13.75
Mar-17	182,234	\$2,669,738	\$14.65	14.3%	2,263,095	\$31,749,994	\$14.03	14.9%	\$14.51	\$13.84
Apr-17	162,847	\$2,386,306	\$14.65	11.2%	2,230,502	\$31,561,766	\$14.15	14.6%	\$14.58	\$13.94
May-17	178,096	\$2,660,896	\$14.94	10.9%	2,217,092	\$31,641,590	\$14.27	14.2%	\$14.65	\$14.04
Jun-17	167,506	\$2,523,871	\$15.07	8.1%	2,195,858	\$31,534,450	\$14.36	13.6%	\$14.72	\$14.14
Jul-17	166,323	\$2,564,095	\$15.42	8.1%	2,181,925	\$31,528,202	\$14.45	12.8%	\$14.79	\$14.23
Aug-17	174,252	\$2,577,462	\$14.79	6.5%	2,162,041	\$31,408,201	\$14.53	12.4%	\$14.86	\$14.34
Sep-17	161,337	\$2,433,615	\$15.08	6.5%	2,127,789	\$31,071,229	\$14.60	11.7%	\$14.93	\$14.44
Oct-17	187,550	\$2,775,232	\$14.80	5.7%	2,119,177	\$31,100,449	\$14.68	10.6%	\$15.00	\$14.54
Nov-17	182,601	\$2,679,668	\$14.67	4.8%	2,105,457	\$31,029,773	\$14.74	9.8%	\$15.08	\$14.64
Dec-17	194,889	\$2,788,804	\$14.31	1.6%	2,083,846	\$30,769,125	\$14.77	8.9%	\$15.15	\$14.74
Jan-18	157,629	\$2,314,443	\$14.68	1.4%	2,070,554	\$30,608,767	\$14.78	7.7%	\$15.22	\$14.85
Feb-18	144,117	\$2,177,470	\$15.11	5.0%	2,059,381	\$30,551,600	\$14.84	7.0%	\$15.29	\$14.96
Mar-18	163,033	\$2,520,289	\$15.46	5.5%	2,040,180	\$30,402,151	\$14.90	6.2%	\$15.36	\$15.05
Apr-18	159,718	\$2,511,117	\$15.72	7.3%	2,037,051	\$30,526,962	\$14.99	5.9%	\$15.44	\$15.16
May-18	163,775	\$2,578,214	\$15.74	5.4%	2,022,730	\$30,444,279	\$15.05	5.5%	\$15.51	\$15.27
Jun-18	159,949	\$2,565,689	\$16.04	6.5%	2,015,173	\$30,486,098	\$15.13	5.3%	\$15.58	\$15.38
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Exponential Trend: 5.9% 8.8%



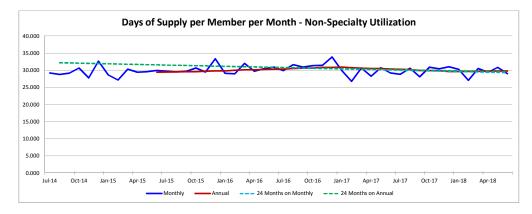
Regressions	24 Months	on Monthly	24 Months on Annua		
	1.000	0.018	1.000	0.001	
	0.000	0.939	0.000	0.535	
	0.698	0.023	0.939	0.013	
	50.841	22.000	341.057	22.000	

PHARMACY TREND DEVELOPMENT FOR ESI CLAIMS

NON-SPECIALTY DRUGS - UTILIZATION TREND

Interview Warmber in Supply or With Status Wormber in Trend Supply in Wernber in Trend Supply in Wernber in Trend Normber in Supply in Wernber in Trend Normber in Supply in Wernber in Trend Normber in Trend Normber in Supply in Wernber in Trend Normber in Trend			MONTH	LY DATA			ROLLIN		EXPONENTIAL FIT		
Membership Supply Membership Supply Member Trend Monthly Data Data Juli 4 68,875 2.010.02 29,193 Supply Membership Supply Membership 32.257 32.162 Sep14 66,611 2.000,733 29,161 Supply											
Juli 4 66,855 2,070,992 29,193 100,000 20,000 Aug.14 66,871 1,975,866 28,756 32,257 32,162 Spp-14 66,411 2,000,733 29,161 32,257 32,123 Oct-14 66,444 1,844,149 27,379 32,257 32,123 Dec-14 66,505 2,171,646 32,655 31,987 31,9397 Jan-15 65,522 1,772,117 27,129 31,871 31,871 Apr-15 64,721 1,904,804 29,431 31,790 31,759 Apr-15 64,721 1,949,158 29,931 795,719 23,418,441 29,431 31,590 31,525 Jul-15 64,822 1,925,177 29,700 1.7% 791,666 23,33,866 29,473 31,252 31,529 Jul-15 64,6137 1,900,675 29,433 31,520 31,527 31,232 31,357 Nov-15 64,102 1,889,261 29,473 6,33 776,573											
Jug-14 66,711 1.975,866 2.756 2.257 2.2.162 Gp-14 66,411 2.007,33 29,161 32,103 Gp-14 66,404 2.034,469 30.638 32,103 Gp-14 66,404 2.034,469 30.638 32,103 Gp-14 66,502 2.17,169 32,655 31,997 31,990 Jan-15 65,207 1.867,287 28,635 31,997 31,990 Jan-15 65,179 1.975,864 28,431 31,790 31,722 Mar-15 64,721 1.904,804 29,431 31,570 31,640 Mar-15 64,721 1.91,494 29,586 31,572 31,722 31,570 Jul-15 64,581 1.900,475 29,635 1.66 757,79 2.3,418,411 29,431 31,555 Jul-15 64,137 1.900,675 29,635 1.66 775,703 2.3,422,402 29,540 31,431 Sep.15 64,137 1.900,675 29,635 1.6					Trend	Membership	Supply	Member	Trend	Monthly Data	Data
Sep-14 66, Ad1 2,000,733 29.161 32.128 32.103 Ccr-14 66, 404 2,044,499 20.538 31.987 31.930 Dec-14 66, 505 2,171,666 32.655 31.997 31.930 Jan-15 65,202 1,877,2177 27.129 31.930 31.937 31.930 Jan-15 65,212 1,772,117 27.129 31.930 31.730 31.730 Apr-15 64,721 1,904,804 29.431 795,779 23,418,441 29.431 31.590 31.585 Jul-15 64,812 1,904,9158 29.931 795,779 23,418,441 29.431 31.950 31.585 Jul-15 64,5121 1,904,940 29.526 2.7% 787,503 23,262,940 29.540 31.458 31.471 Sep-15 64,137 1,900,675 29.557 31.930 31.458 31.471 Sep-16 6,014 1,481,35 33.300 21,072,802 29.579 31.293 31.293											
Cci-14 66,404 1,844,148 27.739 32.053 31.987 31.930 Dec-14 66,505 2,171,696 32.655 31.987 31.930 Jan-15 65,209 1,867,289 28.635 31.987 31.930 Jan-15 65,179 1,976,825 30.292 31.722 31.750 31.759 Jan-15 65,179 1,976,825 30.293 31.722 31.722 31.700 31.752 May-15 64,571 1,911,194 29.586 31.627 31.644 31.525 31.525 31.525 Jul-15 64,518 1,900,675 29.651 1.668 780.277 23,062,840 29.540 31.851 31.525 Jul-15 64,922 1,984,389 30.650 0.008 780,777 23,079,802 29.570 31.326 31.357 Jun-15 64,131 1,900,675 2.645 1.668 783,127 31.738,65 29.727 31.259 31.242 31.357 Jun-16 60,007 1,904,716 2.901 1.638 777,083 23,173,865 29.777 <											
Nov-14 66,484 1,844,198 27.79 22.753 31.987 Dec-14 65,05 2,771,166 32.655 31.987 31.987 Jan-15 65,029 1,867,289 28.635 31.919 31.871 Am-15 65,171 1,976,225 30.329 31.720 31.720 31.720 Apr-15 64,721 1,944,804 29.431 705,719 23,418,441 29.431 31.530 31.525 Jun-15 64,512 1,904,400 29.526 2.7% 787.030 23,462,840 29.433 31.525 31.525 Jun-15 64,512 1,904,400 29.526 2.7% 787.030 23,462,840 29.541 31.917 31.458 31.347 Sep-15 64,102 1,964,389 30.650 0.0% 780.777 23,078,802 29.577 31.253 31.326 31.337 Aug-15 64,902 1,964,389 30.650 0.0% 776,313 23,078,802 29.577 31.1951 31.243 <tr< td=""><td></td><td></td><td>, ,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>			, ,								
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Mar-16 60,007 1,920,716 32.008 5.5% 760,591 22,901,882 30.111 31.000 31.074 Apr-16 59,837 1,778,652 29.725 1.0% 755,707 22,775,730 30.138 30.934 31.017 May-16 59,314 1,805,002 30.431 2.9% 750,424 22,646,533 30.209 30.871 30.962 Jun-16 58,674 1,758,480 29.869 0.6% 738,436 22,381,195 30.309 2.8% 30.742 30.849 Aug-16 58,673 1,812,828 30.887 4.3% 727,188 22,244,533 30.590 3.4% 30.611 30.736 Oct-16 58,843 1,844,980 31.334 2.3% 710,82 21,215,124 30.647 3.6% 30.628 30.624 Dec-16 58,843 1,844,980 31.334 2.3% 710,322 21,951,021 30.905 3.6% 30.355 30.513 Feb-17 59,577 1,785,103 29.897			1,749,716								
Apr-1659,8371,778,65229,7251.0%755,70722,775,73030.13830.93431.017May-1659,3141,805,00230.4312.9%750,42422,669,53830.20930.87130.962Jun-1659,0911,827,85230.9333.3%744,39422,548,23230.2912.9%30.80530.904Jul-1658,8741,758,48029.8690.6%738,43622,381,49530.3902.8%30.74230.849Aug-1658,6731,812,82830.8974.3%727,18822,244,53330.5903.4%30.61130.736Oct-1658,8431,844,98031.3542.3%721,93922,125,12430.6473.6%30.54830.681Nov-1658,8431,845,6731.4206.6%716,67122,084,43130.8153.7%30.48330.624Dec-1658,3491,974,33933.8371.5%710,71921,915,63430.8363.6%30.325530.513Feb-1759,5771,785,10329.8972.8%700,28221,910,2130.9053.6%30.325530.513Geh-1759,3721,675,21628.251-5.0%708,67721,601,02530.4811.1%30.16830.350Mar-1759,3301,710,94828.814-3.5%709,51921,477,78130.271-0.1%29.98030.186Jun-1759,3301,710,94828.814-3.5%709,51921			1,738,377								
May-16 59,314 1,805,002 30.431 2.9% 750,424 22,669,538 30.209 30.871 30.962 Jun-16 59,091 1,827,852 30.933 3.3% 744,394 22,548,232 30.291 2.9% 30.805 30.904 Jul-16 58,874 1,758,480 29.869 0.6% 738,436 22,332,381,195 30.309 2.8% 30.742 30.849 Aug-16 58,731 1,812,828 30.897 4.3% 727,188 22,244,533 30.590 3.4% 30.611 30.736 Oct-16 58,843 1,844,980 31.354 2.3% 721,939 22,125,124 30.647 3.6% 30.483 30.624 Dec-16 58,843 1,848,567 31.420 6.6% 716,671 22,084,431 30.815 3.7% 30.483 30.624 Dec-16 58,843 1,981,802 26.752 -7.6% 709,842 21,806,450 30.720 2.5% 30.291 30.457 Jan-17 59,577<			1,920,716				22,901,882			31.000	31.074
Jun-1659,0911,827,85230.9333.3%744,39422,548,23230.2912.9%30.80530.904Jul-1658,8741,758,48029.8690.6%738,43622,381,19530.3092.8%30.74230.849Aug-1658,7341,856,12531.6027.0%732,65222,332,38030.4823.2%30.67630.792Sep-1658,6731,812,82830.8974.3%727,18822,244,53330.5903.4%30.61130.736Oct-1658,8431,844,98031.3542.3%721,93922,125,12430.6473.6%30.48830.681Nov-1658,8341,944,856731.4206.6%716,67122,084,43130.8153.7%30.48330.624Dec-1658,3491,974,33933.8371.5%710,71921,915,63430.8363.6%30.42030.569Jan-1759,5771,593,80626.752-7.6%709,84221,806,45030.7202.5%30.29130.457Mar-1759,3821,818,72730.628-4.3%709,21721,704,46130.6031.6%30.23230.406Apr-1759,3791,675,21628.251-5.0%708,67721,601,02530.4811.1%30.16830.350Jun-1759,3801,102428.14-3.5%709,11321,525,31330.3600.2%30.04230.240Jun-1759,3801,710,94828.14-3.5% <td>Apr-16</td> <td>59,837</td> <td>1,778,652</td> <td></td> <td></td> <td></td> <td>22,775,730</td> <td></td> <td></td> <td>30.934</td> <td></td>	Apr-16	59,837	1,778,652				22,775,730			30.934	
Jul-1658,8741,758,48029.8690.6%738,43622,381,19530.3092.8%30.74230.849Aug-1658,7341,856,12531.6027.0%732,65222,332,38030.4823.2%30.67630.792Sep-1658,6731,812,82830.8974.3%727,18822,244,53330.5903.4%30.61130.736Oct-1658,8431,844,98031.3542.3%721,93922,125,12430.6473.6%30.48330.624Dec-1658,8441,848,56731.4206.6%716,67122,084,43130.8153.7%30.48330.624Jan-1759,7091,785,10329.8972.8%710,71921,915,63430.8363.6%30.42030.569Jan-1759,7091,785,10329.8972.8%710,28221,951,02130.9053.6%30.23230.406Apr-1759,3821,818,72730.628-4.3%709,21721,704,46130.6031.6%30.23230.406Apr-1759,3791,732,20029.172-5.7%709,01321,525,31330.3600.2%30.04230.240Jun-1759,3361,710,94828.814-3.5%709,51921,477,78130.271-0.1%29.98630.186Aug-1759,3361,815,03230.589-3.2%710,12121,436,68830.187-1.0%29.91630.130Sep-1758,7351,813,38930.874-1.	May-16	59,314	1,805,002	30.431	2.9%		22,669,538	30.209		30.871	30.962
Aug-16 58,734 1,856,125 31.602 7.0% 732,652 22,332,380 30.482 3.2% 30.676 30.792 Sep-16 58,673 1,812,828 30.897 4.3% 727,188 22,244,533 30.647 3.6% 30.611 30.736 Oct-16 58,843 1,844,980 31.354 2.6% 716,671 22,084,431 30.815 3.7% 30.483 30.681 Nov-16 58,844 1,848,567 31.420 6.6% 716,671 22,084,431 30.815 3.7% 30.483 30.626 Jan-17 59,709 1,785,103 29.897 2.8% 710,282 21,951,021 30.905 3.6% 30.355 30.513 Feb-17 59,577 1,593,806 26.752 -7.6% 709,842 21,806,450 30.720 2.5% 30.291 30.457 Mar-17 59,372 1,618,727 30.628 -4.3% 709,217 21,704,461 30.600 1.6% 30.232 30.4040 Ju-17	Jun-16	59,091	1,827,852	30.933	3.3%	744,394	22,548,232	30.291	2.9%	30.805	30.904
Sep-16 58,673 1,812,828 30.897 4.3% 727,188 22,244,533 30.590 3.4% 30.611 30.736 Oct-16 58,843 1,844,980 31.354 2.3% 721,939 22,125,124 30.647 3.6% 30.548 30.681 Nov-16 58,834 1,848,567 31.420 6.6% 716,671 22,125,124 30.647 3.6% 30.483 30.624 Dec-16 58,349 1,974,339 33.837 1.5% 710,719 21,915,021 30.905 3.6% 30.420 30.6457 Jan-17 59,709 1,785,103 29.897 2.8% 710,282 21,951,021 30.905 3.6% 30.232 30.406 Apr-17 59,382 1,818,727 30.628 -4.3% 709,217 21,601,025 30.481 1.1% 30.168 30.322 30.406 Apr-17 59,380 1,710,942 28.14 -5.7% 709,013 21,525,313 30.360 0.2% 30.042 30.240	Jul-16	58,874	1,758,480	29.869	0.6%		22,381,195	30.309	2.8%	30.742	30.849
Oct-16 58,843 1,844,980 31.354 2.3% 721,939 22,125,124 30.647 3.6% 30.548 30.681 Nov-16 58,844 1,848,567 31.420 6.6% 716,671 22,084,431 30.815 3.7% 30.483 30.624 Dec-16 58,349 1,974,339 33.837 1.5% 710,719 21,915,634 30.836 3.6% 30.420 30.569 Jan-17 59,707 1,759,306 26.752 -7.6% 709,842 21,806,450 30.720 2.5% 30.291 30.457 Mar-17 59,327 1,675,216 28.251 -5.0% 708,677 21,601,025 30.481 1.1% 30.168 30.350 May-17 59,330 1,712,200 29.172 -5.7% 709,013 21,525,313 30.360 0.2% 30.042 30.240 Jul-17 59,330 1,710,948 28.814 -3.5% 709,519 21,427,781 30.271 -0.1% 29.980 30.186 Aug-17 <td>Aug-16</td> <td>58,734</td> <td>1,856,125</td> <td>31.602</td> <td>7.0%</td> <td>732,652</td> <td>22,332,380</td> <td>30.482</td> <td>3.2%</td> <td>30.676</td> <td>30.792</td>	Aug-16	58,734	1,856,125	31.602	7.0%	732,652	22,332,380	30.482	3.2%	30.676	30.792
Nov-16 58,834 1,848,567 31.420 6.6% 716,671 22,084,431 30.815 3.7% 30.483 30.624 Dec.16 58,349 1,974,339 33.837 1.5% 710,719 21,915,634 30.836 3.6% 30.420 30.569 Jan-17 59,709 1,785,103 29.897 2.8% 710,212 21,951,021 30.905 3.6% 30.355 30.513 Feb-17 59,382 1,818,727 30.628 -4.3% 709,217 21,704,461 30.603 1.6% 30.232 30.406 Apr-17 59,382 1,818,727 30.628 -4.3% 709,217 21,704,461 30.603 1.6% 30.232 30.406 Apr-17 59,382 1,818,727 30.628 -4.3% 709,217 21,704,461 30.603 1.6% 30.232 30.406 Jun-17 59,380 1,710,948 28.814 -3.5% 709,519 21,420,668 30.187 -1.0% 29.980 30.186 Aug-17 <td>Sep-16</td> <td>58,673</td> <td>1,812,828</td> <td>30.897</td> <td>4.3%</td> <td>727,188</td> <td>22,244,533</td> <td>30.590</td> <td>3.4%</td> <td>30.611</td> <td>30.736</td>	Sep-16	58,673	1,812,828	30.897	4.3%	727,188	22,244,533	30.590	3.4%	30.611	30.736
Dec-16 58,349 1,974,339 33.837 1.5% 710,719 21,915,634 30.836 3.6% 30.420 30.569 Jan-17 59,709 1,785,103 29.897 2.8% 710,282 21,951,021 30.905 3.6% 30.355 30.513 Feb-17 59,577 1,593,806 26.752 -7.6% 709,842 21,951,021 30.005 3.6% 30.291 30.457 Mar:17 59,327 1,818,727 30.628 -4.3% 709,217 21,704,461 30.603 1.6% 30.232 30.406 Apr:17 59,321 1,818,727 30.743 1.0% 708,725 21,620,965 30.507 1.0% 30.168 30.220 Jun-17 59,336 1,815,032 30.589 -3.2% 710,121 21,436,688 30.187 -1.0% 29.980 30.180 Jul-17 59,336 1,815,032 30.589 -3.2% 710,121 21,436,688 30.187 -1.0% 29.980 30.180 Jul-17 </td <td>Oct-16</td> <td>58,843</td> <td>1,844,980</td> <td>31.354</td> <td>2.3%</td> <td>721,939</td> <td>22,125,124</td> <td>30.647</td> <td>3.6%</td> <td>30.548</td> <td>30.681</td>	Oct-16	58,843	1,844,980	31.354	2.3%	721,939	22,125,124	30.647	3.6%	30.548	30.681
Jan-1759,7091,785,10329.8972.8%710,28221,951,02130.9053.6%30.35530.513Feb-1759,5771,593,80626.752-7.6%709,84221,806,45030.7202.5%30.29130.457Mar-1759,3821,818,72730.628-4.3%709,21721,704,46130.6031.6%30.23230.406Apr-1759,3621,824,94230.7431.0%708,67721,601,02530.4811.1%30.16830.329Jun-1759,3791,732,20029.172-5.7%709,01321,525,31330.3600.2%30.04230.240Jun-1759,3801,710,94828.814-3.5%709,51921,477,78130.271-0.1%29.98030.186Aug-1759,3801,815,03230.589-3.2%710,12121,436,68830.187-1.0%29.98030.186Aug-1758,7681,649,24028.064-9.2%710,21621,273,10029.953-2.1%29.85230.075Oct-1758,7351,813,38930.874-1.5%710,10821,241,50929.913-2.4%29.72829.666Dec-1758,7351,824,94230.2621.2%707,68620,965,67029.626-4.1%29.60329.857Feb-1856,4641,526,85227.0401.1%704,57520,898,71629.661-3.4%29.54029.802Mar-1856,3131,717,79930.504	Nov-16	58,834	1,848,567	31.420	6.6%	716,671	22,084,431	30.815	3.7%	30.483	30.624
Feb-17 59,577 1,593,806 26.752 -7.6% 709,842 21,806,450 30.720 2.5% 30.291 30.457 Mar.17 59,382 1,818,727 30.628 -4.3% 709,217 21,704,461 30.603 1.6% 30.232 30.406 Apr.17 59,329 1,675,216 28.251 -5.0% 708,677 21,601,025 30.481 1.1% 30.168 30.350 May.17 59,339 1,722,200 29.172 -5.7% 709,013 21,525,313 30.360 0.2% 30.042 30.240 Jul.17 59,330 1,710,948 28.814 -3.5% 709,519 21,427,781 30.271 -0.1% 29.980 30.186 Aug.17 59,336 1,815,032 30.589 -3.2% 710,216 21,273,100 29.953 -2.1% 29.852 30.075 Oct.17 58,765 1,813,389 30.874 -1.5% 710,108 21,241,509 29.913 -2.4% 29.778 29.728 29.706	Dec-16	58,349	1,974,339	33.837	1.5%	710,719	21,915,634	30.836	3.6%	30.420	30.569
Mar-17 59,382 1,818,727 30.628 -4.3% 709,217 21,704,461 30.603 1.6% 30.232 30.406 Apr-17 59,297 1,675,216 28.251 -5.0% 708,677 21,601,025 30.481 1.1% 30.168 30.350 May-17 59,362 1,824,942 30.743 1.0% 708,725 21,620,965 30.507 1.0% 30.106 30.296 Jun-17 59,330 1,710,948 28.814 -3.5% 709,519 21,477,781 30.271 -0.1% 29,980 30.186 Aug-17 59,336 1,815,032 30.589 -3.2% 710,121 21,436,688 30.187 -1.0% 29,980 30.186 Aug-17 58,735 1,813,389 30.874 -1.5% 710,102 21,436,688 30.187 -1.0% 29,991 30.021 Nov-17 58,765 1,813,389 30.874 -1.5% 710,108 21,241,509 29,913 -2.4% 29,791 30.021 Nov-	Jan-17	59,709	1,785,103	29.897	2.8%	710,282	21,951,021	30.905	3.6%	30.355	30.513
Apr-1759,2971,675,21628.251-5.0%708,67721,601,02530.4811.1%30.16830.350May-1759,3621,824,94230.7431.0%708,72521,620,96530.5071.0%30.10630.296Jun-1759,3791,732,20029.172-5.7%709,01321,525,31330.3600.2%30.04230.240Jul-1759,3301,710,94828.814-3.5%709,51921,477,78130.271-0.1%29.98030.186Aug-1759,3361,815,03230.589-3.2%710,12121,436,68830.187-1.0%29.91630.130Sep-1758,7681,649,24028.064-9.2%710,21621,273,10029.953-2.1%29.85230.075Oct-1758,7351,813,38930.874-1.5%710,10821,241,50929.913-2.4%29.72829.966Dec-1758,7681,790,35730.415-3.2%710,13921,183,29929.830-3.2%29.72829.966Dec-1758,7641,92,6431.000-8.4%710,58221,031,50629.598-4.0%29.66629.912Jan-1856,8131,719,26730.2621.2%707,68620,965,67029.626-4.1%29.60329.857Feb-1856,4661,526,85227.0401.1%704,57520,898,71629.661-3.4%29.54029.802Mar-1856,3131,717,79930.504 <td>Feb-17</td> <td>59,577</td> <td>1,593,806</td> <td>26.752</td> <td>-7.6%</td> <td>709,842</td> <td>21,806,450</td> <td>30.720</td> <td>2.5%</td> <td>30.291</td> <td>30.457</td>	Feb-17	59,577	1,593,806	26.752	-7.6%	709,842	21,806,450	30.720	2.5%	30.291	30.457
May-17 59,362 1,824,942 30.743 1.0% 708,725 21,620,965 30.507 1.0% 30.106 30.296 Jun-17 59,379 1,732,200 29.172 -5.7% 709,013 21,525,313 30.360 0.2% 30.42 30.240 Jul-17 59,380 1,710,948 28.814 -5.5% 709,519 21,427,781 30.271 -0.1% 29.980 30.186 Aug-17 59,380 1,815,032 30.589 -3.2% 710,121 21,436,688 30.187 -1.0% 29.980 30.186 Aug-17 58,768 1,649,240 28.064 -9.2% 710,216 21,273,100 29.953 -2.1% 29.852 30.021 Not-17 58,765 1,790,357 30.415 -3.2% 710,138 21,241,509 29.913 -2.4% 29.728 29.728 29.728 29.728 29.728 29.728 29.728 29.728 29.728 29.728 29.728 29.728 29.728 29.728 29.728	Mar-17	59,382	1,818,727	30.628	-4.3%	709,217	21,704,461	30.603	1.6%	30.232	30.406
Jun-17 59,379 1,732,200 29.172 -5.7% 709,013 21,525,313 30.360 0.2% 30.042 30.240 Jul-17 59,380 1,710,948 28.814 -3.5% 709,519 21,477,781 30.271 -0.1% 29.980 30.186 Aug-17 59,336 1,815,032 30.589 -3.2% 710,121 21,436,688 30.187 -1.0% 29.980 30.186 Sep-17 58,768 1,649,240 28.064 -9.2% 710,216 21,273,100 29.953 -2.1% 29.852 30.021 Oct-17 58,735 1,813,389 30.874 -1.5% 710,108 21,241,509 29.913 -2.4% 29.728 29.966 Dec-17 58,752 1,822,546 31.000 -8.4% 710,582 21,031,506 29.598 -4.0% 29.728 29.966 Dec-17 58,792 1,822,546 31.000 -8.4% 700,582 20,965,670 29.626 -4.1% 29.603 29.857 J	Apr-17	59,297	1,675,216	28.251	-5.0%	708,677	21,601,025	30.481	1.1%	30.168	30.350
Jul-1759,3801,710,94828.814-3.5%709,51921,477,78130.271-0.1%29.98030.186Aug-1759,3361,815,03230.589-3.2%710,12121,436,68830.187-1.0%29.91630.130Sep-1758,7681,649,24028.064-9.2%710,21621,273,10029.953-2.1%29.85230.075Oct-1758,7351,813,38930.874-1.5%710,10821,241,50929.913-2.4%29.79130.021Nov-1758,8731,790,35730.415-3.2%710,13921,183,29929.830-3.2%29.76829.96629.912Jan-1856,8131,719,26730.2621.2%707,68620,965,67029.626-4.1%29.60329.857Feb-1856,4661,526,85227.0401.1%704,57520,889,71629.641-3.4%29.54029.802Mar-1856,3131,717,79930.504-0.4%701,50620,797,78829.647-3.1%29.48329.752Apr-1856,6881,558,42029.3593.%698,69720,780,99229.742-2.4%29.42129.697May-1856,6881,748,11630.8370.3%696,02320,704,16629.746-2.5%29.36029.644	May-17	59,362	1,824,942	30.743	1.0%	708,725	21,620,965	30.507	1.0%	30.106	30.296
Aug-17 59,336 1,815,032 30.589 -3.2% 710,121 21,436,688 30.187 -1.0% 29.916 30.130 Sep-17 58,768 1,649,240 28.064 -9.2% 710,216 21,273,100 29.953 -2.1% 29.852 30.075 Oct-17 58,735 1,813,389 30.874 -1.5% 710,108 21,2241,509 29.913 -2.4% 29.791 30.021 Nov-17 58,765 1,802,574 31.000 -8.4% 710,582 21,031,506 29.598 -4.0% 29.666 29.912 Jan-18 56,813 1,719,267 30.262 1.2% 707,686 20,965,670 29.626 -4.1% 29.603 29.857 Feb-18 56,464 1,526,452 27.040 1.1% 704,575 20,898,716 29.661 -3.4% 29.540 29.802 Mar-18 56,313 1,717,799 30.504 -0.4% 701,506 20,797,788 29.647 -3.1% 29.483 29.752 A	Jun-17	59,379	1,732,200	29.172	-5.7%	709,013	21,525,313	30.360	0.2%	30.042	30.240
Sep-17 58,768 1,649,240 28.064 -9.2% 710,216 21,273,100 29.953 -2.1% 29.852 30.075 Oct.17 58,758 1,849,240 28.064 -9.2% 710,216 21,273,100 29.953 -2.1% 29.852 30.075 Oct.17 58,756 1,790,357 30.415 -1.5% 710,108 21,241,509 29.913 -2.4% 29.718 29.728 29.966 Dec.17 58,766 1,790,357 30.415 -3.2% 710,139 21,031,506 29.958 -4.0% 29.666 29.912 Jan-18 56,813 1,719,267 30.262 1.2% 707,686 20,965,670 29.626 -4.1% 29.603 29.857 Feb-18 56,464 1,526,452 27.040 1.1% 704,575 20,898,716 29.661 -3.4% 29.540 29.802 Mar-18 56,313 1,717,799 30.504 -0.4% 701,506 29.647 -3.1% 29.483 29.752 Apr-18	Jul-17	59,380	1,710,948	28.814	-3.5%	709,519	21,477,781	30.271	-0.1%	29.980	30.186
Oct:17 58,735 1,813,389 30.874 -1.5% 710,108 21,241,509 29,913 -2.4% 29,791 30.021 Nov:17 58,865 1,790,357 30.415 -3.2% 710,139 21,183,299 29,830 -3.2% 29,728 29,966 Dec:17 58,792 1,822,546 31.000 -8.4% 710,582 21,031,506 29,598 -4.0% 29.666 29,912 Jan:18 56,813 1,719,267 30.262 1.2% 707,686 20,965,670 29,626 -4.1% 29.603 29.802 Jan:18 56,466 1,526,852 27.040 1.1% 704,575 20,898,716 29.661 -3.4% 29.540 29.802 Mar:18 56,431 1,717,799 30.504 -0.4% 701,506 20,797,788 29.647 -3.1% 29.483 29.752 Apr:18 56,488 1,58,420 29.359 3.9% 698,697 20,708,092 29.742 -2.4% 29.421 29.697 Apr:	Aug-17	59,336	1,815,032	30.589	-3.2%	710,121	21,436,688	30.187	-1.0%	29.916	30.130
Nov-17 58,865 1,790,357 30.415 -3.2% 710,139 21,183,299 29.830 -3.2% 29.728 29.966 Dec-17 58,792 1,822,546 31.000 -8.4% 710,582 21,031,506 29.598 -4.0% 29.666 29.912 Jan-18 56,813 1,719,267 30.262 1.2% 707,686 20,965,670 29.626 -4.1% 29.603 29.857 Feb-18 56,466 1,526,852 27.040 1.1% 704,575 20,989,716 29.661 -3.4% 29.540 29.802 Mar-18 56,313 1,717,799 30.504 -0.4% 701,506 20,797,788 29.641 -3.1% 29.483 29.752 Apr-18 56,488 1,558,420 29.359 3.9% 688,697 20,780,992 29.742 -2.4% 29.421 29.697 May-18 56,688 1,748,116 30.837 0.3% 696,023 20,704,166 29.746 -2.5% 29.360 29.644	Sep-17	58,768	1,649,240	28.064	-9.2%	710,216	21,273,100	29.953	-2.1%	29.852	30.075
Dec-17 58,792 1,822,546 31.000 -8.4% 710,582 21,031,506 29.598 -4.0% 29.666 29.912 Jan-18 56,813 1,719,267 30.262 1.2% 707,686 20,965,670 29.626 -4.1% 29.603 29.857 Feb-18 56,466 1,526,852 27.040 1.1% 704,575 20,989,716 29.661 -3.4% 29.540 29.802 Mar-18 56,313 1,717,799 30.504 -0.4% 701,506 20,797,788 29.641 -3.4% 29.483 29.752 Apr-18 56,488 1,658,420 29.359 3.9% 698,697 20,780,992 29.742 -2.4% 29.421 29.697 May-18 56,688 1,748,116 30.837 0.3% 696,023 20,704,166 29.746 -2.5% 29.360 29.644	Oct-17	58,735	1,813,389	30.874	-1.5%	710,108	21,241,509	29.913	-2.4%	29.791	30.021
Jan-18 56,813 1,719,267 30.262 1.2% 707,686 20,965,670 29,626 -4.1% 29,603 29,857 Feb-18 56,464 1,526,852 27.040 1.1% 704,575 20,898,716 29,661 -3.4% 29,540 29,857 Mar-18 56,313 1,717,799 30.504 -0.4% 701,506 20,797,788 29,647 -3.1% 29,483 29,752 Apr-18 56,488 1,568,420 29,359 3.9% 698,697 20,7080,992 29,742 -2.4% 29,641 29,691 May-18 56,688 1,748,116 30.837 0.3% 696,023 20,704,166 29,746 -2.5% 29.360 29,644	Nov-17	58,865	1,790,357	30.415	-3.2%	710,139	21,183,299	29.830	-3.2%	29.728	29.966
Feb-18 56,466 1,526,852 27.040 1.1% 704,575 20,898,716 29.661 -3.4% 29.540 29.802 Mar-18 56,313 1,717,799 30.504 -0.4% 701,506 20,797,788 29.647 -3.1% 29.483 29.752 Apr-18 56,488 1,658,420 29.359 3.9% 698,697 20,780,992 29.742 -2.4% 29.421 29.697 May-18 56,688 1,748,116 30.837 0.3% 696,023 20,704,166 29.746 -2.5% 29.360 29.644	Dec-17	58,792	1,822,546	31.000	-8.4%	710,582	21,031,506	29.598	-4.0%	29.666	29.912
Feb-18 56,466 1,526,852 27.040 1.1% 704,575 20,898,716 29.661 -3.4% 29.540 29.802 Mar-18 56,313 1,717,799 30.504 -0.4% 701,506 20,797,788 29.647 -3.1% 29.483 29.752 Apr-18 56,488 1,658,420 29.359 3.9% 698,697 20,780,992 29.742 -2.4% 29.421 29.697 May-18 56,688 1,748,116 30.837 0.3% 696,023 20,704,166 29.746 -2.5% 29.360 29.644	Jan-18	56,813	1,719,267	30.262	1.2%	707,686	20,965,670	29.626	-4.1%	29.603	29.857
Mar-18 56,313 1,717,799 30.504 -0.4% 701,506 20,797,788 29,647 -3.1% 29.483 29.752 Apr-18 56,488 1,658,420 29.359 3.9% 698,697 20,780,992 29.742 -2.4% 29.421 29.697 May-18 56,688 1,748,116 30.837 0.3% 696,023 20,704,166 29.746 -2.5% 29.360 29.644	Feb-18			27.040	1.1%				-3.4%	29.540	29.802
May-18 56,688 1,748,116 30.837 0.3% 696,023 20,704,166 29.746 -2.5% 29.360 29.644	Mar-18	56,313	1,717,799	30.504	-0.4%	701,506	20,797,788	29.647	-3.1%	29.483	29.752
May-18 56,688 1,748,116 30.837 0.3% 696,023 20,704,166 29.746 -2.5% 29.360 29.644	Apr-18			29.359	3.9%	698,697	20,780,992	29.742	-2.4%	29.421	29.697
	May-18	56,688	1,748,116	30.837	0.3%	696,023	20,704,166	29.746	-2.5%	29.360	29.644
	Jun-18	56,666	1,643,038	28.995	-0.6%	693,310	20,615,004	29.734	-2.1%	29.298	29.590

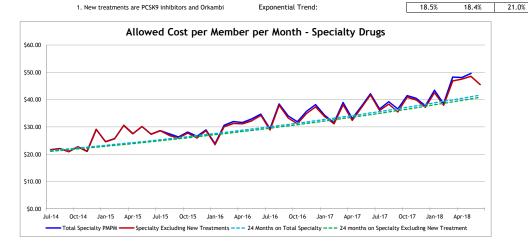
Exponential Trend: -2.5% -2.2%



Regressions	24 Months of	on Monthly	24 Months on Annual				
	1.000	572.641	1.000	388.867			
	0.000 2.132		0.000	0.310			
	0.080	0.051	0.756	0.007			
	1.913	22.000	67.985	22.000			

PHARMACY TREND DEVELOPMENT - SPECIALTY TREND CALCULATION

										EXPONE	NTIAL FIT	EXPONENTIAL FIT		
ſ		MONTHLY DATA - C	ON	TRACT ADJUS	STED)		PMPM	Rolling	12 PMPM	Rolling	12 PMPM	Monthly	
				All Other						Specialty		Specialty		Specialty
				Specialty	Tot	tal Specialty	Total	Specialty	Total	Excluding		Excluding		Excluding
Incurred		New Treatment ¹		Allowed	Dr	ug Allowed	Specialty	Excluding New	Specialty	New	Total	New	Total	New
Date	Members	Allowed Charges		Charges		Charges	PMPM	Treatments	PMPM	Treatments	Specialty	Treatments	Specialty	Treatments
Jul-14	68,855	Ş -	\$	1,494,118	\$	1,494,118	\$21.70	\$21.70			\$21.42	\$21.11	\$21.86	\$21.52
Aug-14	68,711	Ş -	\$		\$	1,518,675	\$22.10	\$22.10			\$21.73	\$21.41	\$22.22	\$21.87
Sep-14	68,611	Ş -	\$	1,438,489	\$	1,438,489	\$20.97	\$20.97			\$22.05	\$21.72	\$22.58	\$22.23
Oct-14	66,404	Ş -	\$		\$	1,510,102	\$22.74	\$22.74			\$22.36	\$22.03	\$22.94	\$22.58
Nov-14	66,484	ş -	\$	1,404,086	\$	1,404,086	\$21.12	\$21.12			\$22.68	\$22.34	\$23.31	\$22.95
Dec-14	66,505	Ş -	\$	1,936,975	\$	1,936,975	\$29.13	\$29.13			\$23.00	\$22.66	\$23.68	\$23.31
Jan-15	65,209	Ş -	\$	1,605,559	\$	1,605,559	\$24.62	\$24.62			\$23.34	\$22.98	\$24.07	\$23.68
Feb-15	65,322	Ş -	\$	1,680,098	\$	1,680,098	\$25.72	\$25.72			\$23.68	\$23.31	\$24.46	\$24.07
Mar-15	65,179	Ş -	\$	1,994,301	\$	1,994,301	\$30.60	\$30.60			\$23.99	\$23.62	\$24.82	\$24.42
Apr-15	64,721	ş -	\$	1,781,909	\$	1,781,909	\$27.53	\$27.53			\$24.34	\$23.96	\$25.23	\$24.82
May-15	64,597	ş -	\$	1,950,108	\$	1,950,108	\$30.19	\$30.19			\$24.68	\$24.29	\$25.63	\$25.21
Jun-15	65,121	ş -	\$		\$	1,783,583	\$27.39	\$27.39	\$25.26	\$25.26	\$25.04	\$24.64	\$26.04	\$25.62
Jul-15	64,832	\$ -	\$	1,856,753	\$	1,856,753	\$28.64	\$28.64	\$25.84	\$25.84	\$25.39	\$24.99	\$26.46	\$26.02
Aug-15	64,518		\$	1,735,295	\$	1,774,883	\$27.51	\$26.90	\$26.31	\$26.26	\$25.76	\$25.35	\$26.89	\$26.44
Sep-15	64,137	\$ 20,895	\$	1,666,799	\$	1,687,694	\$26.31	\$25.99	\$26.78	\$26.70	\$26.13	\$25.71	\$27.33	\$26.87
Oct-15	64,092		\$		\$	1,801,015	\$28.10	\$27.77	\$27.23	\$27.12	\$26.50	\$26.07	\$27.76	\$27.29
Nov-15	64,102		\$	1,663,213	\$	1,703,928	\$26.58	\$25.95	\$27.70	\$27.54	\$26.88	\$26.45	\$28.21	\$27.74
Dec-15	64,301	\$ 19,814	\$	1,842,866	\$	1,862,680	\$28.97	\$28.66	\$27.68	\$27.50	\$27.26	\$26.82	\$28.66	\$28.17
Jan-16	60,146	\$ 20,906	\$	1,413,687	Ş	1,434,594	\$23.85	\$23.50	\$27.64	\$27.43	\$27.66	\$27.21	\$29.13	\$28.63
Feb-16	60,017		\$	1,808,719	\$	1,839,537	\$30.65	\$30.14	\$28.04	\$27.79	\$28.06	\$27.60	\$29.60	\$29.09
Mar-16	60,007		\$	1,877,629	\$	1,919,389	\$31.99	\$31.29	\$28.13	\$27.82	\$28.44	\$27.97	\$30.05	\$29.54
Apr-16	59,837		\$	1,865,008	\$	1,892,415	\$31.63	\$31.17	\$28.46	\$28.11	\$28.85	\$28.38	\$30.55	\$30.02
May-16	59,314	\$ 42,850	\$	1,911,230	\$	1,954,080	\$32.94	\$32.22	\$28.66	\$28.26	\$29.26	\$28.77	\$31.03	\$30.49
Jun-16	59,091		\$	2,023,181	Ş	2,048,490	\$34.67	\$34.24	\$29.25	\$28.81	\$29.68	\$29.19	\$31.53	\$30.98
Jul-16	58,874 58,734	\$ 25,300 \$ 26,465	\$ \$	1,701,992 2,230,676	Ş	1,727,292 2,257,141	\$29.34 \$38.43	\$28.91 \$37.98	\$29.31 \$30.20	\$28.83 \$29.73	\$30.10 \$30.54	\$29.59 \$30.02	\$32.03 \$32.56	\$31.47 \$31.98
Aug-16	58,673				\$ \$	1,996,115	\$36.43 \$34.02	\$37.96	\$30.20	\$29.73	\$30.54 \$30.98	\$30.02	\$32.56	\$31.98
Sep-16		\$ 44,093 \$ 45,204	Ş	1,952,022			\$34.02	\$33.27	\$30.85	\$30.55	\$30.98	\$30.40		\$33.01
Oct-16 Nov-16	58,843 58,834	\$ 45,204 \$ 46,239	\$ \$	1,833,886 2,055,519	\$ \$	1,879,090 2,101,758	\$31.93 \$35.72	\$31.17	\$31.19	\$30.65 \$31.42	\$31.42	\$30.88	\$33.61 \$34.16	\$33.55
Dec-16	58,349		ş	2,055,519	ş	2,101,758	\$35.72	\$37.36	\$32.75	\$32.16	\$32.32	\$31.35	\$34.10	\$33.00
Jan-17	59,709	\$ 28,751	ş	2,016,904	ş	2,045,655	\$34.26	\$33.78	\$33.63	\$33.02	\$32.32	\$32.22	\$34.70	\$34.63
Feb-17	59,577	. ,	ş	1,856,507	ş	1,881,972	\$31.59	\$31.16	\$33.71	\$33.11	\$33.27	\$32.69	\$35.84	\$35.19
Mar-17	59,382	\$ 48,539	ş	2,264,526	ş	2,313,066	\$38.95	\$38.13	\$34.30	\$33.69	\$33.71	\$33.11	\$36.37	\$35.70
Apr-17	59,297	\$ 46,875	ş	1,920,327	ş	1,967,202	\$33.18	\$32.38	\$34.30	\$33.09	\$34.20	\$33.59	\$36.97	\$36.28
May-17	59,362	\$ 29,936	ŝ	2,198,641	ş	2,228,577	\$37.54	\$37.04	\$34.82	\$34.19	\$34.68	\$34.06	\$37.55	\$36.85
Jun-17	59,379		ş	2,476,825	ş	2,503,927	\$42.17	\$41.71	\$35.44	\$34.82	\$35.18	\$34.55	\$38.16	\$37.45
Jul-17	59,380	\$ 34,911	ş		ş	2,174,400	\$36.62	\$36.03	\$36.05	\$35.41	\$35.67	\$35.03	\$38.77	\$38.04
Aug-17	59,336	\$ 52,855	ş	2,275,795	ş	2,328,651	\$39.25	\$38.35	\$36.12	\$35.44	\$36.19	\$35.54	\$39.40	\$38.66
Sep-17	58,768	\$ 63,999	ş	2,087,302	ŝ	2,151,301	\$36.61	\$35.52	\$36.33	\$35.63	\$36.72	\$36.05	\$40.04	\$39.29
Oct-17	58,735	\$ 34,267	ŝ	2,401,820	ŝ	2,436,087	\$41.48	\$40.89	\$37.12	\$36.44	\$37.24	\$36.56	\$40.68	\$39.90
Nov-17	58,865		ş	2,346,956	ş	2,383,563	\$40.49	\$39.87	\$37.52	\$36.84	\$37.78	\$37.08	\$41.34	\$40.55
Dec-17	58,792	\$ 33,211	ş	2,186,808	ş	2,220,020	\$37.76	\$37.20	\$37.48	\$36.83	\$38.31	\$37.60	\$41.99	\$41.19
Jan-18	56,813		ş	2,414,418	ş	2,469,275	\$43.46	\$42.50	\$38.23	\$37.54	\$38.86	\$38.14	\$42.68	\$41.86
Feb-18	56,466	\$ 33,337	ş	2,142,864	ş	2,176,202	\$38.54	\$37.95	\$38.82	\$38.12	\$39.43	\$38.69	\$43.38	\$42.54
Mar-18	56,313		\$	2,636,806	\$	2,715,569	\$48.22	\$46.82	\$39.56	\$38.81	\$39.95	\$39.20	\$44.02	\$43.16
Apr-18	56,488		\$	2,682,922	\$	2,716,181	\$48.08	\$47.50	\$40.80	\$40.06	\$40.53	\$39.76	\$44.73	\$43.86
May-18	56,688	\$ 59,403	\$	2,750,198	\$	2,809,601	\$49.56	\$48.51	\$41.79	\$41.01	\$41.10	\$40.32	\$45.44	\$44.55
Jun-18	56,666	\$ 58,320	\$	2,579,367	\$	2,637,687	\$46.55	\$45.52	\$42.14	\$41.32	\$41.69	\$40.90	\$46.18	\$45.27
L														
		1. New treatments	are	PCSK9 inhibite	ors a	nd Orkambi	Exp	onential Trend:			18.5%	18.4%	21.0%	20.9%
													-	



Regressions	24 Months on Rolling 12		24 Months on Rolling 12		24 Months on	Monthly	24 Months on Monthly		
	1.0004655	7.56552E-08	1.00046237	8.48273E-08	1.000522795	7.02784E-09	1.000519694	7.87741E-09	
	1.326E-05	0.569012304	1.29801E-05	0.556887361	8.05605E-05	3.456287666	8.08706E-05	3.469592107	
	98.24%	0.013675968	98.29%	0.01338455	65.67%	0.083070397	65.23%	0.083390164	
	1231,1074	22	1268,295228	22	42.09121275	22	41,27511207	22	

Restated Specialty Drug Trend

Pharmacy Specialty Claims in the Experience	А	\$ 29,744,082
Claims Removed from the Experience		
PCSK9 Inhibitors ¹	B1	\$160,676
Orkambi	B2	\$388,607
MS ²	B3	\$648,493
Total	B = B1 + B2 + B3	\$1,197,776
Pharmacy Specialty Claims without Excluded Drugs in the Experience	C = A - B	\$28,546,306
Projected Specialty Claims using a 18.4% Trend for 30 months	D = C x (1.184)^(30^/12)	\$43,525,331
Adding Incremental Cost of Excluded Treatments for the Projection Period		
PCSK9 Inhibitors	E1	\$269,351
Orkambi	E2	\$388,607
Ocrevus	E3	\$798,000
Total	E = E1+E2+E3	\$1,455,958
Restated Projected Specialty Claims	F = D + E	\$44,981,289
Restated Specialty Trend	G = (F/A)^(12/30) -1	18.0%

PCSK9 inhibitors in the formulary include Praluent, which was approved by the FDA on July 24, 2015, and Repatha, which was approved by the FDA on August 27, 2015.
 Removes cost of drugs for members expected to move to Ocrevus.

PHARMACY TREND DEVELOPMENT SUMMARY

					Vaccines, Over the			
		Generic	Brands Going Generic	Brand	Counter, Compounds	Non-Specialty Total	Specialty	Total Pharmacy
Experience Period Member Months	m							693,310
Experience Period Days Supply	a	18,057,244	397,846	1,605,556	554,358	20,615,004	149,991	20,764,995
Experience Period Allowed Charge per Supply	b	\$0.72	\$9.89	\$12.88	\$2.22		\$198.31	
Experience Period Total Allowed Charges	c = a x b	\$12,927,346	\$3,933,381	\$20,680,977	\$1,229,357	\$38,771,060	\$29,744,082	\$68,515,142
Experience Period PMPM	d = c / m	\$18.65	\$5.67	\$29.83	\$1.77	\$55.92	\$42.90	\$98.82
Utilization Trend	e	0.0%	0.0%	0.0%	0.0%	0.0%		
Calculated Annual Trend	f	3.5%	3.5%	5.9%	5.9%			
Impact on Cost of Brands going Generic	g	1.0000	0.2213	1.0000	1.0000			
Projected Allowed Charge per Supply	h=b x ((1+e)x (1+f)^(30/12)) x g	\$0.78	\$2.38	\$14.85	\$2.56			
Projected Total Allowed Charges before Contract Changes	i = h x a	\$14,075,001	\$947,772	\$23,845,424	\$1,417,464	\$40,285,660	\$44,981,289	\$85,266,949
Projection Period PMPM	j = i / m	\$20.30	\$1.37	\$34.39	\$2.04	\$58.11	\$64.88	\$122.99
Annual Trend before Contract Changes	k = (j/d)^(12/30)-1	3.5%	-43.4%	5.9%	5.9%	1.5%	18.0%	9.1%
Reduction of Projected Claims due to Contract Changes	n	0.8793	0.8793	0.9983	1.0000		0.9822	
Projected Total Allowed Charges after Contract Changes	o = n x i	\$12,376,252	\$833,383	\$23,805,511	\$1,417,464	\$38,432,609	\$44,179,359	\$82,611,969
Projected PMPM after Contract Changes	q = o / m	\$17.85	\$1.20	\$34.34	\$2.04	\$55.43	\$63.72	\$119.16
Impact of Contract Changes on Projected Pharmacy PMPM	r = q / j		4					0.9689
Effective Annual Trend	s = (q/d)^(12/30)-1							7.8%

Vermont Freedom Plan (VFP), Comprehensive (COMP), and Indemnity J-Plan (JPLAN)

				In-Networ	k Benefits	;			Out	of-Network Ben	efits	Relativity Factor
index	Product	Deductible	Coinsurance	Out-of- Pocket	Office Copay	Specialist Copay	ER ¹ Copay	AMB Copay	Deductible	Coinsurance	Out-of- Pocket	Active
1	COMP	\$3,000	0%	\$3,000								0.7827
2	COMP	\$5,000	40%	\$6,500								0.6314
3	COMP	\$7,350	0%	\$7,350								0.6017
4	JPLAN	\$100	20%	\$500	\$10	\$10						1.2021
5	VFP	\$1,000	0%	\$2,000	\$30	\$50	\$150		\$2,000	30%	\$4,000	0.9771
6	VFP	\$1,000	0%	\$2,350	\$25	\$25	\$50	\$50	\$2,000	30%	\$3,500	1.0040
7	VFP	\$1,000	20%	\$2,300	\$20	\$20	\$100		\$2,000	30%	\$4,600	0.9421
8	VFP	\$1,000	20%	\$3,500	\$25	\$40			\$2,000	30%	\$7,000	0.8732
9	VFP	\$1,500	20%	\$3,000	\$25	\$45	\$250	\$250	\$3,000	30%	\$6,000	0.8821
10	VFP	\$200	20%	\$800	\$20	\$20			\$400	30%	\$1,600	1.0781
11	VFP	\$2,500	0%	\$2,500	\$20	\$30	\$200		\$5,000	30%	\$5,000	0.8978
12	VFP	\$2,500	20%	\$5,000	\$20	\$20			\$5,000	30%	\$10,000	0.7884
13	VFP	\$2,500	20%	\$5,150	\$20	\$40			\$5,000	30%	\$10,300	0.7669
14	VFP	\$300	10%	\$1,300	\$10	\$30	\$100	\$50	\$600	30%	\$2,600	1.0597
15	VFP	\$3,000	0%	\$4,000	\$30	\$50	\$150		\$6,000	30%	\$8,000	0.8337
16	VFP	\$3,000	20%	\$5,850	\$40	\$40	\$150		\$6,000	30%	\$11,700	0.7624
17	VFP	\$4,000	0%	\$5,000	\$30	\$50	\$150		\$8,000	30%	\$10,000	0.7884
18	VFP	\$4,000	20%	\$6,000	\$40	\$40	\$150		\$8,000	30%	\$12,000	0.7389
19	VFP	\$500	20%	\$1,500	\$20	\$20			\$1,000	30%	\$3,000	0.9985
20	VFP	\$500	20%	\$1,500	\$20	\$40	\$250	\$250	\$1,000	30%	\$3,000	1.0001
21	VFP	\$500	20%	\$1,750	\$20	\$20			\$1,000	30%	\$3,500	0.9855
22	VFP	\$5,000	0%	\$5,000	\$25	\$25			\$10,000	30%	\$10,000	0.7319
23	VFP	\$5,000	0%	\$5,000	\$25	\$25			\$10,000	30%	\$15,000	0.7317
24	VFP	\$5,000	0%	\$5,000	\$30	\$60			\$10,000	0%	\$10,000	0.7206

ER Copay: the displayed member copay goes toward the facility allowed charges. Associated physician and ancillary charges are then covered at 100%.
 The J Plan deductible applies only to infusion therapy, DME and prosthetics ambulance.

BlueCare LO Options (LO) and Open Access (OAP) Medical Plans

				In-Networ	k Benefits				Out-	of-Network Ben	efits	Relativity Factor
index	Product	Deductible	Coinsurance	Out-of- Pocket	Office Copay	Specialist Copay	ER ¹ Copay	AMB Copay	Deductible	Coinsurance	Out-of- Pocket	Active
1	LO	\$2,500	20%	\$5,000	\$20	\$20						0.7376
2	OAP	\$3,000	0%	\$4,100	\$30	\$30	\$100		\$6,000	30%	\$8,200	0.8155

1. ER Copay: the displayed member copay goes toward the facility allowed charges. Associated physician and ancillary charges are then covered at 100%.

2. For the LO product, Office and Specialist Copay can be under the deductible.

3. LO does not have Out-of-Network benefits.

Vermont Health Partnership (VHP) Medical Plans

				VHP In-	Network I	Benefits			VHP	Out-of-Networl	k Benefits	Relativity Factor
index	Product	IP	OP	PCP	SCP	ER	AMB	OOPM	Deductible	Coinsurance	Out-of-Pocket	Active
1	VHP ¹	\$0	\$0	\$10	\$20	\$50	\$50	\$7,900	\$500	30%	\$14,700	1.1269
2	VHP ¹	\$250	\$100	\$15	\$25	\$50	\$50	\$7,900	\$500	30%	\$14,700	1.1105
3	VHP ¹	\$250	\$125	\$20	\$40	\$150	\$0	\$7,900	\$500	30%	\$14,700	1.0834
4	VHP ¹	\$250	\$250	\$20	\$20	\$200	\$100	\$7,900	\$1,000	30%	\$14,700	1.0936
5	VHP ¹	\$500	\$250	\$20	\$30	\$100	\$0	\$7,900	\$500	30%	\$14,700	1.0893
6	VHP ¹	\$750	\$750	\$20	\$30	\$50	\$50	\$7,900	\$500	30%	\$14,700	1.0737

РСР	Primary Care Physician Copay
SCP	Specialist Physician Copay
IP	Inpatient Care Deductible (max of 3/yr per family)
OP	Outpatient Surgery Copay
ER	Emergency Room Copay
AMB	Ambulance Copay
OOPM	Per ACA, all copays accumulate toward the Out of Pocket Maximum

1. All VHP Plans have a DME rider benefit of: \$100 deductible, 20% coinsurance, built into the relativity.

2. ER Copay: the displayed member copay goes toward the facility allowed charges.

Associated physician and ancillary charges are the covered at 100%.

BlueCare (HMO) Medical Plans

					In-Netwo	ork Benef	its			Relativity Factor
index	Product	IP	OP	HOSP	РСР	SCP	ER	AMB	OOPM	Active
1	HMO	\$2,000	\$1,000		\$20	\$30	\$50	\$50	\$7,900	1.0660
2	HMO			\$3,000	\$20	\$30	\$100	\$50	\$7,900	1.0200
3	HMO	\$500	\$200		\$25	\$40	\$150	\$50	\$7,900	1.0791

PCP	Primary Care Physician Copay
SCP	Specialist Physician Copay
IP	Inpatient Care Deductible (max of 2/yr per family)
OP	Outpatient Surgery Copay
HOSP	Combined Inpatient Care & Outpatient Surgery Deductible (max of 2/yr per family)
ER	Emergency Room Copay
AMB	Ambulance Copay
OOPM	Per ACA, all copays accumulate toward the Out of Pocket Maximum

1. All HMO Plans have a DME rider benefit of: \$0 deductible, 20% coinsurance, built into the relativity.

2. ER Copay: the displayed member copay goes toward the facility allowed charges.

Associated physician and ancillary charges are the covered at 100%.

3. HMO Plans do not have Out-of-Network benefits.

BCBSVT Indemnity Consumer Driven Health Plans (CDHP's)

					In-Network				Relativity Factor
index	Product	Deductible	Coinsurance	Out-of-Pocket	RX OOPM Limit ³	Wellness Rx ¹	Drugs After Deductible ²	Diabetic Supplies	Active
1	CDHP	\$1,500	0%	\$1,500	\$1,350	0%	N/A	SAAO	1.1240
2	CDHP	\$1,500	0%	\$1,500	\$1,350	N/A	N/A	SAAO	1.1166
3	CDHP	\$1,500	20%	\$2,500	\$1,350	N/A	N/A	SAAO	1.0358
4	CDHP	\$2,000	0%	\$2,000	\$1,350	N/A	N/A	SAAO	1.0534
5	CDHP	\$2,000	20%	\$4,000	\$1,350	N/A	N/A	SAAO	0.9522
6	CDHP	\$2,500	0%	\$2,500	\$1,350	0%	N/A	SAAO	1.0135
7	CDHP	\$2,500	0%	\$2,500	\$1,350	\$10/\$30/\$50	N/A	SAAO	1.0091
8	CDHP	\$2,500	0%	\$2,500	\$1,350	N/A	N/A	SAAO	1.0024
9	CDHP	\$2,500	0%	\$3,500	\$1,350	0%	\$10/\$30/\$50	SAAO	1.0065
10	CDHP	\$2,500	20%	\$3,500	\$1,350	N/A	N/A	SAAO	0.9443
11	CDHP	\$2,500	20%	\$5,000	\$1,350	0%	N/A	SAAO	0.9168
12	CDHP	\$2,600	0%	\$2,600	\$1,350	0%	N/A	SAAO	1.0046
13	CDHP	\$2,600	20%	\$5,000	\$1,350	0%	N/A	SAAO	0.9124
14	CDHP	\$3,000	0%	\$3,000	\$1,350	N/A	\$10/\$35/\$50	SAAO	0.9600
15	CDHP	\$3,000	0%	\$3,000	\$1,350	0%	N/A	SAAO	0.9725
16	CDHP	\$3,000	0%	\$3,000	\$1,350	N/A	N/A	SAAO	0.9600
17	CDHP	\$3,000	20%	\$5,000	\$1,350	0%	N/A	SAAO	0.8963
18	CDHP	\$3,500	0%	\$3,500	\$1,350	0%	N/A	SAAO	0.9377
19	CDHP	\$4,000	0%	\$4,000	\$1,350	0%	N/A	SAAO	0.9077
20	CDHP	\$5,000	0%	\$5,000	\$1,350	0%	N/A	SAAO	0.8583
21	CDHP	\$6,000	0%	\$6,000	\$1,350	0%	N/A	SAAO	0.8190
22	CDHP	\$6,450	0%	\$6,450	\$1,350	N/A	N/A	SAAO	0.7875
23	CDHP	\$6,550	0%	\$6,550	\$1,350	0%	N/A	SAAO	0.8005
24	CDHP	\$6,550	0%	\$6,550	\$1,350	N/A	N/A	SAAO	0.7842
25	CDHP	\$6,650	0%	\$6,650	\$1,350	0%	N/A	SAAO	0.7974
26	CDHP	\$6,650	0%	\$6,650	\$1,350	N/A	N/A	SAAO	0.7810
27	CDHP	\$6,850	0%	\$6,850	\$1,350	0%	N/A	SAAO	0.7912
28	CDHP	\$7,150	0%	\$7,150	\$1,350	0%	N/A	SAAO	0.7823
29	CDHP	\$7,150	0%	\$7,150	\$1,350	N/A	N/A	SAAO	0.7657
30	CDHP	\$7,350	0%	\$7,350	\$1,350	0%	N/A	SAAO	0.7766

1. Wellness Rx: if applicable, cost sharing rules apply *before* the deductible is satisfied.

The member's cost share for Wellness Rx accumulates toward the Out-of-Pocket Maximum.

2. All other drugs are subject to deductible. Once the deductible is met, drugs are subject to the Drugs After Deductible cost share until the Out-of-Pocket Maximum is met.

3. The **Rx OOPM** Limit is as described in Vermont Act 171.

TVHP HMO Consumer Driven Health Plans (CDHP's)

					In-Network				Relativity Factor
index	Product	Deductible	Coinsurance	Out-of-Pocket	RX OOPM Limit ³	Wellness Rx ¹	Drugs After Deductible ²	Diabetic Supplies	Active
1	CDHP	\$1,500	0%	\$1,500	\$1,350	0%	N/A	SAAO	1.0735
2	CDHP	\$1,500	0%	\$1,500	\$1,350	N/A	N/A	SAAO	1.0661
3	CDHP	\$1,500	20%	\$2,500	\$1,350	N/A	N/A	SAAO	0.9875
4	CDHP	\$2,000	0%	\$2,000	\$1,350	N/A	N/A	SAAO	1.0042
5	CDHP	\$2,000	20%	\$4,000	\$1,350	N/A	N/A	SAAO	0.9067
6	CDHP	\$2,500	0%	\$2,500	\$1,350	0%	N/A	SAAO	0.9660
7	CDHP	\$2,500	0%	\$2,500	\$1,350	\$10/\$30/\$50	N/A	SAAO	0.9614
8	CDHP	\$2,500	0%	\$2,500	\$1,350	N/A	N/A	SAAO	0.9547
9	CDHP	\$2,500	0%	\$3,500	\$1,350	0%	\$10/\$30/\$50	SAAO	0.9592
10	CDHP	\$2,500	20%	\$3,500	\$1,350	N/A	N/A	SAAO	0.8986
11	CDHP	\$2,500	20%	\$5,000	\$1,350	0%	N/A	SAAO	0.8733
12	CDHP	\$2,600	0%	\$2,600	\$1,350	0%	N/A	SAAO	0.9576
13	CDHP	\$2,600	20%	\$5,000	\$1,350	0%	N/A	SAAO	0.8688
14	CDHP	\$3,000	0%	\$3,000	\$1,350	N/A	\$10/\$35/\$50	SAAO	0.9136
15	CDHP	\$3,000	0%	\$3,000	\$1,350	0%	N/A	SAAO	0.9262
16	CDHP	\$3,000	0%	\$3,000	\$1,350	N/A	N/A	SAAO	0.9136
17	CDHP	\$3,000	20%	\$5,000	\$1,350	0%	N/A	SAAO	0.8533
18	CDHP	\$3,500	0%	\$3,500	\$1,350	0%	N/A	SAAO	0.8927
19	CDHP	\$4,000	0%	\$4,000	\$1,350	0%	N/A	SAAO	0.8638
20	CDHP	\$5,000	0%	\$5,000	\$1,350	0%	N/A	SAAO	0.8164
21	CDHP	\$6,000	0%	\$6,000	\$1,350	0%	N/A	SAAO	0.7787
22	CDHP	\$6,450	0%	\$6,450	\$1,350	N/A	N/A	SAAO	0.7478
23	CDHP	\$6,550	0%	\$6,550	\$1,350	0%	N/A	SAAO	0.7611
24	CDHP	\$6,550	0%	\$6,550	\$1,350	N/A	N/A	SAAO	0.7446
25	CDHP	\$6,650	0%	\$6,650	\$1,350	0%	N/A	SAAO	0.7581
26	CDHP	\$6,650	0%	\$6,650	\$1,350	N/A	N/A	SAAO	0.7415
27	CDHP	\$6,850	0%	\$6,850	\$1,350	0%	N/A	SAAO	0.7522
28	CDHP	\$7,150	0%	\$7,150	\$1,350	0%	N/A	SAAO	0.7437
29	CDHP	\$7,150	0%	\$7,150	\$1,350	N/A	N/A	SAAO	0.7269
30	CDHP	\$7,350	0%	\$7,350	\$1,350	0%	N/A	SAAO	0.7383

1. Wellness Rx: if applicable, cost sharing rules apply *before* the deductible is satisfied.

2. All other drugs are subject to deductible. Once the deductible is met, drugs are subject to the Drugs

3. The **Rx OOPM** Limit is as described in Vermont Act 171.

Prescription Drug Cards

					Copay (\$) /	Coinsurance	(%)				Relativity
Index	Туре	Deductible	Retail Generic	Retail Preferred Brand	Retail Non- Preferred Brand	Mail Order Generic	Mail Order Preferred Brand	Mail Order Non- Preferred Brand	ООРМ	Diabetic Supplies	Active
1	CM1	\$100	\$5	40%	60%	\$10	40%	60%	\$1,350	SAAO	0.1810
2	CM2	\$0	\$5	\$50	50%	\$10	\$100	50%	\$1,350	SAAO	0.2146
3	COI	\$0	50%	50%	50%	50%	50%	50%	\$1,350	SAAO	0.1703
4	COP	\$0	\$10	\$20	\$40	\$20	\$40	\$80	\$1,350	SAAO	0.2698
5	COP	\$0	\$10	\$25	\$50	\$20	\$50	\$100	\$1,350	SAAO	0.2342
6	COP	\$0	\$10	\$30	\$50	\$20	\$60	\$100	\$1,350	SAAO	0.2161
7	COP	\$0	\$10	\$30	\$60	\$20	\$60	\$120	\$1,350	SAAO	0.2156
8	COP	\$0	\$10	\$35	\$60	\$20	\$70	\$120	\$1,350	SAAO	0.2123
9	COP	\$0	\$15	\$25	\$40	\$30	\$50	\$80	\$1,350	SAAO	0.2623
10	COP	\$0	\$15	\$30	\$45	\$30	\$60	\$90	\$1,350	SAAO	0.2273
11	COP	\$0	\$15	\$35	\$50	\$30	\$70	\$100	\$1,350	SAAO	0.2091
12	COP	\$0	\$20	\$40	\$60	\$40	\$80	\$120	\$1,350	SAAO	0.2036
13	COP	\$0	\$20	\$40	\$80	\$40	\$80	\$160	\$1,350	SAAO	0.2028
14	COP	\$0	\$25	\$50	\$75	\$50	\$100	\$150	\$1,350	SAAO	0.1962
15	COP	\$0	\$5	\$15	\$30	\$10	\$30	\$60	\$1,350	SAAO	0.2820
16	COP	\$0	\$5	\$30	\$50	\$10	\$60	\$100	\$1,350	SAAO	0.2231
17	COP	\$100	\$10	\$15	\$30	\$20	\$30	\$60	\$1,350	SAAO	0.2611
18	COP	\$100	\$10	\$25	\$45	\$20	\$50	\$90	\$1,350	SAAO	0.2234
19	COP	\$100	\$10	\$30	\$45	\$20	\$60	\$90	\$1,350	SAAO	0.2057
20	COP	\$100	\$10	\$30	\$50	\$20	\$60	\$100	\$1,350	100%	0.2101
21	COP	\$100	\$10	\$30	\$50	\$20	\$60	\$100	\$1,350	SAAO	0.2054
22	COP	\$100	\$10	\$40	\$60	\$20	\$80	\$120	\$1,350	SAAO	0.2007
23	COP	\$100	\$15	\$30	\$45	\$30	\$60	\$90	\$1,350	SAAO	0.2179
24	COP	\$100	\$5	\$20	\$40	\$10	\$40	\$80	\$1,350	SAAO	0.2315
25	COP	\$150	\$20	\$80	\$100	\$40	\$160	\$200	\$1,350	SAAO	0.1838
26	COP	\$50	\$10	\$20	\$35	\$20	\$40	\$70	\$1,350	SAAO	0.2643
27	COP	\$50	\$10	\$25	\$50	\$20	\$50	\$100	\$1,350	SAAO	0.2284
28	COP	\$50	\$10	\$30	\$50	\$20	\$60	\$100	\$1,350	SAAO	0.2105
29	COP	\$50	\$5	\$10	\$25	\$10	\$20	\$50	\$1,350	SAAO	0.2770

* Type: COI = coinsurance; COP = copay; CM1 = combined (COP/COI/COI); CM2 = combined (COP/COP/COI)
 * Diabetic: If "100%" then Diabetic medications and supplies are covered at 100% of allowed charges;

If "SAAO" then Diabetic medications and supplies are subject to cost sharing same as any other prescription drug.

Medicare Secondary Vermont Freedom Plan (VFP), Comprehensive (COMP), and Indemnity J-Plan (JPLAN)

				In-Networ	k Benefits				Out	of-Network Ben	efits	Relativity Factor
index	Product	Deductible	Coinsurance	Out-of- Pocket	Office Copay	Specialist Copay	ER ¹ Copay	AMB Copay	Deductible	Coinsurance	Out-of- Pocket	Medicare Secondary
1	JPLAN	\$100	20%	\$500	\$10	\$10						0.4367
2	JPLAN	\$100	20%	\$500	\$20	\$20						0.4263
3	VFP	\$0	0%	\$0	\$20	\$20	\$50		\$250	20%	\$1,000	0.4564
4	VFP	\$100	20%	\$500	\$10	\$10			\$200	30%	\$1,000	0.3926
5	VFP	\$1,000	0%	\$2,350	\$25	\$25	\$50	\$50	\$2,000	30%	\$3,500	0.3015
6	VFP	\$1,000	20%	\$3,500	\$25	\$40			\$2,000	30%	\$7,000	0.2588
7	VFP	\$500	20%	\$1,500	\$20	\$40	\$250	\$250	\$1,000	30%	\$3,000	0.3054
8	VFP	\$500	20%	\$1,600	\$10	\$10			\$1,000	30%	\$3,000	0.3224

1. ER Copay: the displayed member copay goes toward the facility allowed charges. Associated physician and ancillary charges are then covered at 100%.

2. The J Plan deductible applies only to infusion therapy, DME and prosthetics ambulance.

Medicare Secondary Consumer Driven Health Plans (CDHP's)

					In-Network				Relativity Factor
index	Product	Deductible	Coinsurance	Out-of-Pocket	RX OOPM Limit ³	Wellness Rx ¹	Drugs After Deductible ²	Diabetic Supplies	Medicare Secondary
1	CDHP	\$2,500	0%	\$2,500	\$1,350	0%	N/A	SAAO	0.7840
2	CDHP	\$3,000	0%	\$3,000	\$1,350	0%	N/A	SAAO	0.7566
3	CDHP	\$3,500	0%	\$3,500	\$1,350	0%	N/A	SAAO	0.7347
4	CDHP	\$5,000	0%	\$5,000	\$1,350	N/A	\$5/\$20/\$40	SAAO	0.6235
5	CDHP	\$7,150	0%	\$7,150	\$1,350	N/A	N/A	SAAO	0.5876

1. Wellness Rx: if applicable, cost sharing rules apply *before* the deductible is satisfied.

The member's cost share for Wellness Rx accumulates toward the Out-of-Pocket Maximum.

2. All other drugs are subject to deductible. Once the deductible is met, drugs are subject to the Drugs After Deductible cost share until the Out-of-Pocket Maximum is met.

3. The **Rx OOPM** Limit is as described in Vermont Act 171.

Medicare Secondary Prescription Drug Cards

					Copay (\$) /	Coinsurance	(%)				Relativity
Index	Туре	Deductible	Retail Generic	Retail Preferred Brand	Retail Non- Preferred Brand	Mail Order Generic	Mail Order Preferred Brand	Mail Order Non- Preferred Brand	ООРМ	Diabetic Supplies	Medicare Secondary
1	COP	\$0	\$10	\$20	\$40	\$20	\$40	\$80	\$1,350	SAAO	0.8268
2	COP	\$0	\$10	\$30	\$50	\$20	\$60	\$100	\$1,350	SAAO	0.6477
3	COP	\$0	\$15	\$30	\$45	\$30	\$60	\$90	\$1,350	SAAO	0.6750
4	COP	\$0	\$5	\$30	\$50	\$10	\$60	\$100	\$1,350	SAAO	0.6857
5	COP	\$100	\$10	\$30	\$45	\$20	\$60	\$90	\$1,350	SAAO	0.6287
6	COP	\$100	\$15	\$30	\$45	\$30	\$60	\$90	\$1,350	SAAO	0.6590
7	COP	\$50	\$5	\$10	\$25	\$10	\$20	\$50	\$1,350	SAAO	0.8813

* Type: COI = coinsurance; COP = copay; CM1 = combined (COP/COP/COI)

* Diabetic: If "100%" then Diabetic medications and supplies are covered at 100% of allowed charges;

If "SAAO" then Diabetic medications and supplies are subject to cost sharing same as any other prescription drug.

Vermont Freedom Plan (VFP), Comprehensive (COMP), and Indemnity J-Plan (JPLAN)

				In-Net	work Benefi	ts			Out-o	of-Network Ben	efits	
index	Product	Deductible	Coinsurance	Out-of- Pocket	Office Copay	Specialist Copay	ER ¹ Copay	AMB Copay	Deductible	Coinsurance	Out-of- Pocket	Leverage Factor
1	VFP	\$1,000	0%	\$2,000	\$30	\$50	\$150		\$2,000	30%	\$4,000	1.0045
2	VFP	\$1,000	0%	\$2,350	\$25	\$25	\$50	\$50	\$2,000	30%	\$3,500	1.0040
3	VFP	\$1,000	20%	\$2,300	\$20	\$20	\$100		\$2,000	30%	\$4,600	1.0051
4	VFP	\$1,000	20%	\$3,500	\$25	\$40			\$2,000	30%	\$7,000	1.0065
5	VFP	\$1,500	20%	\$3,000	\$25	\$45	\$250	\$250	\$3,000	30%	\$6,000	1.0063
6	VFP	\$200	20%	\$800	\$20	\$20			\$400	30%	\$1,600	1.0028
7	VFP	\$2,500	0%	\$2,500	\$20	\$30	\$200		\$5,000	30%	\$5,000	1.0060
8	VFP	\$2,500	20%	\$5,000	\$20	\$20			\$5,000	30%	\$10,000	1.0084
9	VFP	\$2,500	20%	\$5,150	\$20	\$40			\$5,000	30%	\$10,300	1.0089
10	VFP	\$300	10%	\$1,300	\$10	\$30	\$100	\$50	\$600	30%	\$2,600	1.0031
11	COMP	\$3,000	0%	\$3,000								1.0087
13	JPLAN ²	\$100	20%	\$7,900	\$10	\$10						1.0009

1. ER Copay: the displayed member copay goes toward the facility allowed charges. Associated physician and ancillary charges are the covered at 100%.

2. The J Plan deductible applies only to infusion therapy, DME and prosthetics ambulance.

Vermont Health Partnership (VHP) Medical Plans

				VHP In-N	etwork Bene	efits			VHP Ou	t-of-Network B	enefits	
index	Product	Inpatient Care Deductible ²	Outpatient Surgery Copay	Office Copay	Specialist Copay	ER ³ Copay	АМВ Сорау	Out-of- Pocket	Deductible	Coinsurance	Out-of- Pocket	Leverage Factor
1	VHP ¹	\$0	\$0	\$10	\$20	\$50	\$50	\$7,900	\$500	30%	\$14,700	1.0011
2	VHP ¹	\$250	\$100	\$15	\$25	\$50	\$50	\$7,900	\$500	30%	\$14,700	1.0014
3	VHP ¹	\$250	\$125	\$20	\$40	\$150	\$0	\$7,900	\$500	30%	\$14,700	1.0018
4	VHP ¹	\$250	\$250	\$20	\$20	\$200	\$100	\$7,900	\$1,000	30%	\$14,700	1.0016

1. All VHP Plans have a DME rider benefit of: \$100 deductible, 20% coinsurance, built into the relativity.

2. Maximum of 3/yr per family

3. ER Copay: the displayed member copay goes toward the facility allowed charges. Associated physician and ancillary charges are then covered at 100%.

BlueCare LO Options (LO) and Open Access (OAP) Medical Plans

_				In-Net	work Benefit	s			Out-c	of-Network Ben	efits	
index	Product	Deductible	Coinsurance	Out-of- Pocket	Office Copay	Specialist Copay	ER ¹ Copay	AMB Copay	Deductible	Coinsurance	Out-of- Pocket	Leverage Factor
1	LO	\$2,500	20%	\$5,000	\$20	\$20						1.0090
2	OAP	\$3,000	0%	\$4,100	\$30	\$30			\$6,000	30%	\$8,200	1.0069

1. ER Copay: the displayed member copay goes toward the facility allowed charges. Associated physician and ancillary charges are then covered at 100%.

2. For the LO product, Office and Specialist Copay can be under the deductible.

3. LO does not have Out-of-Network benefits.

BlueCare (HMO) Medical Plans

					In-Network	Benefits				
inde	C Product	Inpatient Care Deductible ²	Outpatient Surgery Copay	Combined Inpatient / Outpatient Deductible ²	Office Copay	Specialist Copay	ER ³ Copay	AMB Copay	Out-of- Pocket	Leverage Factor
1	HMO	\$2,000	\$1,000		\$20	\$30	\$50	\$50	\$7,900	1.0022
2	HMO			\$3,000	\$20	\$30	\$100	\$50	\$7,900	1.0030
3	HMO	\$500	\$200		\$25	\$40	\$150	\$50	\$7,900	1.0020

1. All HMO Plans have a DME rider benefit of: \$0 deductible, 20% coinsurance, built into the relativity.

2. Maximum of 2/yr per family

3. ER Copay: the displayed member copay goes toward the facility allowed charges. Associated physician and ancillary charges are the covered at 100%.

4. HMO Plans do not have Out-of-Network benefits.

BCBSVT Comprehensive Consumer Driven Health Plans (CDHP's)

				In	-Network				Leverag	e Factor
index	Product	Deductible	Coinsurance	Out-of- Pocket	RX OOPM Limit ³	Wellness Rx ¹	Drugs After Deductible ²	Diabetic Supplies	Medical	Rx
1	CDHP	\$1,500	0%	\$1,500	\$1,350	0%	N/A	SAAO	1.0053	1.0052
2	CDHP	\$2,500	20%	\$3,500	\$1,350	N/A	N/A	SAAO	1.0086	1.0109
3	CDHP	\$3,000	0%	\$3,000	\$1,350	0%	N/A	SAAO	1.0083	1.0065
4	CDHP	\$5,000	0%	\$5,000	\$1,350	0%	N/A	SAAO	1.0112	1.0071
5	CDHP	\$6,450	0%	\$6,450	\$1,350	N/A	N/A	SAAO	1.0126	1.0121
6	CDHP	\$7,150	0%	\$7,150	\$1,350	N/A	N/A	SAAO	1.0133	1.0122

TVHP HMO Consumer Driven Health Plans (CDHP's)

				In	-Network				Leverag	e Factor
index	Product	Deductible	Coinsurance	Out-of- Pocket	RX OOPM Limit ³	Wellness Rx ¹	Drugs After Deductible ²	Diabetic Supplies	Medical	Rx
1	CDHP	\$1,500	0%	\$1,500	\$1,350	0%	N/A	SAAO	1.0055	1.0053
2	CDHP	\$2,500	20%	\$3,500	\$1,350	N/A	N/A	SAAO	1.0088	1.0109
3	CDHP	\$3,000	0%	\$3,000	\$1,350	0%	N/A	SAAO	1.0086	1.0065
4	CDHP	\$5,000	0%	\$5,000	\$1,350	0%	N/A	SAAO	1.0115	1.0071
5	CDHP	\$6,450	0%	\$6,450	\$1,350	N/A	N/A	SAAO	1.0130	1.0121
6	CDHP	\$7,150	0%	\$7,150	\$1,350	N/A	N/A	SAAO	1.0137	1.0123

1. Wellness Rx: if applicable, cost sharing rules apply *before* the deductible is satisfied.

The member's cost share for Wellness Rx accumulates toward the Out-of-Pocket Maximum.

2. All other drugs are subject to deductible. Once the deductible is met, drugs are subject to the Drugs After Deductible cost share until the Out-of-Pocket Maximum is met.

3. The Rx OOPM Limit is as described in Vermont Act 171.

Prescription Drug Cards

Index	Туре	Deductible	Retail Generic	Retail Preferred Brand	Retail Non- Preferred Brand	Mail Order Generic	Mail Order Preferred Brand	Mail Order Non- Preferred Brand	ООРМ	Diabetic Supplies	Leverage Factor
1	CM1	\$100	\$5	40%	60%	\$10	40%	60%	\$1,350	SAAO	1.0091
2	CM2	\$0	\$5	\$50	50%	\$10	\$100	50%	\$1,350	SAAO	1.0061
3	COI	\$0	50%	50%	50%	50%	50%	50%	\$1,350	SAAO	1.0108
4	COP	\$0	\$10	\$20	\$40	\$20	\$40	\$80	\$1,350	SAAO	1.0052
5	COP	\$0	\$10	\$25	\$50	\$20	\$50	\$100	\$1,350	SAAO	1.0058
6	COP	\$0	\$10	\$30	\$50	\$20	\$60	\$100	\$1,350	SAAO	1.0062
7	COP	\$0	\$10	\$30	\$60	\$20	\$60	\$120	\$1,350	SAAO	1.0062
8	COP	\$0	\$10	\$35	\$60	\$20	\$70	\$120	\$1,350	SAAO	1.0064
9	COP	\$0	\$15	\$25	\$40	\$30	\$50	\$80	\$1,350	SAAO	1.0060
10	COP	\$0	\$15	\$30	\$45	\$30	\$60	\$90	\$1,350	SAAO	1.0066
11	COP	\$0	\$15	\$35	\$50	\$30	\$70	\$100	\$1,350	SAAO	1.0071
12	COP	\$0	\$20	\$40	\$60	\$40	\$80	\$120	\$1,350	SAAO	1.0078
13	COP	\$0	\$20	\$40	\$80	\$40	\$80	\$160	\$1,350	SAAO	1.0079
14	COP	\$0	\$25	\$50	\$75	\$50	\$100	\$150	\$1,350	SAAO	1.0086
15	COP	\$0	\$5	\$15	\$30	\$10	\$30	\$60	\$1,350	SAAO	1.0039
16	COP	\$0	\$5	\$30	\$50	\$10	\$60	\$100	\$1,350	SAAO	1.0051
17	COP	\$100	\$10	\$15	\$30	\$20	\$30	\$60	\$1,350	SAAO	1.0061
18	COP	\$100	\$10	\$25	\$45	\$20	\$50	\$90	\$1,350	SAAO	1.0071
19	COP	\$100	\$10	\$30	\$45	\$20	\$60	\$90	\$1,350	SAAO	1.0075
20	COP	\$100	\$10	\$30	\$50	\$20	\$60	\$100	\$1,350	100%	1.0070
21	COP	\$100	\$10	\$30	\$50	\$20	\$60	\$100	\$1,350	SAAO	1.0076
22	COP	\$100	\$10	\$40	\$60	\$20	\$80	\$120	\$1,350	SAAO	1.0080
23	COP	\$100	\$15	\$30	\$45	\$30	\$60	\$90	\$1,350	SAAO	1.0078
24	COP	\$100	\$5	\$20	\$40	\$10	\$40	\$80	\$1,350	SAAO	1.0061
25	COP	\$150	\$20	\$80	\$100	\$40	\$160	\$200	\$1,350	SAAO	1.0104
26	COP	\$50	\$10	\$20	\$35	\$20	\$40	\$70	\$1,350	SAAO	1.0057
27	COP	\$50	\$10	\$25	\$50	\$20	\$50	\$100	\$1,350	SAAO	1.0065
28	COP	\$50	\$10	\$30	\$50	\$20	\$60	\$100	\$1,350	SAAO	1.0069
29	COP	\$50	\$5	\$10	\$25	\$10	\$20	\$50	\$1,350	SAAO	1.0044

* Type: COI = coinsurance; COP = copay; CM1 = combined (COP/COI/COI); CM2 = combined (COP/COP/COI)
 * Diabetic: If "100%" then Diabetic medications and supplies are covered at 100% of allowed charges;

If "SAAO" then Diabetic medications and supplies are subject to cost sharing same as any other prescription drug.

Express Scripts Open Specialty Contract Adjustment Factors

							Projection E	Reginning						
	1	7/1/2019	8/1/2019	9/1/2019	10/1/2019	11/1/2019	12/1/2019	1/1/2020	2/1/2020	3/1/2020	4/1/2020	5/1/2020	6/1/2020	7/1/2020
	7/1/2015	0.9325	0.9323	0.9321	0.9319	0.9317	0.9315	0.9312	0.9310	0.9308	0.9306	0.9304	0.9302	0.9300
	8/1/2015	0.9335	0.9333	0.9331	0.9329	0.9327	0.9325	0.9323	0.9320	0.9318	0.9316	0.9314	0.9312	0.9310
	9/1/2015	0.9345	0.9343	0.9341	0.9339	0.9337	0.9335	0.9333	0.9331	0.9329	0.9326	0.9324	0.9322	0.9320
	10/1/2015	0.9356	0.9354	0.9351	0.9349	0.9347	0.9345	0.9343	0.9341	0.9339	0.9337	0.9334	0.9332	0.9330
	11/1/2015	0.9366	0.9364	0.9362	0.9360	0.9357	0.9355	0.9353	0.9351	0.9349	0.9347	0.9345	0.9343	0.9340
	12/1/2015	0.9376	0.9374	0.9372	0.9370	0.9368	0.9366	0.9363	0.9361	0.9359	0.9357	0.9355	0.9353	0.9351
	1/1/2016	0.9386	0.9384	0.9382	0.9380	0.9378	0.9376	0.9374	0.9372	0.9369	0.9367	0.9365	0.9363	0.9361
	2/1/2016	0.9397	0.9395	0.9392	0.9390	0.9388	0.9386	0.9384	0.9382	0.9380	0.9378	0.9375	0.9373	0.9371
	3/1/2016	0.9407	0.9405	0.9403	0.9401	0.9398	0.9396	0.9394	0.9392	0.9390	0.9388	0.9386	0.9384	0.9381
	4/1/2016	0.9417	0.9415	0.9413	0.9411	0.9409	0.9407	0.9405	0.9402	0.9400	0.9398	0.9396	0.9394	0.9392
	5/1/2016	0.9428	0.9426	0.9423	0.9421	0.9419	0.9417	0.9415	0.9413	0.9411	0.9408	0.9406	0.9404	0.9402
	6/1/2016	0.9438	0.9436	0.9434	0.9432	0.9430	0.9427	0.9425	0.9423	0.9421	0.9419	0.9417	0.9415	0.9412
	7/1/2016	0.9448	0.9446	0.9444	0.9442	0.9440	0.9438	0.9436	0.9433	0.9431	0.9429	0.9427	0.9425	0.9423
	8/1/2016	0.9454	0.9452	0.9450	0.9448	0.9445	0.9443	0.9441	0.9439	0.9437	0.9435	0.9433	0.9431	0.9428
E	9/1/2016	0.9460	0.9457	0.9455	0.9453	0.9451	0.9449	0.9447	0.9445	0.9442	0.9440	0.9438	0.9436	0.9434
x	10/1/2016	0.9465	0.9463	0.9461	0.9459	0.9457	0.9454	0.9452	0.9450	0.9448	0.9446	0.9444	0.9442	0.9440
р	11/1/2016	0.9471	0.9469	0.9466	0.9464	0.9462	0.9460	0.9458	0.9456	0.9454	0.9452	0.9449	0.9447	0.9445
e	12/1/2016	0.9476	0.9474	0.9472	0.9470	0.9468	0.9466	0.9464	0.9461	0.9459	0.9457	0.9455	0.9453	0.9451
r i	1/1/2017	0.9482	0.9480	0.9478	0.9476	0.9473	0.9471	0.9469	0.9467	0.9465	0.9463	0.9461	0.9458	0.9456
e	2/1/2017	0.9519	0.9516	0.9514	0.9512	0.9510	0.9508	0.9506	0.9504	0.9501	0.9499	0.9497	0.9495	0.9493
n	3/1/2017	0.9556	0.9553	0.9551	0.9549	0.9547	0.9545	0.9543	0.9540	0.9538	0.9536	0.9534	0.9532	0.9530
c	4/1/2017	0.9593	0.9591	0.9588	0.9586	0.9584	0.9582	0.9580	0.9578	0.9575	0.9573	0.9571	0.9569	0.9567
e	5/1/2017	0.9630	0.9628	0.9626	0.9624	0.9621	0.9619	0.9617	0.9615	0.9613	0.9611	0.9608	0.9606	0.9604
	6/1/2017	0.9668	0.9666	0.9664	0.9661	0.9659	0.9657	0.9655	0.9653	0.9650	0.9648	0.9646	0.9644	0.9642
В	7/1/2017 8/1/2017	0.9706 0.9744	0.9704 0.9742	0.9702 0.9740	0.9699 0.9737	0.9697 0.9735	0.9695 0.9733	0.9693 0.9731	0.9691 0.9729	0.9688 0.9726	0.9686 0.9724	0.9684 0.9722	0.9682 0.9720	0.9680 0.9718
e	9/1/2017	0.9744	0.9742	0.9740	0.9737	0.9733	0.9733	0.9731	0.9729	0.9726	0.9724	0.9722	0.9720	0.9718
g	10/1/2017	0.9782	0.9780	0.9778	0.9770	0.9773	0.9771	0.9709	0.9707	0.9703	0.9702	0.9700	0.9796	0.9794
i	11/1/2017	0.9821	0.9819	0.9810	0.9814	0.9812	0.9810	0.9808	0.9803	0.9803	0.9801	0.9799	0.9790	0.9833
n	12/1/2017	0.9899	0.9897	0.9894	0.9892	0.9890	0.9888	0.9885	0.9883	0.9881	0.9879	0.9877	0.9874	0.9872
n i	1/1/2018	0.9938	0.9936	0.9934	0.9932	0.9929	0.9927	0.9925	0.9923	0.9920	0.9918	0.9916	0.9914	0.9911
n	2/1/2018	0.9944	0.9942	0.9940	0.9937	0.9935	0.9933	0.9931	0.9928	0.9926	0.9924	0.9922	0.9919	0.9917
g	3/1/2018	0.9950	0.9948	0.9945	0.9943	0.9941	0.9939	0.9936	0.9934	0.9932	0.9930	0.9927	0.9925	0.9923
5	4/1/2018	0.9956	0.9953	0.9951	0.9949	0.9947	0.9944	0.9942	0.9940	0.9938	0.9935	0.9933	0.9931	0.9929
	5/1/2018	0.9961	0.9959	0.9957	0.9955	0.9952	0.9950	0.9948	0.9946	0.9943	0.9941	0.9939	0.9937	0.9934
	6/1/2018	0.9967	0.9965	0.9963	0.9960	0.9958	0.9956	0.9954	0.9951	0.9949	0.9947	0.9945	0.9942	0.9940
	7/1/2018		0.9971	0.9968	0.9966	0.9964	0.9962	0.9959	0.9957	0.9955	0.9953	0.9950	0.9948	0.9946
	8/1/2018			0.9971	0.9968	0.9966	0.9964	0.9962	0.9959	0.9957	0.9955	0.9953	0.9950	0.9948
	9/1/2018				0.9971	0.9968	0.9966	0.9964	0.9962	0.9959	0.9957	0.9955	0.9953	0.9950
	10/1/2018					0.9971	0.9968	0.9966	0.9964	0.9962	0.9959	0.9957	0.9955	0.9953
	11/1/2018						0.9971	0.9968	0.9966	0.9964	0.9962	0.9959	0.9957	0.9955
	12/1/2018							0.9971	0.9968	0.9966	0.9964	0.9962	0.9959	0.9957
	1/1/2019								0.9971	0.9968	0.9966	0.9964	0.9962	0.9959
	2/1/2019									0.9971	0.9968	0.9966	0.9964	0.9962
	3/1/2019										0.9971	0.9968	0.9966	0.9964
	4/1/2019											0.9971	0.9968	0.9966
	5/1/2019												0.9971	0.9968
	6/1/2019													0.9971

							Projection E	Beginning						
		7/1/2019	8/1/2019	9/1/2019	10/1/2019	11/1/2019	12/1/2019	1/1/2020	2/1/2020	3/1/2020	4/1/2020	5/1/2020	6/1/2020	7/1/2020
	9/1/2017	0.9679	0.9677	0.9675	0.9673	0.9671	0.9668	0.9666	0.9664	0.9662	0.9659	0.9657	0.9655	0.9653
Е	10/1/2017	0.9734	0.9732	0.9730	0.9728	0.9725	0.9723	0.9721	0.9719	0.9717	0.9714	0.9712	0.9710	0.9708
x	11/1/2017	0.9797	0.9795	0.9793	0.9791	0.9788	0.9786	0.9784	0.9782	0.9780	0.9777	0.9775	0.9773	0.9771
р	12/1/2017	0.9861	0.9859	0.9857	0.9855	0.9852	0.9850	0.9848	0.9846	0.9843	0.9841	0.9839	0.9837	0.9834
e	1/1/2018	0.9926	0.9924	0.9922	0.9919	0.9917	0.9915	0.9913	0.9910	0.9908	0.9906	0.9903	0.9901	0.9899
r	2/1/2018	0.9934	0.9932	0.9929	0.9927	0.9925	0.9923	0.9920	0.9918	0.9916	0.9913	0.9911	0.9909	0.9907
i	3/1/2018	0.9942	0.9939	0.9937	0.9935	0.9932	0.9930	0.9928	0.9926	0.9923	0.9921	0.9919	0.9917	0.9914
e	4/1/2018	0.9949	0.9947	0.9945	0.9943	0.9940	0.9938	0.9936	0.9933	0.9931	0.9929	0.9927	0.9924	0.9922
n	5/1/2018	0.9957	0.9955	0.9953	0.9950	0.9948	0.9946	0.9943	0.9941	0.9939	0.9937	0.9934	0.9932	0.9930
c	6/1/2018	0.9965	0.9963	0.9960	0.9958	0.9956	0.9953	0.9951	0.9949	0.9947	0.9944	0.9942	0.9940	0.9938
e	7/1/2018		0.9970	0.9968	0.9966	0.9964	0.9961	0.9959	0.9957	0.9954	0.9952	0.9950	0.9948	0.9945
В	8/1/2018			0.9968	0.9966	0.9964	0.9961	0.9959	0.9957	0.9954	0.9952	0.9950	0.9948	0.9945
e	9/1/2018				0.9966	0.9964	0.9961	0.9959	0.9957	0.9954	0.9952	0.9950	0.9948	0.9945
g	10/1/2018					0.9964	0.9961	0.9959	0.9957	0.9954	0.9952	0.9950	0.9948	0.9945
i	11/1/2018						0.9964	0.9962	0.9960	0.9957	0.9955	0.9953	0.9951	0.9948
n	12/1/2018							0.9965	0.9963	0.9960	0.9958	0.9956	0.9954	0.9951
n	1/1/2019								0.9966	0.9963	0.9961	0.9959	0.9957	0.9954
i	2/1/2019									0.9967	0.9964	0.9962	0.9960	0.9957
n	3/1/2019										0.9967	0.9965	0.9963	0.9960
g	4/1/2019											0.9968	0.9966	0.9963
	5/1/2019												0.9969	0.9966
	6/1/2019													0.9970
	1													

Tier Factors for Benefits with Separate Medical and Pharmacy Deductibles

		2-Ti	er		3-Tier			4-	Tier	
Out-of-Pocket								Subscriber	Subscriber	
Range	Туре	Single	Family	Single	2-Person	Family	Single	& Spouse	& Children	Family
NA/Stacked	2x Family	1.000	2.376	1.000	2.000	2.822	1.000	2.000	1.746	2.911
NA/Stacked	2.5x Family	1.000	2.370	1.000	2.000	2.811	1.000	2.000	1.744	2.900
NA/Stacked	3x Family	1.000	2.369	1.000	2.000	2.808	1.000	2.000	1.744	2.896
\$0 - \$3,499	Hybrid	1.000	2.292	1.000	1.817	2.742	1.000	1.909	1.673	2.831
\$3,500 - \$4,999	Hybrid	1.000	2.203	1.000	1.747	2.636	1.000	1.837	1.595	2.724
\$5,000 - \$7,350	Hybrid	1.000	2.211	1.000	1.761	2.637	1.000	1.853	1.595	2.726

Tier Factors for Benefits with Integrated Medical and Pharmacy Deductibles

		2-Ti	er		3-Tier			4-	Tier	
Out-of-Pocket								Subscriber	Subscriber	
Range	Туре	Single	Family	Single	2-Person	Family	Single	& Spouse	& Children	Family
NA/Stacked	2x Family	1.000	2.376	1.000	2.000	2.822	1.000	2.000	1.746	2.911
NA/Stacked	2.5x Family	1.000	2.370	1.000	2.000	2.811	1.000	2.000	1.744	2.900
NA/Stacked	3x Family	1.000	2.369	1.000	2.000	2.808	1.000	2.000	1.744	2.896
\$0 - \$3,499	Aggregate	1.000	2.269	1.000	1.776	2.737	1.000	1.872	1.617	2.831
\$3,500 - \$4,999	Aggregate	1.000	2.189	1.000	1.715	2.639	1.000	1.810	1.549	2.732
\$5,000 - \$7,350	Aggregate	1.000	2.118	1.000	1.662	2.551	1.000	1.754	1.496	2.642
\$0 - \$3,499	Hybrid	1.000	2.269	1.000	1.776	2.737	1.000	1.872	1.617	2.831
\$3,500 - \$4,999	Hybrid	1.000	2.195	1.000	1.722	2.643	1.000	1.817	1.555	2.735
\$5,000 - \$7,350	Hybrid	1.000	2.217	1.000	1.772	2.639	1.000	1.868	1.584	2.730

Example of Manual Rate Adjustment

Manual Rate Average Age/Gender Factor Average Industry Factor Projection Period Trend Factor	\$550.21 1.000 1.000 1/1/2020 7.50%			
Group Information Age/Gender Factor Industry Factor Projection Period	Active 0.940 0.965 7/1/2020	Medicare Prin 1.030 1.000	-	
Contract Conversion Single Two-Person Family	Contract Distribution 25 25 50 100	Members 25 50 197 272	Tier Factor 1 2.000 2.822	"Contract Tiers" 25 50 141.09 216.09

		Active	Medicare Primary
Manual Rate	А	\$550.21	\$360.11
Adjustment for Age/Gender	B = 0.94 / 1	0.9400	1.0300
Adjustment for Industry	C = 0.965 / 1	0.9650	1.0000
Adjustment for Trend	D = 7.5% for 6 months	1.0368	1.0368
Pharmacy Contract Adjustment	E =	0.9986	0.9986
Contract Conversion Factor	F = 216.09 / 272	1.2587	1.0000
Adjusted Manual Rate	$G = A \times B \times C \times D \times E \times F$	\$650.48	\$384.05

Industry Factors

2-Digit Code Industry Description	Normalize Factor
01 Agricultural Production - Crops	0.
02 Agricultural Production - Livestock And Animal Specialties	0.
07 Agricultural Services	0.
08 Forestry	0.
09 Fishing, Hunting And Trapping	1.
10 Metal Mining	1.
12 Coal Mining	1.
13 Oil And Gas Extraction	1.
14 Mining And Quarrying Of Nonmetallic Minerals, Except Fuels	1.
	0.
15 Building Costreto - General Contractors & Operative Builders	
16 Heavy Costricton, Except Building Construction - Contractors	0.
17 Construction - Special Trade Contractors	0.
20 Food And Kindred Products	0.
21 Tobacco Products	1.
22 Textile Mill Products	0.
23 Apparel, Finished Prdcts From Fabrics & Similar Materials	0.
24 Lumber And Wood Products, Except Furniture	1.
25 Furniture And Fixtures	0.
26 Paper And Allied Products	0.
27 Printing, Publishing And Allied Industries	0.
28 Chemicals And Allied Products	0.
29 Petroleum Refining And Related Industries	1.
30 Rubber And Miscellaneous Plastic Products	0.
31 Leather And Leather Products	0.
32 Stone, Clay, Glass, And Concrete Products	0.
33 Primary Metal Industries	0.
34 Fabricated Metal Prdcts, Except Machinery & Transport Eqpmnt	0.
35 Industrial And Commercial Machinery And Computer Equipment	0.
36 Electronic, Elctrcl Eqpmnt & Cmpnts, Excpt Computer Eqpmnt	0.
37 Transportation Equipment	0.
38 Mesr/Anlyz/Cntrl Instrmnts; Photo/Med/Opt Gds; Watchs/Clocks	0.
39 Miscellaneous Manufacturing Industries	0.
40 Railroad Transportation	1.
41 Local, Suburban Transit & Interurbn Hgwy Passenger Transport	1
42 Motor Freight Transportation	1.
43 United States Postal Service	0.
44 Water Transportation	1
45 Transportation By Air	0
46 Pipelines, Except Natural Gas	0
47 Transportation Services	0
48 Communications	0.
49 Electric, Gas And Sanitary Services	0.
50 Wholesale Trade - Durable Goods	0
51 Wholesale Trade - Nondurable Goods	0.
52 Building Matrials, Hrdwr, Garden Supply & Mobile Home Dealrs	0.
53 General Merchandise Stores 54 Food Stores	0.
	0.
55 Automotive Dealers And Gasoline Service Stations	1.
56 Apparel And Accessory Stores	0.
57 Home Furniture, Furnishings And Equipment Stores	0.
58 Eating And Drinking Places	1.
59 Miscellaneous Retail	0.
60 Depository Institutions	0.
61 Nondepository Credit Institutions	0.
62 Security & Commodity Brokers, Dealers, Exchanges & Services	0
63 Insurance Carriers	0.
64 Insurance Agents, Brokers And Service	0
65 Real Estate	0.
67 Holding And Other Investment Offices	0
70 Hotels, Rooming Houses, Camps, And Other Lodging Places	1

Industry Factors

2-Digit	Normalized
SIC Code Industry Description	Factor
72 Personal Services	1.015
73 Business Services	0.957
75 Automotive Repair, Services And Parking	1.006
76 Miscellaneous Repair Services	0.971
78 Motion Pictures	0.983
79 Amusement And Recreation Services	1.056
80 Health Services	1.113
81 Legal Services	1.004
82 Educational Services	0.961
83 Social Services	1.113
84 Museums, Art Galleries And Botanical And Zoological Gardens	0.968
86 Membership Organizations	1.017
87 Engineering, Accounting, Research, Management & Related Svcs	0.919
88 Private Households	0.968
89 Services, Not Elsewhere Classified	0.972
91 Executive, Legislative & General Government, Except Finance	1.113
92 Justice, Public Order And Safety	1.113
93 Public Finance, Taxation And Monetary Policy	1.026
94 Administration Of Human Resource Programs	1.032
95 Administration Of Environmental Quality And Housing Programs	1.024
96 Administration Of Economic Programs	1.026
97 National Security And International Affairs	1.057
99 Nonclassifiable Establishments	0.968

Development of Two Experience Period Factor

Years of Experience		1	2
Projected Experience Rate Claims	a	\$39,590,098	\$39,590,098
Projected Manual Rate Claims			
Groups with >1 year of Experience	b1		\$25,191,582
Groups with <1 year of Experience	b2		\$1,104,174
Total Projected Manual Claims	b = b1 + b2	\$45,719,213	\$26,295,756
Projected Experience Rate Claims, First Preceding			
Year	с		\$19,569,594
Total Projected Claims	d = a + b + c	\$85,309,311	\$85,455,448
Difference from Year 1 Claims	e = Total Y2 - Total Y1		\$146,137
Two Period Manual Rate Adjustment Factor	f = 1 - (e/b1)		0.9942
Adjusted Projected Manual Claims	g = f x b1		\$25,045,444
Adjusted Total Projected Claims	h = a + b2 + c + g	\$85,309,311	\$85,309,311
Two Period Manual Rate Adjustment Factor	f		0.9942

Years of Experience		1	3
Projected Experience Rate Claims	a	\$39,590,098	\$39,590,098
Projected Manual Rate Claims			
Groups with >2 years of Experience	b1		\$14,264,574
Groups with 1 to 2 years of Experience	b2a		\$1,686,819
2-Period Manual Rate Adjustment Factor	b2b		0.9942
Adjusted Manual Claims	b2c		\$1,677,034
Groups with <1 year of Experience	b3		\$1,104,174
Total Projected Manual Claims	b = b1 + b2c + b3	\$45,719,213	\$17,045,782
Projected Experience Rate Claims, First Preceding			
Year	c1		\$19,569,594
Projected Experience Rate Claims, Second Preceding			
Year	c2		\$10,253,025
Total Projected Claims	d = a +b + c1 + c2	\$85,309,311	\$86,458,500
Difference from Year 1 Claims	e = Total Y3 - Total Y1		\$1,149,189
Three Period Manual Rate Adjustment Factor	f = 1 - (e/b1)		0.9194
Adjusted Projected Manual Claims	g = f x b1		\$13,115,386
	h = a + b2c + b3 + c1 + c2		
Adjusted Total Projected Claims	+ g	\$85,309,311	\$85,309,311
Three Period Manual Rate Adjustment Factor	f		0.9194

BLUE CROSS AND BLUE SHIELD OF VERMONT and THE VERMONT HEALTH PLAN Q3 2019 LARGE GROUP RATING PROGRAM FILING ADMINISTRATIVE CHARGES DEVELOPMENT

Reconciliation of Experience Base Administrative Expense to Restated GAAP Expenses

(Dollars in 000's)

	11/17 - 10/18	Rec	onciliation to GAAF) ⁽¹⁾
	Experience		Reclassification	Reported
Business Segment	Base	Commissions	ltems ⁽²⁾	Expenses
Large Group				
BCBSVT Insured	\$6,055	\$1,534	(\$1,876)	\$9,466
TVHP Insured	\$2,125	\$376	(\$389)	\$2,890
Insured Large Group Subtotal	\$8,181	\$1,910	(\$2,265)	\$12,356
BCBSVT Cost Plus ⁽³⁾ and ASO	\$27,060	\$1,002	(\$1,064)	\$29,126
Individual/Other				
BCBSVT Small Group (QHP and Non-QHP)	\$14,554	\$0	(\$5,079)	\$19,632
BCBSVT Individual (QHP and Non-QHP)	\$12,764	\$0	(\$4,056)	\$16,819
TVHP Small Group	\$0	\$0	\$0	\$0
Medicare Supplement	\$1,346	\$1	(\$83)	\$1,430
TVHP Medigap Blue	\$2,844	\$3	(\$165)	\$3,012
Other Member Categories				
FEP	\$4,100	\$0	(\$1,521)	\$5,621
Blue MedicareRx	\$1,140	\$0	(\$86)	\$1,225
Other Categories				
CBA	\$9,764	\$8	(\$63)	\$9,835
Host	\$1,318	\$0	(\$155)	\$1,473
НWP	\$278	\$0	\$0	\$278
Total	\$83,348	\$2,924	(\$14,536)	\$100,808

Notes:

(1) Sources: Commissions and Reclassification Items are from Internal BCBSVT reports. Reported Expenses are from Underwriting Results GAAP Basis, restated for the new allocation, for the Experience Base period.

(2) Reclassification Items include the removal of federal fees, GMCB billback, and fees paid to our vendor Health Equity for the administration of Health Savings Accounts and Health Reimbursement Accounts linked to our insurance products.

(3) Allocation of expenses for Cost Plus members with Med Supp coverage based on cost PMPM for insured Med Supp members. In GAAP financials, expenses are included in Large Group Cost Plus.

BLUE CROSS AND BLUE SHIELD OF VERMONT and THE VERMONT HEALTH PLAN Q3 2019 LARGE GROUP RATING PROGRAM FILING ADMINISTRATIVE CHARGES DEVELOPMENT

Administrative Charges PUPM

							Large Group	
Unit		Account	Member	Contract	Medical Claim	Projected Claims	Subtotal	CP Medsup
Administrative Expenses	А	\$1,209,304	\$3,220,572	\$353,804	\$590,323	\$2,806,731	\$8,180,734	
Unit Months	В	801	178,387	92,657	454,003	\$97,490,938		
Expense PUPM	C = A / B	\$1,509.74	\$18.05	\$3.82	\$1.30			\$33.31
Increase for Membership	D	1.0%	1.0%	1.0%	1.0%			1.0%
Updated Expense PUPM	E = (1+D) x C	\$1,525.16	\$18.24	\$3.86	\$1.31	3.0%		\$33.65
Annual Trend	F	2.5%	2.5%	2.5%	2.5%	2.5%		2.5%
Monthly Trend Factor	$G = (1+F)^{(1/12)}$	1.0021	1.0021	1.0021	1.0021	1.0021		1.0021
Months of Trend to First Effective Period	Н	14	14	14	14	14		14
Projection Periods								
Effective Date		Account	Member	Contract	Medical Claim	Projected Claims		
Jan-19	I = E x G ^ (H)	\$1,569.82	\$18.77	\$3.97	\$1.35	3.0%		\$34.63
Feb-19	J = I x G	\$1,573.06	\$18.81	\$3.98	\$1.35	3.0%		\$34.70
Mar-19	$K = J \times G$	\$1,576.30	\$18.85	\$3.99	\$1.36	3.0%		\$34.78
Apr-19		\$1,579.56	\$18.89	\$3.99	\$1.36	3.0%		\$34.85
May-19		\$1,582.82	\$18.93	\$4.00	\$1.36	3.0%		\$34.92
Jun-19		\$1,586.08	\$18.97	\$4.01	\$1.37	3.0%		\$34.99
Jul-19		\$1,589.36	\$19.01	\$4.02	\$1.37	3.0%		\$35.06
Aug-19		\$1,592.64	\$19.05	\$4.03	\$1.37	3.0%		\$35.14
Sep-19		\$1,595.92	\$19.08	\$4.04	\$1.37	3.0%		\$35.21
Oct-19		\$1,599.22	\$19.12	\$4.04	\$1.38	3.0%		\$35.28
Nov-19		\$1,602.52	\$19.16	\$4.05	\$1.38	3.0%		\$35.35
Dec-19		\$1,605.82	\$19.20	\$4.06	\$1.38	3.0%		\$35.43
Jan-20		\$1,609.14	\$19.24	\$4.07	\$1.39	3.0%		\$35.50
Feb-20		\$1,612.46	\$19.28	\$4.08	\$1.39	3.0%		\$35.57
Mar-20		\$1,615.79	\$19.32	\$4.09	\$1.39	3.0%		\$35.65
Apr-20		\$1,619.12	\$19.36	\$4.09	\$1.39	3.0%		\$35.72

AGGREGATE STOP LOSS RATE FACTORS*

ISL limit	Members	110%	115%	120%	125%	130%
\$30,000	25	12.904%	10.617%	8.675%	7.051%	5.708%
\$30,000	50	8.209%	6.245%	4.716%	3.543%	2.662%
\$30,000	100	5.136%	3.514%	2.387%	1.636%	1.158%
\$30,000	150	3.848%	2.464%	1.590%	1.071%	0.782%
\$30,000	200	3.116%	1.896%	1.190%	0.815%	0.632%
\$30,000	300	2.337%	1.335%	0.834%	0.616%	0.535%
\$30,000	400	1.850%	1.025%	0.672%	0.546%	0.510%
\$30,000	500	1.541%	0.858%	0.602%	0.524%	0.505%
\$30,000	600	1.295%	0.734%	0.554%	0.510%	0.502%
\$30,000	700	1.166%	0.678%	0.537%	0.507%	0.501%
\$30,000	800	1.026%	0.624%	0.523%	0.504%	0.501%
\$30,000	900	0.943%	0.593%	0.515%	0.503%	0.501%
\$30,000	1,000	0.866%	0.571%	0.511%	0.503%	0.501%
\$30,000	1,500	0.658%	0.520%	0.504%	0.502%	0.501%
\$30,000	2,000	0.580%	0.509%	0.503%	0.502%	0.501%
\$30,000	3,000	0.526%	0.504%	0.503%	0.502%	0.501%
\$30,000	4,000	0.511%	0.504%	0.503%	0.502%	0.501%
\$30,000	5,000	0.507%	0.504%	0.503%	0.502%	0.501%
\$30,000	10,000	0.505%	0.504%	0.503%	0.502%	0.501%
\$30,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$35,000	25	13.731%	11.413%	9.430%	7.756%	6.355%
\$35,000	50	8.755%	6.749 %	5.166%	3.938%	3.000%
\$35,000	100	5.507%	3.833%	2.644%	1.833%	1.301%
\$35,000	150	4.132%	2.692%	1.759%	1.188%	0.857%
\$35,000	200	3.346%	2.071%	1.309%	0.888%	0.673%
\$35,000	300	2.523%	1.461%	0.908%	0.653%	0.550%
\$35,000	400	1.996%	1.112%	0.714%	0.562%	0.514%
\$35,000	500	1.669%	0.928%	0.632%	0.534%	0.507%
\$35,000	600	1.402%	0.785%	0.572%	0.515%	0.503%
\$35,000	700	1.262%	0.721%	0.551%	0.510%	0.502%
\$35,000	800	1.109%	0.655%	0.531%	0.506%	0.501%
\$35,000	900	1.018%	0.620%	0.521%	0.504%	0.501%
\$35,000	1,000	0.933%	0.592%	0.516%	0.503%	0.501%
\$35,000	1,500	0.696%	0.527%	0.505%	0.502%	0.501%
\$35,000	2,000	0.601%	0.511%	0.503%	0.502%	0.501%
\$35,000	3,000	0.534%	0.505%	0.503%	0.502%	0.501%
\$35,000	4,000	0.514%	0.504%	0.503%	0.502%	0.501%
\$35,000	5,000	0.508%	0.504%	0.503%	0.502%	0.501%

* Applied to projected claims under ISL

AGGREGATE STOP LOSS RATE FACTORS*

ISL limit	Members	110%	115%	120%	125%	130%
\$35,000	10,000	0.505%	0.504%	0.503%	0.502%	0.501%
\$35,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$40,000	25	14.476%	12.137%	10.124%	8.408%	6.959%
\$40,000	50	9.256%	7.214%	5.584%	4.306%	3.319%
\$40,000	100	5.846%	4.128%	2.887%	2.024%	1.443%
\$40,000	150	4.386%	2.901%	1.917%	1.301%	0.932%
\$40,000	200	3.555%	2.233%	1.423%	0.961%	0.716%
\$40,000	300	2.693%	1.581%	0.981%	0.691%	0.568%
\$40,000	400	2.135%	1.200%	0.760%	0.582%	0.521%
\$40,000	500	1.786%	0.995%	0.662%	0.546%	0.511%
\$40,000	600	1.501%	0.836%	0.591%	0.520%	0.504%
\$40,000	700	1.353%	0.763%	0.566%	0.514%	0.503%
\$40,000	800	1.186%	0.687%	0.540%	0.508%	0.502%
\$40,000	900	1.089%	0.647%	0.528%	0.505%	0.501%
\$40,000	1,000	0.995%	0.614%	0.521%	0.504%	0.501%
\$40,000	1,500	0.734%	0.535%	0.505%	0.502%	0.501%
\$40,000	2,000	0.623%	0.514%	0.503%	0.502%	0.501%
\$40,000	3,000	0.543%	0.505%	0.503%	0.502%	0.501%
\$40,000	4,000	0.517%	0.504%	0.503%	0.502%	0.501%
\$40,000	5,000	0.509%	0.504%	0.503%	0.502%	0.501%
\$40,000	10,000	0.505%	0.504%	0.503%	0.502%	0.501%
\$40,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$45,000	25	15.170%	12.816%	10.777%	9.026%	7.531%
\$45,000	50	9.724%	7.653%	5 .98 5%	4.662%	3.627%
\$45,000	100	6.161%	4.406%	3.121%	2.211%	1.585%
\$45,000	150	4.619%	3.095%	2.067%	1.410%	1.007%
\$45,000	200	3.748%	2.384%	1.533%	1.033%	0.760%
\$45,000	300	2.850%	1 .694 %	1.052%	0.731%	0.587%
\$45,000	400	2.264%	1.285%	0.806%	0.603%	0.529%
\$45,000	500	1 .89 1%	1.056%	0.691%	0.556%	0.514%
\$45,000	600	1.595%	0.886%	0.612%	0.526%	0.505%
\$45,000	700	1.438%	0.806%	0.582%	0.518%	0.503%
\$45,000	800	1.259%	0.719%	0.550%	0.510%	0.502%
\$45,000	900	1.155%	0.674%	0.536%	0.506%	0.501%
\$45,000	1,000	1.056%	0.637%	0.527%	0.505%	0.501%
\$45,000	1,500	0.770%	0.544%	0.507%	0.502%	0.501%
\$45,000	2,000	0.646%	0.518%	0.504%	0.502%	0.501%
\$45,000	3,000	0.553%	0.506%	0.503%	0.502%	0.501%

* Applied to projected claims under ISL

ISL limit Members 110% 115% 120% 125% 130% \$45,000 4,000 0.521% 0.504% 0.503% 0.502% 0.501% 5,000 0.502% \$45,000 0.511% 0.504% 0.503% 0.501% \$45,000 10,000 0.505% 0.504% 0.503% 0.502% 0.501% \$45,000 20,000 0.405% 0.404% 0.403% 0.402% 0.401% 25 9.601% 8.071% \$50,000 15.813% 13.447% 11.383% 50 10.157% 3.922% \$50,000 8.062% 6.361% 5.000% 100 2.388% 1.722% \$50,000 6.452% 4.663% 3.340% \$50,000 150 4.834% 3.277% 2.209% 1.515% 1.081% 200 3.926% 2.526% \$50,000 1.637% 1.104% 0.804% \$50,000 300 2.994% 1.800% 1.121% 0.771% 0.607% 2.385% \$50,000 400 1.366% 0.853% 0.625% 0.538% 0.722% \$50,000 500 1.993% 1.119% 0.569% 0.518% 600 0.934% \$50,000 1.683% 0.632% 0.533% 0.507% 700 \$50,000 1.518% 0.847% 0.598% 0.523% 0.505% 0.750% \$50,000 800 1.326% 0.560% 0.513% 0.503% \$50,000 900 1.219% 0.701% 0.544% 0.508% 0.502% \$50,000 1,000 1.113% 0.659% 0.533% 0.506% 0.501% \$50,000 1,500 0.805% 0.553% 0.508% 0.502% 0.501% \$50,000 2,000 0.669% 0.522% 0.504% 0.502% 0.501% \$50,000 3,000 0.563% 0.507% 0.503% 0.502% 0.501% \$50,000 4,000 0.526% 0.504% 0.503% 0.502% 0.501% \$50,000 5,000 0.513% 0.504% 0.503% 0.502% 0.501% \$50,000 10,000 0.505% 0.504% 0.503% 0.502% 0.501% \$50,000 20,000 0.405% 0.404% 0.403% 0.402% 0.401% 25 \$55,000 16.415% 14.040% 11.955% 10.144% 8.585% 50 10.567% 8.451% 5.322% 4.205% \$55,000 6.720% \$55,000 100 6.724% 4.905% 3.548% 2.558% 1.856% 3.449% \$55,000 150 5.037% 2.345% 1.617% 1.154% \$55,000 200 4.095% 2.661% 1.738% 1.174% 0.849%

AGGREGATE STOP LOSS RATE FACTORS*

* Applied to projected claims under ISL

\$55,000

\$55,000

\$55,000

\$55,000

\$55,000

\$55,000

\$55,000

\$55,000 \$55,000 300

400

500

600

700

800

900

1,000

1,500

3.127%

2.498%

2.089%

1.766%

1.594%

1.390%

1.278%

1.168%

0.840%

1.900%

1.445%

1.180%

0.982%

0.888%

0.780%

0.728%

0.682%

0.562%

1.187%

0.899%

0.754%

0.654%

0.615%

0.571%

0.552%

0.540%

0.509%

0.810%

0.648%

0.582%

0.541%

0.529%

0.516%

0.510%

0.508%

0.502%

0.628%

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ISL limit Members 110% 115% 120% 125% 130% \$55,000 2,000 0.691% 0.526% 0.504% 0.502% 0.501% 3,000 0.573% 0.502% \$55,000 0.508% 0.503% 0.501% \$55,000 4,000 0.530% 0.505% 0.503% 0.502% 0.501% \$55,000 5,000 0.515% 0.504% 0.503% 0.502% 0.501% 0.502% 0.501% \$55,000 10.000 0.505% 0.504% 0.503% 0.402% \$55.000 20.000 0.405% 0.404% 0.403% 0.401% 25 \$60,000 16.972% 14.591% 12.491% 10.655% 9.070% \$60,000 50 10.953% 8.816% 7.058% 5.627% 4.476% 100 5.135% \$60,000 6.982% 3.745% 2.722% 1.988% \$60,000 150 5.227% 3.612% 2.477% 1.716% 1.226% \$60,000 200 4.254% 2.790% 1.836% 1.243% 0.893% \$60,000 300 3.252% 1.995% 1.252% 0.849% 0.650% 400 1.520% 0.672% \$60,000 2.604% 0.944% 0.559% \$60,000 500 2.179% 1.237% 0.785% 0.596% 0.528% \$60,000 600 1.839% 1.024% 0.672% 0.547% 0.510% \$60,000 700 1.665% 0.927% 0.633% 0.535% 0.508% \$60,000 800 1.451% 0.811% 0.583% 0.519% 0.504% \$60,000 900 1.335% 0.754% 0.561% 0.512% 0.502% \$60,000 1.220% 1,000 0.705% 0.547% 0.509% 0.502% \$60,000 1,500 0.873% 0.572% 0.511% 0.503% 0.501% \$60,000 2,000 0.714% 0.531% 0.505% 0.502% 0.501% \$60,000 3,000 0.584% 0.509% 0.503% 0.502% 0.501% 0.505% \$60,000 4,000 0.535% 0.503% 0.502% 0.501% \$60,000 5,000 0.518% 0.504% 0.503% 0.502% 0.501% 0.505% 0.502% \$60,000 10,000 0.504% 0.503% 0.501% 0.403% 20,000 0.405% 0.404% 0.402% 0.401% \$60,000 25 \$65,000 17.497% 15.109% 12.996% 11.140% 9.529% 11.314% 9.159% 5.916% 4.733% \$65,000 50 7.376% \$65,000 100 7.224% 5.350% 3.933% 2.879% 2.115% \$65,000 150 5.406% 3.767% 2.603% 1.813% 1.297% \$65,000 200 4.405% 2.914% 1.930% 1.311% 0.938% 300 2.084% \$65,000 3.369% 1.314% 0.888% 0.672% 400 \$65,000 2.703% 1.591% 0.988% 0.696% 0.570% \$65,000 500 2.264% 1.294% 0.816% 0.611% 0.534% \$65,000 600 1.913% 1.069% 0.694% 0.555% 0.513% \$65,000 700 1.733% 0.965% 0.650% 0.542% 0.509% 800 1.509% 0.840% 0.594% 0.522% \$65,000 0.505% 900 \$65,000 1.389% 0.780% 0.571% 0.514% 0.503%

AGGREGATE STOP LOSS RATE FACTORS*

* Applied to projected claims under ISL

ISL limit Members 110% 115% 120% 125% 130% \$65,000 1,000 1.270% 0.727% 0.554% 0.511% 0.502% 1,500 0.582% 0.503% \$65,000 0.905% 0.513% 0.501% \$65,000 2,000 0.736% 0.536% 0.506% 0.502% 0.501% \$65,000 3,000 0.595% 0.510% 0.503% 0.502% 0.501% 4.000 0.505% 0.502% 0.501% \$65,000 0.540% 0.503% 0.504% 0.502% \$65,000 5.000 0.521% 0.503% 0.501% \$65,000 10,000 0.505% 0.504% 0.503% 0.502% 0.501% \$65,000 20,000 0.405% 0.404% 0.403% 0.402% 0.401% \$70,000 25 17.992% 15.598% 13.475% 11.601% 9.968% \$70,000 50 11.654% 9.483% 7.678% 6.192% 4.981% \$70,000 100 7.453% 5.558% 4.114% 3.032% 2.240% 2.724% \$70,000 150 5.574% 3.912% 1.907% 1.367% \$70,000 200 3.032% 0.983% 4.549% 2.021% 1.377% \$70,000 300 3.478% 2.169% 1.374% 0.927% 0.694% \$70,000 400 2.796% 1.659% 1.031% 0.720% 0.582% \$70,000 500 2.344% 1.347% 0.847% 0.626% 0.540% \$70,000 600 1.983% 1.112% 0.716% 0.565% 0.516% \$70,000 700 1.792% 0.999% 0.665% 0.546% 0.511% \$70,000 800 1.564% 0.869% 0.606% 0.526% 0.506% \$70,000 900 1.440% 0.806% 0.580% 0.517% 0.503% \$70,000 1,000 1.317% 0.749% 0.562% 0.513% 0.503% \$70,000 1,500 0.936% 0.592% 0.515% 0.503% 0.501% \$70,000 2,000 0.758% 0.541% 0.506% 0.502% 0.501% \$70,000 3,000 0.606% 0.512% 0.503% 0.502% 0.501% \$70,000 0.502% 4,000 0.546% 0.506% 0.503% 0.501% \$70,000 5,000 0.523% 0.504% 0.502% 0.503% 0.501% \$70,000 10,000 0.505% 0.504% 0.503% 0.502% 0.501% 0.404% 0.401% \$70,000 20,000 0.405% 0.403% 0.402%

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AGGREGATE STOP LOSS RATE FACTORS*

* Applied to projected claims under ISL

\$75,000

\$75,000

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5.734%

4.687%

3.581%

2.886%

2.420%

2.051%

1.854%

16.066%

9.791%

5.757%

4.052%

3.146%

2.249%

1.725%

1.399%

1.155%

1.035%

13.935%

7.965%

4.289%

2.841%

2.109%

1.431%

1.074%

0.877%

0.738%

0.682%

AGGREGATE STOP LOSS RATE FACTORS*

ISL limit	Members	110%	115%	120%	125%	130%
\$75,000	800	1.617%	0.898%	0.618%	0.530%	0.507%
\$75,000	900	1.489%	0.831%	0.590%	0.519%	0.504%
\$75,000	1,000	1.362%	0.771%	0.570%	0.515%	0.503%
\$75,000	1,500	0.967%	0.603%	0.517%	0.503%	0.501%
\$75,000	2,000	0.779%	0.546%	0.507%	0.502%	0.501%
\$75,000	3,000	0.617%	0.513%	0.503%	0.502%	0.501%
\$75,000	4,000	0.551%	0.506%	0.503%	0.502%	0.501%
\$75,000	5,000	0.526%	0.504%	0.503%	0.502%	0.501%
\$75,000	10,000	0.505%	0.504%	0.503%	0.502%	0.501%
\$75,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$80,000	25	18.917%	16.512%	14.373%	12.474%	10.800%
\$80,000	50	12.279%	10.083%	8.238%	6.708%	5.445%
\$80,000	100	7.879%	5.946%	4.455%	3.323%	2.483%
\$80,000	150	5.885%	4.185%	2.953%	2.089%	1.504%
\$80,000	200	4.818%	3.255%	2.194%	1.505%	1.072%
\$80,000	300	3.680%	2.327%	1.488%	1.002%	0.739%
\$80,000	400	2.972%	1.788%	1.116%	0.770%	0.607%
\$80,000	500	2.493%	1.449%	0.908%	0.657%	0.554%
\$80,000	600	2.116%	1.196%	0.760%	0.584%	0.523%
\$80,000	700	1.913%	1.071%	0.700%	0.560%	0.515%
\$80,000	800	1.667%	0.927%	0.631%	0.534%	0.508%
\$80,000	900	1.535%	0.855%	0.600%	0.522%	0.504%
\$80,000	1,000	1.406%	0.792%	0.578%	0.517%	0.504%
\$80,000	1,500	0.996%	0.613%	0.520%	0.504%	0.501%
\$80,000	2,000	0.799%	0.552%	0.508%	0.502%	0.501%
\$80,000	3,000	0.627%	0.515%	0.503%	0.502%	0.501%
\$80,000	4,000	0.557%	0.506%	0.503%	0.502%	0.501%
\$80,000	5,000	0.529%	0.505%	0.503%	0.502%	0.501%
\$80,000	10,000	0.506%	0.504%	0.503%	0.502%	0.501%
\$80,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$85,000	25	19.343%	16.933%	14.786%	12.877%	11.187%
\$85,000	50	12.566%	10.359%	8.498%	6.947 %	5.663%
\$85,000	100	8.074%	6.128%	4.615%	3.461%	2.599%
\$85,000	150	6.029%	4.312%	3.059%	2.175%	1.570%
\$85,000	200	4.941%	3.359%	2.276%	1.566%	1.115%
\$85,000	300	3.775%	2.402%	1.542%	1.038%	0.762%
\$85,000	400	3.052%	1.849%	1.157%	0.794%	0.620%
\$85,000	500	2.561%	1.4 97 %	0.937%	0.673%	0.561%

* Applied to projected claims under ISL

Q3 2019 LARGE GROUP RATING PROGRAM FILING E

ISL limit	Members	110%	115%	120%	125%	130%
\$85,000	600	2.177%	1.236%	0.782%	0.593%	0.526%
\$85,000	700	1.968%	1.105%	0.717%	0.568%	0.518%
\$85,000	800	1.716%	0.954%	0.643%	0.539%	0.509%
\$85,000	900	1.579%	0.879%	0.609%	0.526%	0.505%
\$85,000	1,000	1.447%	0.813%	0.586%	0.520%	0.504%
\$85,000	1,500	1.024%	0.623%	0.522%	0.504%	0.501%
\$85,000	2,000	0.819%	0.557%	0.509%	0.502%	0.501%
\$85,000	3,000	0.638%	0.516%	0.504%	0.502%	0.501%
\$85,000	4,000	0.562%	0.507%	0.503%	0.502%	0.501%
\$85,000	5,000	0.532%	0.505%	0.503%	0.502%	0.501%
\$85,000	10,000	0.506%	0.504%	0.503%	0.502%	0.501%
\$85,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$90,000	25	19.749%	17.335%	15.180%	13.262%	11.557%
\$90,000	50	12.835%	10.619%	8.744%	7.174%	5.871%
\$90,000	100	8.258%	6.298%	4.767%	3.593%	2.710%
\$90,000	150	6.163%	4.430%	3.160%	2.258%	1.634%
\$90,000	200	5.057%	3.457%	2.353%	1.624%	1.156%
\$90,000	300	3.864%	2.474%	1.595%	1.074%	0.784%
\$90,000	400	3.129%	1.906%	1.196%	0.818%	0.633%
\$90,000	500	2.625%	1.543%	0.965%	0.688%	0.569%
\$90,000	600	2.234%	1.274%	0.803%	0.603%	0.530%
\$90,000	700	2.021%	1.138%	0.734%	0.575%	0.521%
\$90,000	800	1.762%	0.981%	0.655%	0.543%	0.510%
\$90,000	900	1.621%	0.902%	0.619%	0.529%	0.506%
\$90,000	1,000	1.487%	0.834%	0.594%	0.522%	0.505%
\$90,000	1,500	1.051%	0.633%	0.525%	0.504%	0.501%
\$90,000	2,000	0.839%	0.563%	0.510%	0.503%	0.501%
\$90,000	3,000	0.649%	0.518%	0.504%	0.502%	0.501%
\$90,000	4,000	0.568%	0.507%	0.503%	0.502%	0.501%
\$90,000	5,000	0.536%	0.505%	0.503%	0.502%	0.501%
\$90,000	10,000	0.506%	0.504%	0.503%	0.502%	0.501%
\$90,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$95,000	25	20.131%	17.714%	15.553%	13.626%	11.908%
\$95,000	50	13.090%	10.867%	8.978%	7.391%	6.070%
\$95,000	100	8.432%	6.460%	4.913%	3.718%	2.816%
\$95,000	150	6.291%	4.544%	3.257%	2.337%	1.695%
\$95,000	200	5.168%	3.552%	2.428%	1.680%	1.197%
\$95,000	300	3.950%	2.543%	1.645%	1.109%	0.806%

ISL limit	Members	110%	115%	120%	125%	130%
\$95,000	400	3.200%	1 .961 %	1.234%	0.841%	0.645%
\$95,000	500	2.686%	1.586%	0.993%	0.703%	0.576%
\$95,000	600	2.288%	1.310%	0.824%	0.613%	0.534%
\$95,000	700	2.072%	1.170%	0.751%	0.582%	0.523%
\$95,000	800	1.800%	1.002%	0.664%	0.545%	0.511%
\$95,000	900	1.661%	0.924%	0.629%	0.532%	0.506%
\$95,000	1,000	1.524%	0.853%	0.602%	0.525%	0.505%
\$95,000	1,500	1.077%	0.643%	0.528%	0.505%	0.501%
\$95,000	2,000	0.858%	0.568%	0.511%	0.503%	0.501%
\$95,000	3,000	0.659%	0.520%	0.504%	0.502%	0.501%
\$95,000	4,000	0.574%	0.508%	0.503%	0.502%	0.501%
\$95,000	5,000	0.539%	0.505%	0.503%	0.502%	0.501%
\$95,000	10,000	0.506%	0.504%	0.503%	0.502%	0.501%
\$95,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$100,000	25	20.496%	18.077%	15.908%	13.972%	12.242%
\$100,000	50	13.336%	11.106%	9.204%	7.603%	6.263%
\$100,000	100	8.597%	6.615%	5.053%	3.840%	2.920%
\$100,000	150	6.414%	4.654%	3.351%	2.414%	1.756%
\$100,000	200	5.274%	3.642%	2.501%	1.735%	1.238%
\$100,000	300	4.031%	2.609%	1.695%	1.143%	0.828%
\$100,000	400	3.270%	2.014%	1.271%	0.864%	0.658%
\$100,000	500	2.744%	1.629%	1.020%	0.719%	0.584%
\$100,000	600	2.340%	1.345%	0.844%	0.623%	0.538%
\$100,000	700	2.120%	1.201%	0.768%	0.590%	0.526%
\$100,000	800	1.842%	1.026%	0.676%	0.550%	0.512%
\$100,000	900	1.699%	0.946%	0.639%	0.536%	0.507%
\$100,000	1,000	1.560%	0.873%	0.610%	0.528%	0.506%
\$100,000	1,500	1.102%	0.653%	0.530%	0.505%	0.501%
\$100,000	2,000	0.877%	0.574%	0.512%	0.503%	0.501%
\$100,000	3,000	0.669%	0.522%	0.504%	0.502%	0.501%
\$100,000	4,000	0.579%	0.509%	0.503%	0.502%	0.501%
\$100,000	5,000	0.542%	0.505%	0.503%	0.502%	0.501%
\$100,000	10,000	0.506%	0.504%	0.503%	0.502%	0.501%
\$100,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$105,000	25	20.852%	18.432%	16.256%	14.310%	12.570%
\$105,000	50	13.576%	11.341%	9.427%	7.812%	6.455%
\$105,000	100	8.758%	6.766%	5.190%	3.960%	3.023%
\$105,000	150	6.535%	4.762%	3.444%	2.491%	1.817%

ISL limit	Members	110%	115%	120%	125%	130%
\$105,000	200	5.377%	3.731%	2.573%	1.790%	1.278%
\$105,000	300	4.111%	2.674%	1.744%	1.177%	0.850%
\$105,000	400	3.338%	2.066%	1.307%	0.887%	0.672%
\$105,000	500	2.800%	1.670%	1.047%	0.734%	0.591%
\$105,000	600	2.390%	1.379%	0.864%	0.633%	0.542%
\$105,000	700	2.168%	1.231%	0.784%	0.598%	0.529%
\$105,000	800	1.883%	1.051%	0.688%	0.555%	0.514%
\$105,000	900	1.736%	0.967%	0.649%	0.539%	0.508%
\$105,000	1,000	1.595%	0.892%	0.618%	0.530%	0.507%
\$105,000	1,500	1.126%	0.663%	0.533%	0.506%	0.501%
\$105,000	2,000	0.895%	0.579%	0.513%	0.503%	0.501%
\$105,000	3,000	0.680%	0.524%	0.504%	0.502%	0.501%
\$105,000	4,000	0.585%	0.509%	0.503%	0.502%	0.501%
\$105,000	5,000	0.545%	0.506%	0.503%	0.502%	0.501%
\$105,000	10,000	0.506%	0.504%	0.503%	0.502%	0.501%
\$105,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$110,000	25	21.192%	18.771%	16.589%	14.634%	12.884%
\$110,000	50	13.804%	11.563%	9.641%	8.012%	6.640%
\$110,000	100	8.912%	6.910%	5.321%	4.077%	3.122%
\$110,000	150	6.651%	4.866%	3.533%	2.565%	1.876%
\$110,000	200	5.475%	3.816%	2.642%	1.844%	1.318%
\$110,000	300	4.186%	2.735%	1.791%	1.210%	0.872%
\$110,000	400	3.403%	2.116%	1.343%	0.909%	0.685%
\$110,000	500	2.854%	1.710%	1.073%	0.749%	0.599%
\$110,000	600	2.439%	1.412%	0.883%	0.643%	0.547%
\$110,000	700	2.213%	1.261%	0.801%	0.605%	0.533%
\$110,000	800	1.922%	1.075%	0.700%	0.560%	0.515%
\$110,000	900	1.771%	0.988%	0.659%	0.543%	0.509%
\$110,000	1,000	1.629%	0.911%	0.627%	0.533%	0.507%
\$110,000	1,500	1.150%	0.673%	0.536%	0.507%	0.501%
\$110,000	2,000	0.912%	0.585%	0.514%	0.503%	0.501%
\$110,000	3,000	0.690%	0.526%	0.504%	0.502%	0.501%
\$110,000	4,000	0.591%	0.510%	0.503%	0.502%	0.501%
\$110,000	5,000	0.548%	0.506%	0.503%	0.502%	0.501%
\$110,000	10,000	0.507%	0.504%	0.503%	0.502%	0.501%
\$110,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$115,000	25	21.515%	19.096%	16.909%	14.945%	13.186%
\$115,000	50	14.025%	11.779%	9.849%	8.208%	6.822%

ISL limit	Members	110%	115%	120%	125%	130%
\$115,000	100	9.058%	7.047%	5.446%	4.188%	3.218%
\$115,000	150	6.763%	4.966%	3.620%	2.638%	1.934%
\$115,000	200	5.568%	3.897%	2.709%	1.896%	1.357%
\$115,000	300	4.259%	2.795%	1.836%	1.243%	0.893%
\$115,000	400	3.465%	2.165%	1.377%	0.931%	0.698%
\$115,000	500	2.906%	1.748%	1.098%	0.764%	0.607%
\$115,000	600	2.485%	1.444%	0.903%	0.653%	0.551%
\$115,000	700	2.257%	1.290%	0.817%	0.613%	0.536%
\$115,000	800	1 .961 %	1.099%	0.711%	0.564%	0.517%
\$115,000	900	1.805%	1.008%	0.668%	0.547%	0.510%
\$115,000	1,000	1.662%	0.929%	0.635%	0.536%	0.508%
\$115,000	1,500	1.173%	0.683%	0.539%	0.507%	0.502%
\$115,000	2,000	0.929%	0.591%	0.515%	0.503%	0.501%
\$115,000	3,000	0.700%	0.527%	0.505%	0.502%	0.501%
\$115,000	4,000	0.596%	0.510%	0.503%	0.502%	0.501%
\$115,000	5,000	0.552%	0.506%	0.503%	0.502%	0.501%
\$115,000	10,000	0.507%	0.504%	0.503%	0.502%	0.501%
\$115,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$120,000	25	21.829 %	19.411%	17.222%	15.248%	13.480%
\$120,000	50	14.237%	11 .988 %	10.049%	8.398 %	6.999 %
\$120,000	100	9.198 %	7.180%	5.568%	4.296%	3.311%
\$120,000	150	6.871%	5.064%	3.705%	2.708%	1.992%
\$120,000	200	5.657%	3.975%	2.774%	1 .946 %	1.396%
\$120,000	300	4.329%	2.853%	1.881%	1.275%	0.915%
\$120,000	400	3.525%	2.212%	1.411%	0.953%	0.711%
\$120,000	500	2.955%	1.784%	1.122%	0.779 %	0.614%
\$120,000	600	2.530%	1.476%	0.922%	0.663%	0.556%
\$120,000	700	2.299%	1.318%	0.832%	0.621%	0.539%
\$120,000	800	1.998%	1.122%	0.723%	0.569%	0.519%
\$120,000	900	1.834%	1.024%	0.675%	0.548%	0.510%
\$120,000	1,000	1.694%	0.947%	0.643%	0.539%	0.509%
\$120,000	1,500	1.196%	0.693%	0.542%	0.508%	0.502%
\$120,000	2,000	0.946%	0.596%	0.516%	0.503%	0.501%
\$120,000	3,000	0.710%	0.530%	0.505%	0.502%	0.501%
\$120,000	4,000	0.602%	0.511%	0.503%	0.502%	0.501%
\$120,000	5,000	0.555%	0.506%	0.503%	0.502%	0.501%
\$120,000	10,000	0.507%	0.504%	0.503%	0.502%	0.501%
\$120,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%

ISL limit	Members	110%	115%	120%	125%	130%
\$125,000	25	22.127%	19.711%	17.523%	15.542%	13.765%
\$125,000	50	14.438%	12.185%	10.240%	8.578%	7.169%
\$125,000	100	9.334%	7.309%	5.686%	4.401%	3.403%
\$125,000	150	6.974%	5.157%	3.787%	2.777%	2.047%
\$125,000	200	5.743%	4.051%	2.837%	1.996%	1.434%
\$125,000	300	4.396%	2.908%	1.924%	1.306%	0.936%
\$125,000	400	3.582%	2.258%	1.444%	0.975%	0.724%
\$125,000	500	3.002%	1.820%	1.146%	0.793%	0.622%
\$125,000	600	2.573%	1.506%	0.941%	0.673%	0.560%
\$125,000	700	2.339%	1.345%	0.848%	0.629%	0.542%
\$125,000	800	2.033%	1.144%	0.735%	0.574%	0.520%
\$125,000	900	1.865%	1.043%	0.684%	0.552%	0.512%
\$125,000	1,000	1.724%	0.965%	0.651%	0.542%	0.510%
\$125,000	1,500	1.217%	0.702%	0.545%	0.509%	0.502%
\$125,000	2,000	0.962%	0.602%	0.518%	0.504%	0.501%
\$125,000	3,000	0.719%	0.532%	0.505%	0.502%	0.501%
\$125,000	4,000	0.607%	0.512%	0.503%	0.502%	0.501%
\$125,000	5,000	0.558%	0.507%	0.503%	0.502%	0.501%
\$125,000	10,000	0.507%	0.504%	0.503%	0.502%	0.501%
\$125,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$130,000	25	22.407%	1 9.996 %	17.807%	15.823%	14.036%
\$130,000	50	14.629%	12.373%	10.422%	8.751%	7.331%
\$130,000	100	9.463%	7.431%	5. 799 %	4.502%	3.492%
\$130,000	150	7.072%	5.246%	3.865%	2.842%	2.101%
\$130,000	200	5.824%	4.122%	2.897%	2.043%	1.470%
\$130,000	300	4.458%	2.960%	1.965%	1.336%	0.956%
\$130,000	400	3.637%	2.301%	1.475%	0.996%	0.737%
\$130,000	500	3.047%	1.853%	1.168%	0.807%	0.630%
\$130,000	600	2.614%	1.535%	0.959%	0.683%	0.565%
\$130,000	700	2.377%	1.370%	0.863%	0.636%	0.546%
\$130,000	800	2.067%	1.165%	0.746%	0.579%	0.522%
\$130,000	900	1.895%	1.061%	0.693%	0.556%	0.513%
\$130,000	1,000	1.753%	0.981%	0.659%	0.545%	0.511%
\$130,000	1,500	1.237%	0.711%	0.548%	0.509%	0.502%
\$130,000	2,000	0.977%	0.607%	0.519%	0.504%	0.501%
\$130,000	3,000	0.728%	0.534%	0.505%	0.502%	0.501%
\$130,000	4,000	0.612%	0.513%	0.503%	0.502%	0.501%
\$130,000	5,000	0.561%	0.507%	0.503%	0.502%	0.501%

ISL limit	Members	110%	115%	120%	125%	130%
\$130,000	10,000	0.507%	0.504%	0.503%	0.502%	0.501%
\$130,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$135,000	25	22.676%	20.272%	18.084%	16.097%	14.303%
\$135,000	50	14.814%	12.556%	10.599%	8.920%	7.490%
\$135,000	100	9.591%	7.552%	5.9 11%	4.603%	3.581%
\$135,000	150	7.168%	5.333%	3.941 %	2.907%	2.153%
\$135,000	200	5.904%	4.193%	2.956%	2.091%	1.506%
\$135,000	300	4.520%	3.011%	2.005%	1.365%	0.976%
\$135,000	400	3.690%	2.343%	1.506%	1.017%	0.750%
\$135,000	500	3.090%	1.886%	1.190%	0.820%	0.637%
\$135,000	600	2.654%	1.564%	0.977%	0.693%	0.570%
\$135,000	700	2.414%	1.396%	0.878%	0.644%	0.549%
\$135,000	800	2.100%	1.186%	0.758%	0.584%	0.524%
\$135,000	900	1.924%	1.079%	0.702%	0.559%	0.514%
\$135,000	1,000	1.777%	0.994%	0.664%	0.546%	0.511%
\$135,000	1,500	1.257%	0.720%	0.551%	0.510%	0.502%
\$135,000	2,000	0.992%	0.612%	0.520%	0.504%	0.501%
\$135,000	3,000	0.738%	0.536%	0.505%	0.502%	0.501%
\$135,000	4,000	0.618%	0.513%	0.503%	0.502%	0.501%
\$135,000	5,000	0.565%	0.507%	0.503%	0.502%	0.501%
\$135,000	10,000	0.508%	0.504%	0.503%	0.502%	0.501%
\$135,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$140,000	25	22.940%	20.543%	18.358%	16.369%	14.570%
\$140,000	50	14.998%	12.736%	10.775%	9.089%	7.649%
\$140,000	100	9.717%	7.672%	6.022%	4.702%	3.668%
\$140,000	150	7.262%	5.419%	4.017%	2.971 %	2.205%
\$140,000	200	5 .98 3%	4.263%	3.015%	2.138%	1.542%
\$140,000	300	4.579%	3.061%	2.044%	1.394%	0.996%
\$140,000	400	3.741%	2.384%	1.537%	1.037%	0.763%
\$140,000	500	3.133%	1.918%	1.213%	0.834%	0.645%
\$140,000	600	2.693%	1.592%	0.995%	0.703%	0.575%
\$140,000	700	2.451%	1.421%	0.892%	0.651%	0.552%
\$140,000	800	2.132%	1.207%	0.769%	0.589%	0.526%
\$140,000	900	1.953%	1.097%	0.711%	0.563%	0.515%
\$140,000	1,000	1.805%	1.011%	0.672%	0.549%	0.512%
\$140,000	1,500	1.277%	0.729%	0.554%	0.511%	0.502%
\$140,000	2,000	1.007%	0.617%	0.521%	0.504%	0.501%
\$140,000	3,000	0.747%	0.538%	0.506%	0.502%	0.501%

ISL limit	Members	110%	115%	120%	125%	130%
\$140,000	4,000	0.623%	0.514%	0.503%	0.502%	0.501%
\$140,000	5,000	0.568%	0.508%	0.503%	0.502%	0.501%
\$140,000	10,000	0.508%	0.504%	0.503%	0.502%	0.501%
\$140,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$145,000	25	23.184%	20.796%	18.615%	16.626%	14.824%
\$145,000	50	15.171%	12.907%	10.942%	9.248%	7.799%
\$145,000	100	9.837%	7.786%	6.127%	4.798%	3.752%
\$145,000	150	7.350%	5.500%	4.089%	3.032%	2.255%
\$145,000	200	6.057%	4.329%	3.071%	2.183%	1.577%
\$145,000	300	4.635%	3.108%	2.082%	1.422%	1.015%
\$145,000	400	3.790%	2.424%	1.566%	1.057%	0.775%
\$145,000	500	3.174%	1.949%	1.234%	0.847%	0.652%
\$145,000	600	2.731%	1.619%	1.012%	0.713%	0.579%
\$145,000	700	2.485%	1.444%	0.906%	0.659%	0.556%
\$145,000	800	2.163%	1.227%	0.780%	0.594%	0.528%
\$145,000	900	1.980%	1.114%	0.720%	0.567%	0.517%
\$145,000	1,000	1.832%	1.027%	0.680%	0.552%	0.513%
\$145,000	1,500	1.296%	0.738%	0.557%	0.511%	0.502%
\$145,000	2,000	1.021%	0.623%	0.522%	0.504%	0.501%
\$145,000	3,000	0.755%	0.540%	0.506%	0.502%	0.501%
\$145,000	4,000	0.628%	0.515%	0.504%	0.502%	0.501%
\$145,000	5,000	0.571%	0.508%	0.503%	0.502%	0.501%
\$145,000	10,000	0.508%	0.504%	0.503%	0.502%	0.501%
\$145,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$150,000	25	23.409%	21.029%	18.853%	16.866 %	15.062%
\$150,000	50	15.332%	13.067%	11.099%	9.398%	7.941%
\$150,000	100	9.949 %	7.893%	6.226%	4.888%	3.832%
\$150,000	150	7.434%	5.577%	4.156%	3.090%	2.303%
\$150,000	200	6.127%	4.392%	3.124%	2.226%	1.610%
\$150,000	300	4.688%	3.153%	2.118%	1.449%	1.034%
\$150,000	400	3.837%	2.461%	1.594%	1.077%	0.788%
\$150,000	500	3.212%	1.978%	1.254%	0.860%	0.660%
\$150,000	600	2.765%	1.645%	1.028%	0.722%	0.584%
\$150,000	700	2.518%	1.467%	0.920%	0.666%	0.559%
\$150,000	800	2.192%	1.246%	0.790%	0.599%	0.529%
\$150,000	900	2.005%	1.130%	0.729%	0.571%	0.518%
\$150,000	1,000	1.856%	1.042%	0.687%	0.555%	0.514%
\$150,000	1,500	1.313%	0.746%	0.560%	0.512%	0.502%

ISL limit	Members	110%	115%	120%	125%	130%
\$150,000	2,000	1.034%	0.628%	0.524%	0.505%	0.501%
\$150,000	3,000	0.764%	0.542%	0.506%	0.502%	0.501%
\$150,000	4,000	0.633%	0.516%	0.504%	0.502%	0.501%
\$150,000	5,000	0.574%	0.508%	0.503%	0.502%	0.501%
\$150,000	10,000	0.509%	0.504%	0.503%	0.502%	0.501%
\$150,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$155,000	25	23.625%	21.253%	19.083%	17.099%	15.293%
\$155,000	50	15.488%	13.222%	11.250%	9.543%	8.079%
\$155,000	100	10.057%	7.996%	6.322%	4.976%	3.909%
\$155,000	150	7.514%	5.652%	4.222%	3.146%	2.350%
\$155,000	200	6.194%	4.452%	3.176%	2.268%	1.643%
\$155,000	300	4.740%	3.197%	2.153%	1.475%	1.052%
\$155,000	400	3.881%	2.498%	1.621%	1.096%	0.800%
\$155,000	500	3.248%	2.007%	1.273%	0.872%	0.667%
\$155,000	600	2.799%	1.669%	1.045%	0.731%	0.589%
\$155,000	700	2.550%	1.489%	0.934%	0.673%	0.562%
\$155,000	800	2.220%	1.265%	0.800%	0.604%	0.531%
\$155,000	900	2.029%	1.146%	0.737%	0.574%	0.519%
\$155,000	1,000	1.880%	1.056%	0.694%	0.558%	0.515%
\$155,000	1,500	1.331%	0.754%	0.563%	0.513%	0.503%
\$155,000	2,000	1.047%	0.632%	0.525%	0.505%	0.501%
\$155,000	3,000	0.772%	0.544%	0.506%	0.502%	0.501%
\$155,000	4,000	0.638%	0.516%	0.504%	0.502%	0.501%
\$155,000	5,000	0.578%	0.508%	0.503%	0.502%	0.501%
\$155,000	10,000	0.509%	0.504%	0.503%	0.502%	0.501%
\$155,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$160,000	25	23.835%	21.473%	19.309%	17.329%	15.524%
\$160,000	50	15.641%	13.374%	11.400%	9.686%	8.215%
\$160,000	100	10.163%	8.098%	6.417%	5.062%	3.986%
\$160,000	150	7.594%	5.726%	4.287%	3.202%	2.396%
\$160,000	200	6.260%	4.511%	3.226%	2.310%	1.675%
\$160,000	300	4.791%	3.240%	2.187%	1.501%	1.070%
\$160,000	400	3 .926 %	2.534%	1.648%	1.115%	0.812%
\$160,000	500	3.284%	2.034%	1.293%	0.885%	0.674%
\$160,000	600	2.832%	1.694%	1.061%	0.741%	0.594%
\$160,000	700	2.581%	1.511%	0.947%	0.680%	0.566%
\$160,000	800	2.248%	1.283%	0.811%	0.609%	0.533%
\$160,000	900	2.054%	1.161%	0.745%	0.578%	0.521%

ISL limit	Members	110%	115%	120%	125%	130%
\$160,000	1,000	1.904%	1.070%	0.701%	0.561%	0.516%
\$160,000	1,500	1.348%	0.762%	0.566%	0.514%	0.503%
\$160,000	2,000	1.060%	0.637%	0.526%	0.505%	0.501%
\$160,000	3,000	0.780%	0.546%	0.507%	0.502%	0.501%
\$160,000	4,000	0.643%	0.517%	0.504%	0.502%	0.501%
\$160,000	5,000	0.581%	0.509%	0.503%	0.502%	0.501%
\$160,000	10,000	0.509%	0.504%	0.503%	0.502%	0.501%
\$160,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$165,000	25	24.038%	21.686%	19.528%	17.553%	15.749%
\$165,000	50	15.792%	13.524%	11.547%	9.828%	8.349%
\$165,000	100	10.267%	8.199%	6.510%	5.147%	4.062%
\$165,000	150	7.672%	5.798%	4.352%	3.257%	2.442%
\$165,000	200	6.324%	4.570%	3.276%	2.351%	1.707%
\$165,000	300	4.840%	3.282%	2.221%	1.527%	1.088%
\$165,000	400	3.969%	2.569%	1.675%	1.134%	0.825%
\$165,000	500	3.320%	2.062%	1.312%	0.898%	0.682%
\$165,000	600	2.865%	1.718%	1.077%	0.750%	0.598%
\$165,000	700	2.612%	1.533%	0.960%	0.687%	0.569%
\$165,000	800	2.275%	1.301%	0.821%	0.613%	0.535%
\$165,000	900	2.077%	1.177%	0.754%	0.582%	0.522%
\$165,000	1,000	1 .927 %	1.084%	0.708%	0.564%	0.517%
\$165,000	1,500	1.364%	0.771%	0.569%	0.515%	0.503%
\$165,000	2,000	1.073%	0.642%	0.527%	0.505%	0.501%
\$165,000	3,000	0.788%	0.548%	0.507%	0.502%	0.501%
\$165,000	4,000	0.648%	0.518%	0.504%	0.502%	0.501%
\$165,000	5,000	0.584%	0.509%	0.503%	0.502%	0.501%
\$165,000	10,000	0.509%	0.504%	0.503%	0.502%	0.501%
\$165,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$170,000	25	24.232%	21.890%	19.740%	17.770%	15 .968 %
\$170,000	50	15.940%	13.671%	11.692%	9.968 %	8.483%
\$170,000	100	10.370%	8.297%	6.601%	5.231%	4.137%
\$170,000	150	7.749%	5.870%	4.415%	3.311%	2.487%
\$170,000	200	6.387%	4.627%	3.325%	2.391%	1.739%
\$170,000	300	4.889%	3.323%	2.254%	1.552%	1.106%
\$170,000	400	4.012%	2.604%	1.702%	1.153%	0.837%
\$170,000	500	3.354%	2.089%	1.331%	0.910%	0.689%
\$170,000	600	2.897%	1.742%	1.093%	0.759%	0.603%
\$170,000	700	2.642%	1.554%	0.974%	0.695%	0.573%

ISL limit	Members	110%	115%	120%	125%	130%
\$170,000	800	2.302%	1.319%	0.831%	0.618%	0.537%
\$170,000	900	2.101%	1.192%	0.762%	0.586%	0.523%
\$170,000	1,000	1.949%	1.099%	0.715%	0.567%	0.518%
\$170,000	1,500	1.381%	0.779%	0.572%	0.516%	0.503%
\$170,000	2,000	1.086%	0.647%	0.529%	0.505%	0.501%
\$170,000	3,000	0.796%	0.550%	0.507%	0.502%	0.501%
\$170,000	4,000	0.652%	0.519%	0.504%	0.502%	0.501%
\$170,000	5,000	0.587%	0.510%	0.503%	0.502%	0.501%
\$170,000	10,000	0.510%	0.504%	0.503%	0.502%	0.501%
\$170,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$175,000	25	24.419%	22.088%	19.945%	17.981%	16.183%
\$175,000	50	16.088%	13.818%	11.836%	10.108%	8.616%
\$175,000	100	10.471%	8.394%	6.692%	5.314%	4.211%
\$175,000	150	7.825%	5.940%	4.478%	3.366%	2.533%
\$175,000	200	6.451%	4.685%	3.374%	2.432%	1.771%
\$175,000	300	4.937%	3.364%	2.287%	1.578%	1.125%
\$175,000	400	4.055%	2.639%	1.728%	1.172%	0.849%
\$175,000	500	3.388%	2.116%	1.350%	0.922%	0.696%
\$175,000	600	2.929 %	1.766%	1.109%	0.769%	0.608%
\$175,000	700	2.672%	1.575%	0.987%	0.702%	0.576%
\$175,000	800	2.329 %	1.337%	0.841%	0.623%	0.540%
\$175,000	900	2.124%	1.207%	0.770%	0.590%	0.525%
\$175,000	1,000	1.972%	1.113%	0.723%	0.570%	0.520%
\$175,000	1,500	1.397%	0.787%	0.575%	0.516%	0.503%
\$175,000	2,000	1.098%	0.652%	0.530%	0.506%	0.501%
\$175,000	3,000	0.804%	0.552%	0.508%	0.502%	0.501%
\$175,000	4,000	0.657%	0.520%	0.504%	0.502%	0.501%
\$175,000	5,000	0.590%	0.510%	0.503%	0.502%	0.501%
\$175,000	10,000	0.510%	0.504%	0.503%	0.502%	0.501%
\$175,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$180,000	25	24.597%	22.277%	20.143%	18.185%	16.390%
\$180,000	50	16.232%	13 .96 1%	11.977%	10.245%	8.748%
\$180,000	100	10.570%	8.489%	6.780%	5.396%	4.283%
\$180,000	150	7.901%	6.010%	4.541%	3.420%	2.578%
\$180,000	200	6.513%	4.741%	3.422%	2.472%	1.803%
\$180,000	300	4.985%	3.405%	2.320%	1.603%	1.143%
\$180,000	400	4.097%	2.674%	1.755%	1.190%	0.862%
\$180,000	500	3.422%	2.142%	1.369%	0.935%	0.704%

ISL limit	Members	110%	115%	120%	125%	130%
\$180,000	600	2.960%	1.789%	1.125%	0.778%	0.613%
\$180,000	700	2.701%	1.596%	1.000%	0.709%	0.580%
\$180,000	800	2.355%	1.355%	0.852%	0.629%	0.542%
\$180,000	900	2.147%	1.222%	0.779%	0.594%	0.526%
\$180,000	1,000	1.994%	1.126%	0.730%	0.574%	0.521%
\$180,000	1,500	1.414%	0.795%	0.578%	0.517%	0.504%
\$180,000	2,000	1.110%	0.657%	0.531%	0.506%	0.501%
\$180,000	3,000	0.812%	0.554%	0.508%	0.502%	0.501%
\$180,000	4,000	0.662%	0.521%	0.504%	0.502%	0.501%
\$180,000	5,000	0.593%	0.510%	0.503%	0.502%	0.501%
\$180,000	10,000	0.510%	0.504%	0.503%	0.502%	0.501%
\$180,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$185,000	25	24.767%	22.457%	20.331%	18.380%	16.589%
\$185,000	50	16.368%	14.098%	12.111%	10.376%	8.874%
\$185,000	100	10.665%	8.582%	6.866%	5.475%	4.354%
\$185,000	150	7.974%	6.078%	4.601%	3.472%	2.622%
\$185,000	200	6.573%	4.795%	3.469%	2.511%	1.835%
\$185,000	300	5.030%	3.444%	2.352%	1.627%	1.161%
\$185,000	400	4.138%	2.707%	1.780%	1.209%	0.874%
\$185,000	500	3.455%	2.168%	1.388%	0.946%	0.711%
\$185,000	600	2.990%	1.812%	1.140%	0.787%	0.618%
\$185,000	700	2.730%	1.617%	1.013%	0.716%	0.584%
\$185,000	800	2.380%	1.372%	0.862%	0.634%	0.544%
\$185,000	900	2.169%	1.237%	0.787%	0.597%	0.528%
\$185,000	1,000	2.015%	1.140%	0.737%	0.577%	0.522%
\$185,000	1,500	1.429%	0.803%	0.581%	0.518%	0.504%
\$185,000	2,000	1.122%	0.662%	0.533%	0.506%	0.501%
\$185,000	3,000	0.819%	0.556%	0.508%	0.502%	0.501%
\$185,000	4,000	0.667%	0.522%	0.504%	0.502%	0.501%
\$185,000	5,000	0.596%	0.511%	0.503%	0.502%	0.501%
\$185,000	10,000	0.511%	0.504%	0.503%	0.502%	0.501%
\$185,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$190,000	25	24.931%	22.632%	20.514%	18.571%	16.784%
\$190,000	50	16.500%	14.230%	12.242%	10.504%	8.997%
\$190,000	100	10.760%	8.673%	6.951%	5.553%	4.424%
\$190,000	150	8.044%	6.144%	4.660%	3.524%	2.666%
\$190,000	200	6.632%	4.848%	3.515%	2.550%	1.865%
\$190,000	300	5.075%	3.482%	2.383%	1.651%	1.178%

ISL limit	Members	110%	115%	120%	125%	130%
\$190,000	400	4.177%	2.740%	1.805%	1.227%	0.886%
\$190,000	500	3.486%	2.193%	1.406%	0.958%	0.718%
\$190,000	600	3.019%	1.834%	1.155%	0.796%	0.623%
\$190,000	700	2.757%	1.637%	1.026%	0.724%	0.587%
\$190,000	800	2.405%	1.389%	0.872%	0.639%	0.546%
\$190,000	900	2.190%	1.251%	0.795%	0.601%	0.530%
\$190,000	1,000	2.036%	1.153%	0.744%	0.580%	0.523%
\$190,000	1,500	1.444%	0.811%	0.584%	0.519%	0.504%
\$190,000	2,000	1.134%	0.667%	0.534%	0.506%	0.501%
\$190,000	3,000	0.827%	0.558%	0.509%	0.502%	0.501%
\$190,000	4,000	0.672%	0.523%	0.504%	0.502%	0.501%
\$190,000	5,000	0.599%	0.511%	0.503%	0.502%	0.501%
\$190,000	10,000	0.511%	0.504%	0.503%	0.502%	0.501%
\$190,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$195,000	25	25.088%	22.798 %	20.690%	18.753%	16.972%
\$195,000	50	16.628%	14.359%	12.368%	10.628%	9.116%
\$195,000	100	10.853%	8.763%	7.036%	5.631%	4.495%
\$195,000	150	8.113%	6.208%	4.718%	3.574%	2.708%
\$195,000	200	6.689 %	4.900%	3.560%	2.588%	1 .896 %
\$195,000	300	5.119%	3.520%	2.414%	1.675%	1.1 96 %
\$195,000	400	4.216%	2.773%	1.830%	1.245%	0.898%
\$195,000	500	3.518%	2.217%	1.423%	0.970%	0.725%
\$195,000	600	3.048%	1.856%	1.170%	0.806%	0.628%
\$195,000	700	2.785%	1.656%	1.038%	0.731%	0.591%
\$195,000	800	2.429%	1.405%	0.882%	0.644%	0.548%
\$195,000	900	2.211%	1.266%	0.803%	0.605%	0.531%
\$195,000	1,000	2.057%	1.166%	0.751%	0.583%	0.524%
\$195,000	1,500	1.459%	0.818%	0.587%	0.520%	0.504%
\$195,000	2,000	1.146%	0.672%	0.536%	0.507%	0.501%
\$195,000	3,000	0.835%	0.561%	0.509%	0.502%	0.501%
\$195,000	4,000	0.676%	0.523%	0.504%	0.502%	0.501%
\$195,000	5,000	0.602%	0.512%	0.503%	0.502%	0.501%
\$195,000	10,000	0.511%	0.504%	0.503%	0.502%	0.501%
\$195,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$200,000	25	25.237%	22.957%	20.857%	18.927%	17.152%
\$200,000	50	16.750%	14.483%	12.489%	10.746%	9.231%
\$200,000	100	10.943%	8.850%	7.118%	5.706%	4.563%
\$200,000	150	8.180%	6.270%	4.774%	3.622%	2.750%

ISL limit	Members	110%	115%	120%	125%	130%
\$200,000	200	6.745%	4.951%	3.604%	2.625%	1.926%
\$200,000	300	5.162%	3.557%	2.444%	1.698%	1.213%
\$200,000	400	4.254%	2.804%	1.854%	1.262%	0.910%
\$200,000	500	3.548%	2.241%	1.441%	0.981%	0.732%
\$200,000	600	3.076%	1.877%	1.185%	0.814%	0.633%
\$200,000	700	2.811%	1.675%	1.050%	0.738%	0.594%
\$200,000	800	2.453%	1.422%	0.891%	0.649%	0.551%
\$200,000	900	2.232%	1.280%	0.811%	0.609%	0.533%
\$200,000	1,000	2.076%	1.179%	0.758%	0.587%	0.526%
\$200,000	1,500	1.474%	0.826%	0.590%	0.521%	0.504%
\$200,000	2,000	1.157%	0.677%	0.537%	0.507%	0.502%
\$200,000	3,000	0.842%	0.563%	0.509%	0.502%	0.501%
\$200,000	4,000	0.681%	0.524%	0.504%	0.502%	0.501%
\$200,000	5,000	0.605%	0.512%	0.503%	0.502%	0.501%
\$200,000	10,000	0.512%	0.504%	0.503%	0.502%	0.501%
\$200,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$205,000	25	25.375%	23.104%	21.012%	19.090%	17.321%
\$205,000	50	16.863%	14.599%	12.604%	10.858%	9.339%
\$205,000	100	11.028%	8.932%	7.196%	5.778%	4.628%
\$205,000	150	8.243%	6.329%	4.827%	3.669%	2.790%
\$205,000	200	6.797%	4.999%	3.646%	2.660%	1 .9 55%
\$205,000	300	5.202%	3.592%	2.473%	1.721%	1.229%
\$205,000	400	4.290%	2.833%	1.877%	1.279%	0.922%
\$205,000	500	3.577%	2.264%	1.457%	0.992%	0.739%
\$205,000	600	3.102%	1.898%	1.199%	0.823%	0.638%
\$205,000	700	2.835%	1.693%	1.062%	0.744%	0.598%
\$205,000	800	2.475%	1.437%	0.901%	0.654%	0.553%
\$205,000	900	2.252%	1.293%	0.819%	0.613%	0.534%
\$205,000	1,000	2.095%	1.192%	0.765%	0.590%	0.527%
\$205,000	1,500	1.488%	0.833%	0.593%	0.522%	0.505%
\$205,000	2,000	1.167%	0.681%	0.538%	0.507%	0.502%
\$205,000	3,000	0.849%	0.565%	0.510%	0.502%	0.501%
\$205,000	4,000	0.685%	0.525%	0.505%	0.502%	0.501%
\$205,000	5,000	0.608%	0.512%	0.503%	0.502%	0.501%
\$205,000	10,000	0.512%	0.504%	0.503%	0.502%	0.501%
\$205,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$210,000	25	25.505%	23.242%	21.158%	19.243%	17.479%
\$210,000	50	16.971%	14.710%	12.714%	10.966%	9.442%

ISL limit	Members	110%	115%	120%	125%	130%
\$210,000	100	11.110%	9.012%	7.271%	5.848%	4.69 1%
\$210,000	150	8.305%	6.386%	4.879 %	3.714%	2.828%
\$210,000	200	6.848%	5.045%	3.687%	2.695%	1.983%
\$210,000	300	5.241%	3.625%	2.500%	1.742%	1.246%
\$210,000	400	4.324%	2.862%	1.900%	1.295%	0.933%
\$210,000	500	3.604%	2.286%	1.473%	1.003%	0.745%
\$210,000	600	3.128%	1.917%	1.212%	0.831%	0.643%
\$210,000	700	2.859%	1.710%	1.073%	0.751%	0.601%
\$210,000	800	2.497%	1.452%	0.910%	0.658%	0.555%
\$210,000	900	2.271%	1.306%	0.827%	0.616%	0.536%
\$210,000	1,000	2.113%	1.203%	0.772%	0.593%	0.528%
\$210,000	1,500	1.501%	0.840%	0.595%	0.523%	0.505%
\$210,000	2,000	1.177%	0.685%	0.540%	0.508%	0.502%
\$210,000	3,000	0.856%	0.567%	0.510%	0.502%	0.501%
\$210,000	4,000	0.690%	0.526%	0.505%	0.502%	0.501%
\$210,000	5,000	0.611%	0.513%	0.503%	0.502%	0.501%
\$210,000	10,000	0.512%	0.504%	0.503%	0.502%	0.501%
\$210,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$215,000	25	25.630%	23.375%	21.298%	19.390%	17.632%
\$215,000	50	17.078%	14.819%	12.823%	11.073%	9.546%
\$215,000	100	11.190%	9.090%	7.346%	5.917%	4.753%
\$215,000	150	8.365%	6.443%	4.931%	3.760%	2.867%
\$215,000	200	6.898 %	5.091%	3.727%	2.728%	2.011%
\$215,000	300	5.279%	3.658%	2.528%	1.764%	1.262%
\$215,000	400	4.359%	2.89 1%	1.922%	1.312%	0.944%
\$215,000	500	3.632%	2.308%	1.489%	1.014%	0.752%
\$215,000	600	3.153%	1.937%	1.225%	0.840%	0.648%
\$215,000	700	2.882%	1.727%	1.084%	0.758%	0.605%
\$215,000	800	2.518%	1.467%	0.919%	0.663%	0.557%
\$215,000	900	2.289%	1.319%	0.834%	0.620%	0.538%
\$215,000	1,000	2.131%	1.215%	0.778%	0.596%	0.529%
\$215,000	1,500	1.514%	0.847%	0.598%	0.524%	0.505%
\$215,000	2,000	1.187%	0.690%	0.541%	0.508%	0.502%
\$215,000	3,000	0.862%	0.569%	0.510%	0.502%	0.501%
\$215,000	4,000	0.694%	0.527%	0.505%	0.502%	0.501%
\$215,000	5,000	0.614%	0.513%	0.503%	0.502%	0.501%
\$215,000	10,000	0.513%	0.504%	0.503%	0.502%	0.501%
\$215,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%

EXHIBIT 6A

ISL limit	Members	110%	115%	120%	125%	130%
\$220,000	25	25.749%	23.501%	21.431%	19.530%	17.778%
\$220,000	50	17.181%	14.926%	12.930%	11.177%	9.647%
\$220,000	100	11.269%	9.167%	7.419%	5 .98 4%	4.814%
\$220,000	150	8.425%	6.499 %	4.981 %	3.804%	2.905%
\$220,000	200	6.947 %	5.136%	3.766%	2.762%	2.038%
\$220,000	300	5.316%	3.691%	2.555%	1.785%	1.278%
\$220,000	400	4.392%	2.919%	1 .9 44%	1.328%	0.955%
\$220,000	500	3.659%	2.329%	1.505%	1.024%	0.759%
\$220,000	600	3.177%	1.955%	1.238%	0.848%	0.652%
\$220,000	700	2.905%	1.744%	1.095%	0.764%	0.608%
\$220,000	800	2.538%	1.481%	0.928%	0.668%	0.559%
\$220,000	900	2.308%	1.331%	0.841%	0.623%	0.539%
\$220,000	1,000	2.149%	1.227%	0.785%	0.599%	0.531%
\$220,000	1,500	1.527%	0.853%	0.601%	0.525%	0.505%
\$220,000	2,000	1.197%	0.694%	0.543%	0.508%	0.502%
\$220,000	3,000	0.869%	0.571%	0.511%	0.502%	0.501%
\$220,000	4,000	0.698%	0.528%	0.505%	0.502%	0.501%
\$220,000	5,000	0.617%	0.513%	0.503%	0.502%	0.501%
\$220,000	10,000	0.513%	0.504%	0.503%	0.502%	0.501%
\$220,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$225,000	25	25.864%	23.623%	21.560%	1 9.665 %	17.919%
\$225,000	50	17.282%	15.030%	13.035%	11.281%	9.747%
\$225,000	100	11.346%	9.243%	7.491%	6.051%	4.875%
\$225,000	150	8.483%	6.554%	5.032%	3.848%	2.943%
\$225,000	200	6.995 %	5.180%	3.805%	2.794%	2.065%
\$225,000	300	5.353%	3.724%	2.582%	1.807%	1.294%
\$225,000	400	4.424%	2.946%	1 .965 %	1.344%	0.967%
\$225,000	500	3.685%	2.350%	1.520%	1.035%	0.765%
\$225,000	600	3.201%	1.974%	1.251%	0.856%	0.657%
\$225,000	700	2.928 %	1.761%	1.106%	0.770%	0.611%
\$225,000	800	2.559%	1.496%	0.936%	0.672%	0.562%
\$225,000	900	2.326%	1.344%	0.849%	0.627%	0.541%
\$225,000	1,000	2.166%	1.238%	0.791%	0.602%	0.532%
\$225,000	1,500	1.539%	0.860%	0.604%	0.525%	0.506%
\$225,000	2,000	1.207%	0.698%	0.544%	0.509%	0.502%
\$225,000	3,000	0.876%	0.573%	0.511%	0.503%	0.501%
\$225,000	4,000	0.702%	0.529%	0.505%	0.502%	0.501%
\$225,000	5,000	0.619%	0.514%	0.503%	0.502%	0.501%

AGGREGATE STOP LOSS RATE FACTORS*

ISL limit	Members	110%	115%	120%	125%	130%
\$225,000	10,000	0.513%	0.504%	0.503%	0.502%	0.501%
\$225,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$230,000	25	25.975%	23.741%	21.685%	19.796%	18.056%
\$230,000	50	17.381%	15.132%	13.139%	11.383%	9.846%
\$230,000	100	11.422%	9.317%	7.562%	6.116%	4.935%
\$230,000	150	8.541%	6.609%	5.082%	3.892%	2.98 1%
\$230,000	200	7.043%	5.223%	3.843%	2.827%	2.092%
\$230,000	300	5.389%	3.756%	2.609%	1.828%	1.309%
\$230,000	400	4.457%	2.973%	1.986%	1.360%	0.978%
\$230,000	500	3.711%	2.371%	1.535%	1.045%	0.772%
\$230,000	600	3.225%	1.993%	1.264%	0.864%	0.661%
\$230,000	700	2.950%	1.777%	1.117%	0.777%	0.615%
\$230,000	800	2.578%	1.510%	0.945%	0.677%	0.564%
\$230,000	900	2.343%	1.356%	0.856%	0.631%	0.542%
\$230,000	1,000	2.183%	1.250%	0.798%	0.605%	0.533%
\$230,000	1,500	1.552%	0.867%	0.606%	0.526%	0.506%
\$230,000	2,000	1.216%	0.703%	0.545%	0.509%	0.502%
\$230,000	3,000	0.882%	0.575%	0.512%	0.503%	0.501%
\$230,000	4,000	0.706%	0.529%	0.505%	0.502%	0.501%
\$230,000	5,000	0.622%	0.514%	0.503%	0.502%	0.501%
\$230,000	10,000	0.514%	0.504%	0.503%	0.502%	0.501%
\$230,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$235,000	25	26.083%	23.856%	21.806%	19.923%	18.189%
\$235,000	50	17.478%	15.233%	13.241%	11.485%	9.945%
\$235,000	100	11.498%	9.390%	7.633%	6.182%	4.995%
\$235,000	150	8.599%	6.663%	5.131%	3.936%	3.019%
\$235,000	200	7.090%	5.266%	3.881%	2.859%	2.118%
\$235,000	300	5.425%	3.787%	2.636%	1.848%	1.325%
\$235,000	400	4.489%	3.000%	2.008%	1.376%	0.989%
\$235,000	500	3.736%	2.391%	1.550%	1.055%	0.778%
\$235,000	600	3.248%	2.011%	1.277%	0.872%	0.666%
\$235,000	700	2.972%	1.794%	1.128%	0.783%	0.618%
\$235,000	800	2.598%	1.524%	0.954%	0.682%	0.566%
\$235,000	900	2.361%	1.368%	0.863%	0.634%	0.544%
\$235,000	1,000	2.200%	1.261%	0.804%	0.608%	0.535%
\$235,000	1,500	1.564%	0.873%	0.609%	0.527%	0.506%
\$235,000	2,000	1.226%	0.707%	0.547%	0.509%	0.502%
\$235,000	3,000	0.889%	0.577%	0.512%	0.503%	0.501%

ISL limit	Members	110%	115%	120%	125%	130%
\$235,000	4,000	0.710%	0.530%	0.505%	0.502%	0.501%
\$235,000	5,000	0.625%	0.515%	0.503%	0.502%	0.501%
\$235,000	10,000	0.514%	0.504%	0.503%	0.502%	0.501%
\$235,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$240,000	25	26.186%	23.965%	21.921%	20.044%	18.315%
\$240,000	50	17.573%	15.331%	13.341%	11.585%	10.042%
\$240,000	100	11.571%	9.463%	7.702%	6.246%	5.054%
\$240,000	150	8.656%	6.717%	5.180%	3.979 %	3.056%
\$240,000	200	7.136%	5.308%	3.918%	2.891%	2.145%
\$240,000	300	5.461%	3.819%	2.662%	1 .869 %	1.341%
\$240,000	400	4.520%	3.027%	2.029%	1.391%	1.000%
\$240,000	500	3.761%	2.412%	1.565%	1.065%	0.785%
\$240,000	600	3.271%	2.029%	1.289%	0.880%	0.671%
\$240,000	700	2.994%	1.810%	1.138%	0.790%	0.622%
\$240,000	800	2.617%	1.538%	0.962%	0.686%	0.568%
\$240,000	900	2.378%	1.380%	0.870%	0.638%	0.546%
\$240,000	1,000	2.216%	1.272%	0.810%	0.612%	0.536%
\$240,000	1,500	1.576%	0.880%	0.612%	0.528%	0.506%
\$240,000	2,000	1.235%	0.711%	0.548%	0.509%	0.502%
\$240,000	3,000	0.895%	0.579%	0.512%	0.503%	0.501%
\$240,000	4,000	0.714%	0.531%	0.505%	0.502%	0.501%
\$240,000	5,000	0.628%	0.515%	0.504%	0.502%	0.501%
\$240,000	10,000	0.514%	0.504%	0.503%	0.502%	0.501%
\$240,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$245,000	25	26.286%	24.071%	22.033%	20.161%	18.437%
\$245,000	50	17.666%	15.428%	13.440%	11.684%	10.139%
\$245,000	100	11.645%	9.534%	7.771%	6.311%	5.113%
\$245,000	150	8.713%	6.771%	5.229%	4.023%	3.094%
\$245,000	200	7.182%	5.350%	3.955%	2.922 %	2.171%
\$245,000	300	5.496%	3.850%	2.688%	1.890%	1.357%
\$245,000	400	4.551%	3.054%	2.050%	1.407%	1.011%
\$245,000	500	3.785%	2.431%	1.580%	1.075%	0.791%
\$245,000	600	3.294%	2.047%	1.302%	0.888%	0.675%
\$245,000	700	3.015%	1.826%	1.149%	0.796%	0.625%
\$245,000	800	2.636%	1.551%	0.971%	0.691%	0.570%
\$245,000	900	2.395%	1.392%	0.877%	0.642%	0.547%
\$245,000	1,000	2.233%	1.283%	0.816%	0.615%	0.537%
\$245,000	1,500	1.588%	0.886%	0.615%	0.529%	0.507%

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ISL limit	Members	110%	115%	120%	125%	130%
\$245,000	2,000	1.245%	0.716%	0.549%	0.510%	0.502%
\$245,000	3,000	0.901%	0.581%	0.513%	0.503%	0.501%
\$245,000	4,000	0.718%	0.532%	0.505%	0.502%	0.501%
\$245,000	5,000	0.630%	0.516%	0.504%	0.502%	0.501%
\$245,000	10,000	0.515%	0.504%	0.503%	0.502%	0.501%
\$245,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$250,000	25	26.378%	24.169%	22.137%	20.270%	18.551%
\$250,000	50	17.756%	15.522%	13.536%	11.781%	10.233%
\$250,000	100	11.715%	9.603%	7.837%	6.373%	5.170%
\$250,000	150	8.766%	6.822%	5.276%	4.064%	3.129%
\$250,000	200	7.226%	5.391%	3.991%	2.953%	2.196%
\$250,000	300	5.530%	3.880%	2.714%	1.910%	1.372%
\$250,000	400	4.581%	3.079%	2.070%	1.423%	1.022%
\$250,000	500	3.809%	2.451%	1.594%	1.085%	0.798%
\$250,000	600	3.316%	2.064%	1.314%	0.896%	0.680%
\$250,000	700	3.036%	1.841%	1.159%	0.802%	0.629%
\$250,000	800	2.654%	1.564%	0.979%	0.696%	0.573%
\$250,000	900	2.411%	1.403%	0.884%	0.645%	0.549%
\$250,000	1,000	2.248%	1.293%	0.823%	0.618%	0.538%
\$250,000	1,500	1 .599 %	0.893%	0.617%	0.530%	0.507%
\$250,000	2,000	1.254%	0.720%	0.551%	0.510%	0.502%
\$250,000	3,000	0.907%	0.583%	0.513%	0.503%	0.501%
\$250,000	4,000	0.722%	0.533%	0.505%	0.502%	0.501%
\$250,000	5,000	0.633%	0.516%	0.504%	0.502%	0.501%
\$250,000	10,000	0.515%	0.504%	0.503%	0.502%	0.501%
\$250,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$255,000	25	26.466%	24.262%	22.235%	20.373%	18.659%
\$255,000	50	17.844%	15.613%	13.629%	11.875%	10.326%
\$255,000	100	11.783%	9.670%	7.902%	6.434%	5.226%
\$255,000	150	8.819%	6.872%	5.322%	4.105%	3.165%
\$255,000	200	7.270%	5.431%	4.027%	2.983%	2.222%
\$255,000	300	5.564%	3.910%	2.739%	1.930%	1.388%
\$255,000	400	4.610%	3.104%	2.090%	1.438%	1.033%
\$255,000	500	3.832%	2.470%	1.608%	1.095%	0.804%
\$255,000	600	3.337%	2.081%	1.326%	0.904%	0.685%
\$255,000	700	3.056%	1.856%	1.169%	0.809%	0.632%
\$255,000	800	2.672%	1.577%	0.987%	0.700%	0.575%
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AGGREGATE STOP LOSS RATE FACTORS*

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* Applied to projected claims under ISL

900

2.427%

1.414%

0.891%

0.649%

0.550%

\$255,000

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ISL limit	Members	110%	115%	120%	125%	130%
\$255,000	1,000	2.263%	1.303%	0.828%	0.621%	0.540%
\$255,000	1,500	1.611%	0.899%	0.620%	0.531%	0.507%
\$255,000	2,000	1.262%	0.724%	0.552%	0.510%	0.502%
\$255,000	3,000	0.913%	0.585%	0.514%	0.503%	0.501%
\$255,000	4,000	0.726%	0.534%	0.506%	0.502%	0.501%
\$255,000	5,000	0.636%	0.516%	0.504%	0.502%	0.501%
\$255,000	10,000	0.515%	0.504%	0.503%	0.502%	0.501%
\$255,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$260,000	25	26.550%	24.351%	22.329%	20.472%	18.762%
\$260,000	50	17.930%	15.703%	13.721%	11.968%	10.418%
\$260,000	100	11.850%	9.735%	7.965%	6.493%	5.280%
\$260,000	150	8.870%	6.920%	5.367%	4.144%	3.199%
\$260,000	200	7.312%	5.470%	4.062%	3.013%	2.246%
\$260,000	300	5.597%	3.939%	2.764%	1.950%	1.403%
\$260,000	400	4.639%	3.128%	2.110%	1.452%	1.043%
\$260,000	500	3.855%	2.488%	1.622%	1.105%	0.811%
\$260,000	600	3.358%	2.097%	1.338%	0.912%	0.689%
\$260,000	700	3.075%	1.871%	1.179%	0.815%	0.636%
\$260,000	800	2.689%	1.590%	0.995%	0.704%	0.577%
\$260,000	900	2.442%	1.425%	0.897%	0.652%	0.552%
\$260,000	1,000	2.278%	1.313%	0.834%	0.623%	0.541%
\$260,000	1,500	1.621%	0.905%	0.623%	0.532%	0.507%
\$260,000	2,000	1.271%	0.728%	0.554%	0.511%	0.502%
\$260,000	3,000	0.919%	0.587%	0.514%	0.503%	0.501%
\$260,000	4,000	0.730%	0.535%	0.506%	0.502%	0.501%
\$260,000	5,000	0.638%	0.517%	0.504%	0.502%	0.501%
\$260,000	10,000	0.516%	0.504%	0.503%	0.502%	0.501%
\$260,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$265,000	25	26.631%	24.437%	22.420%	20.568%	18.862%
\$265,000	50	18.013%	15 .789 %	13.809%	12.057%	10.507%
\$265,000	100	11.915%	9.799 %	8.027%	6.552%	5.334%
\$265,000	150	8.920%	6.968 %	5.410%	4.183%	3.233%
\$265,000	200	7.355%	5.509%	4.097%	3.043%	2.271%
\$265,000	300	5.629%	3.969%	2.788%	1.970%	1.418%
\$265,000	400	4.667%	3.153%	2.129%	1.467%	1.054%
\$265,000	500	3.877%	2.507%	1.636%	1.115%	0.817%
\$265,000	600	3.379%	2.114%	1.350%	0.920%	0.694%
\$265,000	700	3.095%	1.886%	1.189%	0.821%	0.639%

ISL limit	Members	110%	115%	120%	125%	130%
\$265,000	800	2.706%	1.602%	1.003%	0.709%	0.579%
\$265,000	900	2.458%	1.436%	0.904%	0.656%	0.554%
\$265,000	1,000	2.292%	1.323%	0.840%	0.626%	0.542%
\$265,000	1,500	1.632%	0.911%	0.625%	0.533%	0.508%
\$265,000	2,000	1.279%	0.732%	0.555%	0.511%	0.502%
\$265,000	3,000	0.925%	0.589%	0.514%	0.503%	0.501%
\$265,000	4,000	0.733%	0.536%	0.506%	0.502%	0.501%
\$265,000	5,000	0.641%	0.517%	0.504%	0.502%	0.501%
\$265,000	10,000	0.516%	0.504%	0.503%	0.502%	0.501%
\$265,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$270,000	25	26.710%	24.521%	22.509%	20.660%	18.959%
\$270,000	50	18.094%	15.873%	13.896%	12.146%	10.595%
\$270,000	100	11.979%	9.862%	8.089%	6.610%	5.388%
\$270,000	150	8.97 1%	7.016%	5.455%	4.223%	3.267%
\$270,000	200	7.397%	5.549%	4.132%	3.073%	2.296%
\$270,000	300	5.662%	3.998%	2.813%	1.989%	1.433%
\$270,000	400	4.695%	3.177%	2.149%	1.482%	1.064%
\$270,000	500	3.900%	2.525%	1.650%	1.125%	0.823%
\$270,000	600	3.400%	2.131%	1.362%	0.927%	0.699%
\$270,000	700	3.114%	1.900%	1.199%	0.827%	0.642%
\$270,000	800	2.723%	1.615%	1.011%	0.713%	0.581%
\$270,000	900	2.473%	1.447%	0.911%	0.659%	0.555%
\$270,000	1,000	2.307%	1.333%	0.846%	0.629%	0.544%
\$270,000	1,500	1.643%	0.917%	0.628%	0.534%	0.508%
\$270,000	2,000	1.288%	0.736%	0.557%	0.512%	0.502%
\$270,000	3,000	0.931%	0.591%	0.515%	0.503%	0.501%
\$270,000	4,000	0.737%	0.536%	0.506%	0.502%	0.501%
\$270,000	5,000	0.643%	0.518%	0.504%	0.502%	0.501%
\$270,000	10,000	0.516%	0.504%	0.503%	0.502%	0.501%
\$270,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$275,000	25	26.786%	24.601%	22.594%	20.750%	19.052%
\$275,000	50	18.172%	15.955%	13.980%	12.232%	10.682%
\$275,000	100	12.041%	9.924%	8.148%	6.667%	5.441%
\$275,000	150	9.020%	7.063%	5.498%	4.262%	3.301%
\$275,000	200	7.439%	5.587%	4.166%	3.103%	2.321%
\$275,000	300	5.69 4%	4.027%	2.837%	2.009%	1.448%
\$275,000	400	4.723%	3.201%	2.168%	1.496%	1.075%
\$275,000	500	3.922%	2.543%	1.664%	1.134%	0.830%

EXHIBIT 6A

ISL limit	Members	110%	115%	120%	125%	130%
\$275,000	600	3.421%	2.147%	1.374%	0.935%	0.703%
\$275,000	700	3.133%	1.915%	1.209%	0.833%	0.646%
\$275,000	800	2.740%	1.627%	1.019%	0.718%	0.583%
\$275,000	900	2.488%	1.458%	0.917%	0.663%	0.557%
\$275,000	1,000	2.321%	1.343%	0.852%	0.632%	0.545%
\$275,000	1,500	1.654%	0.923%	0.631%	0.535%	0.508%
\$275,000	2,000	1.296%	0.740%	0.558%	0.512%	0.502%
\$275,000	3,000	0.937%	0.593%	0.515%	0.503%	0.501%
\$275,000	4,000	0.741%	0.537%	0.506%	0.502%	0.501%
\$275,000	5,000	0.646%	0.518%	0.504%	0.502%	0.501%
\$275,000	10,000	0.517%	0.504%	0.503%	0.502%	0.501%
\$275,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$280,000	25	26.857%	24.676%	22.673%	20.833%	19.139%
\$280,000	50	18.245%	16.031%	14.059%	12.312%	10.762%
\$280,000	100	12.099%	9.98 1%	8.204%	6.720%	5.490%
\$280,000	150	9.066%	7.107%	5.538%	4.298%	3.333%
\$280,000	200	7.479%	5.624%	4.199%	3.131%	2.345%
\$280,000	300	5.725%	4.054%	2.860%	2.027%	1.463%
\$280,000	400	4.749%	3.223%	2.186%	1.510%	1.084%
\$280,000	500	3.943%	2.560%	1.677%	1.144%	0.836%
\$280,000	600	3.440%	2.162%	1.385%	0.943%	0.708%
\$280,000	700	3.151%	1.929%	1.218%	0.839%	0.649%
\$280,000	800	2.756%	1.639%	1.026%	0.722%	0.585%
\$280,000	900	2.502%	1.468%	0.923%	0.666%	0.559%
\$280,000	1,000	2.335%	1.352%	0.857%	0.635%	0.546%
\$280,000	1,500	1.664%	0.928%	0.633%	0.536%	0.509%
\$280,000	2,000	1.304%	0.744%	0.559%	0.512%	0.502%
\$280,000	3,000	0.942%	0.595%	0.516%	0.503%	0.501%
\$280,000	4,000	0.744%	0.538%	0.506%	0.502%	0.501%
\$280,000	5,000	0.648%	0.518%	0.504%	0.502%	0.501%
\$280,000	10,000	0.517%	0.504%	0.503%	0.502%	0.501%
\$280,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$285,000	25	26.923%	24.746%	22.747%	20.911%	19.221%
\$285,000	50	18.313%	16.103%	14.133%	12.388%	10.839%
\$285,000	100	12.153%	10.036%	8.258%	6.771%	5.537%
\$285,000	150	9.110%	7.149%	5.577%	4.333%	3.363%
\$285,000	200	7.517%	5.659%	4.231%	3.158%	2.368%
\$285,000	300	5.755%	4.080%	2.883%	2.045%	1.476%

AGGREGATE STOP LOSS RATE FACTORS*

ISL limit	Members	110%	115%	120%	125%	130%
\$285,000	400	4.774%	3.244%	2.203%	1.523%	1.094%
\$285,000	500	3.963%	2.577%	1.690%	1.153%	0.842%
\$285,000	600	3.458%	2.177%	1.396%	0.950%	0.712%
\$285,000	700	3.168%	1.942%	1.227%	0.844%	0.652%
\$285,000	800	2.771%	1.650%	1.034%	0.726%	0.588%
\$285,000	900	2.515%	1.477%	0.929%	0.669%	0.560%
\$285,000	1,000	2.348%	1.361%	0.862%	0.638%	0.548%
\$285,000	1,500	1.673%	0.934%	0.636%	0.537%	0.509%
\$285,000	2,000	1.312%	0.747%	0.561%	0.513%	0.503%
\$285,000	3,000	0.947%	0.596%	0.516%	0.503%	0.501%
\$285,000	4,000	0.748%	0.539%	0.506%	0.502%	0.501%
\$285,000	5,000	0.650%	0.519%	0.504%	0.502%	0.501%
\$285,000	10,000	0.517%	0.504%	0.503%	0.502%	0.501%
\$285,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$290,000	25	26.987%	24.814%	22.818%	20.985%	19.298%
\$290,000	50	18.378%	16.172%	14.204%	12.461%	10.913%
\$290,000	100	12.206%	10.089%	8.309%	6.820%	5.584%
\$290,000	150	9.152%	7.189%	5.614%	4.367%	3.392%
\$290,000	200	7.554%	5.694%	4.262%	3.185%	2.390%
\$290,000	300	5.784%	4.106%	2.905%	2.063%	1.490%
\$290,000	400	4.798%	3.265%	2.219%	1.536%	1.103%
\$290,000	500	3.982%	2.593%	1.702%	1.161%	0.847%
\$290,000	600	3.476%	2.191%	1.406%	0.957%	0.716%
\$290,000	700	3.184%	1.954%	1.236%	0.850%	0.655%
\$290,000	800	2.785%	1.661%	1.041%	0.730%	0.590%
\$290,000	900	2.528%	1.486%	0.935%	0.673%	0.562%
\$290,000	1,000	2.361%	1.370%	0.868%	0.641%	0.549%
\$290,000	1,500	1.682%	0.939%	0.638%	0.537%	0.509%
\$290,000	2,000	1.319%	0.751%	0.562%	0.513%	0.503%
\$290,000	3,000	0.952%	0.598%	0.516%	0.503%	0.501%
\$290,000	4,000	0.751%	0.540%	0.506%	0.502%	0.501%
\$290,000	5,000	0.653%	0.519%	0.504%	0.502%	0.501%
\$290,000	10,000	0.518%	0.504%	0.503%	0.502%	0.501%
\$290,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$295,000	25	27.047%	24.878%	22.887%	21.057%	19.373%
\$295,000	50	18.442%	16.240%	14.274%	12.533%	10.986%
\$295,000	100	12.258%	10.141%	8.360%	6.869 %	5.629%
\$295,000	150	9.193%	7.228%	5.651%	4.400%	3.422%

ISL limit	Members	110%	115%	120%	125%	130%
\$295,000	200	7.591%	5.728%	4.293%	3.212%	2.413%
\$295,000	300	5.812%	4.132%	2.926%	2.081%	1.504%
\$295,000	400	4.821%	3.285%	2.236%	1.548%	1.112%
\$295,000	500	4.001%	2.609%	1.714%	1.170%	0.853%
\$295,000	600	3.494%	2.206%	1.416%	0.964%	0.720%
\$295,000	700	3.200%	1.966%	1.244%	0.855%	0.658%
\$295,000	800	2.800%	1.671%	1.048%	0.734%	0.592%
\$295,000	900	2.541%	1.496%	0.941%	0.676%	0.563%
\$295,000	1,000	2.373%	1.379%	0.873%	0.643%	0.550%
\$295,000	1,500	1.692%	0.944%	0.641%	0.538%	0.509%
\$295,000	2,000	1.326%	0.754%	0.563%	0.513%	0.503%
\$295,000	3,000	0.957%	0.600%	0.517%	0.503%	0.501%
\$295,000	4,000	0.754%	0.540%	0.506%	0.502%	0.501%
\$295,000	5,000	0.655%	0.520%	0.504%	0.502%	0.501%
\$295,000	10,000	0.518%	0.504%	0.503%	0.502%	0.501%
\$295,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$300,000	25	27.105%	24.940%	22.952%	21.125%	19.444%
\$300,000	50	18.504%	16.305%	14.342%	12.603%	11.057%
\$300,000	100	12.309%	10.191%	8.410%	6.916%	5.674%
\$300,000	150	9.234%	7.266%	5.686%	4.433%	3.451%
\$300,000	200	7.627%	5.761%	4.323%	3.238%	2.435%
\$300,000	300	5.840%	4.157%	2.948%	2.098%	1.518%
\$300,000	400	4.844%	3.305%	2.252%	1.560%	1.121%
\$300,000	500	4.020%	2.624%	1.726%	1.179%	0.859%
\$300,000	600	3.511%	2.219%	1.426%	0.970%	0.724%
\$300,000	700	3.216%	1.978%	1.253%	0.860%	0.661%
\$300,000	800	2.814%	1.682%	1.055%	0.738%	0.594%
\$300,000	900	2.553%	1.504%	0.946%	0.679%	0.565%
\$300,000	1,000	2.385%	1.387%	0.878%	0.646%	0.551%
\$300,000	1,500	1.701%	0.950%	0.643%	0.539%	0.510%
\$300,000	2,000	1.333%	0.758%	0.565%	0.514%	0.503%
\$300,000	3,000	0.962%	0.602%	0.517%	0.503%	0.501%
\$300,000	4,000	0.757%	0.541%	0.507%	0.502%	0.501%
\$300,000	5,000	0.657%	0.520%	0.504%	0.502%	0.501%
\$300,000	10,000	0.518%	0.504%	0.503%	0.502%	0.501%
\$300,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$305,000	25	27.163%	25.001%	23.016%	21.193%	19.515%
\$305,000	50	18.565%	16.371%	14.411%	12.673%	11.128%

ISL limit	Members	110%	115%	120%	125%	130%
\$305,000	100	12.360%	10.242%	8.460%	6.964%	5.719%
\$305,000	150	9.274%	7.305%	5.722%	4.465%	3.480%
\$305,000	200	7.663%	5.795%	4.354%	3.264%	2.457%
\$305,000	300	5.868%	4.182%	2.969%	2.116%	1.532%
\$305,000	400	4.867%	3.325%	2.268%	1.573%	1.130%
\$305,000	500	4.038%	2.640%	1.738%	1.187%	0.865%
\$305,000	600	3.529%	2.233%	1.436%	0.977%	0.729%
\$305,000	700	3.232%	1.991%	1.261%	0.865%	0.664%
\$305,000	800	2.828%	1.692%	1.061%	0.742%	0.596%
\$305,000	900	2.566%	1.513%	0.952%	0.682%	0.566%
\$305,000	1,000	2.397%	1.396%	0.883%	0.649%	0.552%
\$305,000	1,500	1.710%	0.955%	0.646%	0.540%	0.510%
\$305,000	2,000	1.340%	0.762%	0.566%	0.514%	0.503%
\$305,000	3,000	0.967%	0.603%	0.518%	0.503%	0.501%
\$305,000	4,000	0.760%	0.542%	0.507%	0.502%	0.501%
\$305,000	5,000	0.659%	0.520%	0.504%	0.502%	0.501%
\$305,000	10,000	0.518%	0.504%	0.503%	0.502%	0.501%
\$305,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$310,000	25	27.218%	25.059%	23.078%	21.258%	19.583%
\$310,000	50	18.624%	16.433%	14.476%	12.740%	11.196%
\$310,000	100	12.409%	10.292%	8.508%	7.010%	5.762%
\$310,000	150	9.314%	7.343%	5.758%	4.498%	3.508%
\$310,000	200	7.698%	5.829 %	4.384%	3.290%	2.479%
\$310,000	300	5 .896 %	4.207%	2.990%	2.133%	1.545%
\$310,000	400	4.890%	3.345%	2.284%	1.585%	1.139%
\$310,000	500	4.057%	2.655%	1.750%	1.196%	0.871%
\$310,000	600	3.545%	2.247%	1.446%	0.984%	0.733%
\$310,000	700	3.247%	2.002%	1.269%	0.871%	0.667%
\$310,000	800	2.842%	1.703%	1.068%	0.746%	0.598%
\$310,000	900	2.578%	1.522%	0.958%	0.685%	0.568%
\$310,000	1,000	2.409%	1.404%	0.888%	0.651%	0.554%
\$310,000	1,500	1.719%	0.960%	0.648%	0.541%	0.510%
\$310,000	2,000	1.347%	0.765%	0.567%	0.515%	0.503%
\$310,000	3,000	0.972%	0.605%	0.518%	0.503%	0.501%
\$310,000	4,000	0.764%	0.543%	0.507%	0.502%	0.501%
\$310,000	5,000	0.661%	0.521%	0.504%	0.502%	0.501%
\$310,000	10,000	0.519%	0.504%	0.503%	0.502%	0.501%
\$310,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%

ISL limit	Members	110%	115%	120%	125%	130%
\$315,000	25	27.273%	25.117%	23.139%	21.322%	19.650%
\$315,000	50	1 8.68 1%	16.494%	14.540%	12.806%	11.263%
\$315,000	100	12.459%	10.342%	8.557%	7.057%	5.806%
\$315,000	150	9.353%	7.381%	5.793%	4.530%	3.537%
\$315,000	200	7.734%	5.862%	4.415%	3.317%	2.502%
\$315,000	300	5.923%	4.231%	3.011%	2.150%	1.559%
\$315,000	400	4.912%	3.364%	2.301%	1.598%	1.148%
\$315,000	500	4.075%	2.671%	1.762%	1.205%	0.877%
\$315,000	600	3.562%	2.260%	1.456%	0.991 %	0.737%
\$315,000	700	3.263%	2.014%	1.278%	0.876%	0.670%
\$315,000	800	2.856%	1.713%	1.075%	0.750%	0.600%
\$315,000	900	2.590%	1.531%	0.964%	0.688%	0.570%
\$315,000	1,000	2.421%	1.412%	0.893%	0.654%	0.555%
\$315,000	1,500	1.727%	0.965%	0.650%	0.542%	0.510%
\$315,000	2,000	1.354%	0.769%	0.569%	0.515%	0.503%
\$315,000	3,000	0.977%	0.607%	0.518%	0.503%	0.501%
\$315,000	4,000	0.767%	0.544%	0.507%	0.502%	0.501%
\$315,000	5,000	0.664%	0.521%	0.504%	0.502%	0.501%
\$315,000	10,000	0.519%	0.504%	0.503%	0.502%	0.501%
\$315,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$320,000	25	27.325%	25.173%	23.198%	21.384%	19.714%
\$320,000	50	18.736%	16.552%	14.601%	12.869%	11.328%
\$320,000	100	12.507%	10.390%	8.604%	7.102%	5.849%
\$320,000	150	9.392%	7.417%	5.828%	4.562%	3.565%
\$320,000	200	7.768%	5.894%	4.444%	3.343%	2.523%
\$320,000	300	5.950%	4.255%	3.032%	2.167%	1.572%
\$320,000	400	4.934%	3.384%	2.316%	1.610%	1.157%
\$320,000	500	4.093%	2.685%	1.773%	1.213%	0.882%
\$320,000	600	3.578%	2.274%	1.466%	0.997 %	0.741%
\$320,000	700	3.277%	2.026%	1.286%	0.881%	0.673%
\$320,000	800	2.869%	1.723%	1.082%	0.754%	0.602%
\$320,000	900	2.602%	1.540%	0.969%	0.692%	0.571%
\$320,000	1,000	2.433%	1.420%	0.898%	0.656%	0.556%
\$320,000	1,500	1.736%	0.970%	0.653%	0.543%	0.511%
\$320,000	2,000	1.361%	0.772%	0.570%	0.515%	0.503%
\$320,000	3,000	0.981%	0.608%	0.519%	0.503%	0.501%
\$320,000	4,000	0.770%	0.544%	0.507%	0.502%	0.501%
\$320,000	5,000	0.666%	0.521%	0.504%	0.502%	0.501%

ISL limit	Members	110%	115%	120%	125%	130%
\$320,000	10,000	0.519%	0.504%	0.503%	0.502%	0.501%
\$320,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$325,000	25	27.375%	25.225%	23.253%	21.441%	19.775%
\$325,000	50	18.787%	16.607%	14.659%	12.929%	11.389%
\$325,000	100	12.551%	10.434%	8.647%	7.144%	5.889 %
\$325,000	150	9.428%	7.453%	5.861%	4.592%	3.592%
\$325,000	200	7.801%	5.925%	4.472%	3.367%	2.543%
\$325,000	300	5.975%	4.278%	3.051%	2.183%	1.585%
\$325,000	400	4.955%	3.402%	2.332%	1.621%	1.166%
\$325,000	500	4.109%	2.699%	1.784%	1.221%	0.888%
\$325,000	600	3.594%	2.286%	1.475%	1.003%	0.745%
\$325,000	700	3.291%	2.037%	1.293%	0.886%	0.676%
\$325,000	800	2.881%	1.732%	1.088%	0.758%	0.604%
\$325,000	900	2.613%	1.548%	0.975%	0.695%	0.573%
\$325,000	1,000	2.444%	1.428%	0.902%	0.659%	0.557%
\$325,000	1,500	1.739%	0.971%	0.652%	0.542%	0.510%
\$325,000	2,000	1.368%	0.775%	0.571%	0.516%	0.503%
\$325,000	3,000	0.986%	0.610%	0.519%	0.504%	0.501%
\$325,000	4,000	0.773%	0.545%	0.507%	0.502%	0.501%
\$325,000	5,000	0.668%	0.522%	0.504%	0.502%	0.501%
\$325,000	10,000	0.520%	0.504%	0.503%	0.502%	0.501%
\$325,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$330,000	25	27.422%	25.276%	23.307%	21.497%	19.833%
\$330,000	50	18.838%	16.661%	14.716%	12.988%	11.448%
\$330,000	100	12.593%	10.477%	8.690%	7.185%	5 .927 %
\$330,000	150	9.464%	7.487%	5.893%	4.621%	3.618%
\$330,000	200	7.832%	5.955%	4.499%	3.391%	2.563%
\$330,000	300	5 .999 %	4.300%	3.070%	2.198%	1.597%
\$330,000	400	4.975%	3.420%	2.346%	1.633%	1.174%
\$330,000	500	4.126%	2.713%	1.795%	1.229%	0.893%
\$330,000	600	3.608%	2.298%	1.484%	1.010%	0.749%
\$330,000	700	3.305%	2.047%	1.301%	0.890%	0.679%
\$330,000	800	2.893%	1.741%	1.094%	0.761%	0.606%
\$330,000	900	2.624%	1.556%	0.980%	0.698%	0.574%
\$330,000	1,000	2.455%	1.436%	0.907%	0.661%	0.558%
\$330,000	1,500	1.747%	0.976%	0.654%	0.543%	0.510%
\$330,000	2,000	1.374%	0.778%	0.572%	0.516%	0.503%
\$330,000	3,000	0.990%	0.612%	0.520%	0.504%	0.501%

ISL limit Members 110% 115% 120% 125% 130% \$330,000 4,000 0.776% 0.546% 0.507% 0.502% 0.501% 5,000 0.670% 0.522% 0.502% \$330,000 0.504% 0.501% \$330,000 10,000 0.520% 0.504% 0.503% 0.502% 0.501% \$330,000 20,000 0.405% 0.404% 0.403% 0.402% 0.401% \$335,000 25 27.470% 25.326% 21.553% 19.891% 23.360% \$335,000 50 16.715% 14.773% 18.888% 13.047% 11.509% 100 12.636% 10.520% 8.732% 7.226% \$335,000 5.967% \$335,000 150 9.500% 7.522% 5.926% 4.651% 3.645% 200 7.865% \$335,000 5.985% 4.526% 3.415% 2.584% \$335,000 300 6.024% 4.322% 3.089% 2.214% 1.610% \$335,000 400 4.996% 3.438% 2.361% 1.644% 1.182% 2.727% 1.237% \$335,000 500 4.142% 1.806% 0.898% \$335,000 600 2.310% 0.753% 3.624% 1.493% 1.016% \$335,000 700 3.318% 2.058% 1.308% 0.895% 0.681% 1.750% \$335,000 800 2.906% 1.100% 0.765% 0.608% \$335,000 900 2.635% 1.564% 0.985% 0.701% 0.576% \$335,000 1,000 2.466% 1.443% 0.912% 0.664% 0.559% 0.544% \$335,000 1,500 1.756% 0.981% 0.657% 0.511% \$335,000 2,000 1.380% 0.782% 0.574% 0.516% 0.503% \$335,000 3,000 0.994% 0.613% 0.520% 0.504% 0.501% \$335,000 4,000 0.779% 0.547% 0.507% 0.502% 0.501% \$335,000 5,000 0.672% 0.523% 0.504% 0.502% 0.501% \$335,000 10,000 0.520% 0.504% 0.503% 0.502% 0.501% \$335,000 20,000 0.405% 0.404% 0.403% 0.402% 0.401% \$340,000 25 27.518% 25.377% 23.413% 21.609% 19.950% 50 18.938% 16.769% 13.106% \$340,000 14.830% 11.569% \$340,000 100 12.679% 10.564% 8.776% 7.268% 6.007% 9.536% 7.557% 5.959% \$340,000 150 4.682% 3.672% \$340,000 200 7.897% 6.016% 3.439% 2.605% 4.554% 2.230% \$340,000 300 6.049% 4.345% 3.109% 1.622% \$340,000 400 5.017% 3.456% 2.376% 1.656% 1.191% 500 2.741% \$340,000 4.159% 1.817% 1.245% 0.904% \$340,000 600 3.639% 2.322% 1.022% 1.502% 0.757%

AGGREGATE STOP LOSS RATE FACTORS*

* Applied to projected claims under ISL

\$340,000

\$340,000

\$340,000

\$340,000

\$340,000

700

800

900

1,000

1,500

3.332%

2.918%

2.646%

2.477%

1.764%

2.069%

1.760%

1.573%

1.451%

0.986%

1.316%

1.107%

0.990%

0.916%

0.659%

0.900%

0.769%

0.704%

0.667%

0.544%

0.684%

0.610%

0.577%

0.561%

0.511%

ISL limit	Members	110%	115%	120%	125%	130%
\$340,000	2,000	1.387%	0.785%	0.575%	0.517%	0.503%
\$340,000	3,000	0.999%	0.615%	0.520%	0.504%	0.501%
\$340,000	4,000	0.782%	0.547%	0.507%	0.502%	0.501%
\$340,000	5,000	0.674%	0.523%	0.504%	0.502%	0.501%
\$340,000	10,000	0.521%	0.504%	0.503%	0.502%	0.501%
\$340,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$345,000	25	27.566%	25.427%	23.466%	21.665%	20.008%
\$345,000	50	18.988%	16.823%	14.886%	13.165%	11.630%
\$345,000	100	12.723%	10.608%	8.820%	7.311%	6.047%
\$345,000	150	9.573%	7.593%	5.993 %	4.713%	3.699%
\$345,000	200	7.930%	6.047%	4.583%	3.464%	2.626%
\$345,000	300	6.075%	4.368%	3.129%	2.247%	1.636%
\$345,000	400	5.038%	3.475%	2.392%	1.668%	1.200%
\$345,000	500	4.176%	2.755%	1.828%	1.253%	0.909%
\$345,000	600	3.654%	2.335%	1.512%	1.029%	0.761%
\$345,000	700	3.346%	2.080%	1.324%	0.905%	0.687%
\$345,000	800	2.931%	1.769%	1.113%	0.773%	0.612%
\$345,000	900	2.658%	1.581%	0.996%	0.707%	0.579%
\$345,000	1,000	2.488%	1.459%	0.921%	0.669%	0.562%
\$345,000	1,500	1.772%	0.991%	0.662%	0.545%	0.511%
\$345,000	2,000	1.393%	0.788%	0.576%	0.517%	0.503%
\$345,000	3,000	1.003%	0.616%	0.521%	0.504%	0.501%
\$345,000	4,000	0.785%	0.548%	0.508%	0.502%	0.501%
\$345,000	5,000	0.676%	0.523%	0.504%	0.502%	0.501%
\$345,000	10,000	0.521%	0.504%	0.503%	0.502%	0.501%
\$345,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$350,000	25	27.612%	25.476%	23.518%	21.719%	20.064%
\$350,000	50	19.036%	16.874%	14.940%	13.221%	11.688%
\$350,000	100	12.765%	10.651%	8.862%	7.352%	6.087%
\$350,000	150	9.609%	7.628%	6.025%	4.743%	3.726%
\$350,000	200	7.962%	6.077%	4.610%	3.488%	2.647%
\$350,000	300	6.099 %	4.391%	3.148%	2.263%	1.648%
\$350,000	400	5.058%	3.493%	2.406%	1.679%	1.208%
\$350,000	500	4.192%	2.769%	1.839%	1.261%	0.915%
\$350,000	600	3.669%	2.347%	1.521%	1.035%	0.765%
\$350,000	700	3.360%	2.090%	1.331%	0.910%	0.690%
\$350,000	800	2.943%	1.779%	1.120%	0.777%	0.615%
\$350,000	900	2.669%	1.589%	1.001%	0.710%	0.580%

ISL limit	Members	110%	115%	120%	125%	130%
\$350,000	1,000	2.499%	1.467%	0.926%	0.672%	0.563%
\$350,000	1,500	1.781%	0.996%	0.664%	0.546%	0.512%
\$350,000	2,000	1.400%	0.792%	0.578%	0.517%	0.504%
\$350,000	3,000	1.008%	0.618%	0.521%	0.504%	0.501%
\$350,000	4,000	0.787%	0.549%	0.508%	0.502%	0.501%
\$350,000	5,000	0.678%	0.524%	0.504%	0.502%	0.501%
\$350,000	10,000	0.521%	0.504%	0.503%	0.502%	0.501%
\$350,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$355,000	25	27.657%	25.524%	23.568%	21.772%	20.119%
\$355,000	50	19.082%	16.924%	14.994%	13.277%	11.745%
\$355,000	100	12.807%	10.694%	8.905%	7.393%	6.126%
\$355,000	150	9.644%	7.662%	6.058%	4.773%	3.754%
\$355,000	200	7.993%	6.107%	4.638%	3.513%	2.667%
\$355,000	300	6.124%	4.414%	3.168%	2.279%	1.661%
\$355,000	400	5.078%	3.510%	2.421%	1.691%	1.217%
\$355,000	500	4.209%	2.783%	1.850%	1.269%	0.920%
\$355,000	600	3.684%	2.359%	1.530%	1.041%	0.769%
\$355,000	700	3.373%	2.101%	1.339%	0.914%	0.693%
\$355,000	800	2.955%	1.788%	1.126%	0.781%	0.617%
\$355,000	900	2.680%	1.597%	1.007%	0.713%	0.582%
\$355,000	1,000	2.510%	1.475%	0.931%	0.674%	0.564%
\$355,000	1,500	1.789%	1.001%	0.666%	0.547%	0.512%
\$355,000	2,000	1.406%	0.795%	0.579%	0.518%	0.504%
\$355,000	3,000	1.012%	0.620%	0.522%	0.504%	0.501%
\$355,000	4,000	0.790%	0.550%	0.508%	0.502%	0.501%
\$355,000	5,000	0.680%	0.524%	0.504%	0.502%	0.501%
\$355,000	10,000	0.522%	0.504%	0.503%	0.502%	0.501%
\$355,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$360,000	25	27.701%	25.570%	23.617%	21.823%	20.172%
\$360,000	50	19.128%	16.972%	15.045%	13.331%	11.801%
\$360,000	100	12.848%	10.736%	8.947%	7.434%	6.165%
\$360,000	150	9.679%	7.696%	6.090%	4.802%	3.780%
\$360,000	200	8.024%	6.137%	4.665%	3.536%	2.688%
\$360,000	300	6.148%	4.436%	3.187%	2.295%	1.674%
\$360,000	400	5.098%	3.528%	2.436%	1.702%	1.225%
\$360,000	500	4.225%	2.797%	1.861%	1.277%	0.926%
\$360,000	600	3.699%	2.371%	1.539%	1.048%	0.773%
\$360,000	700	3.387%	2.112%	1.347%	0.919%	0.696%

ISL limit	Members	110%	115%	120%	125%	130%
\$360,000	800	2.967%	1.797%	1.132%	0.785%	0.619%
\$360,000	900	2.69 1%	1.606%	1.012%	0.716%	0.584%
\$360,000	1,000	2.520%	1.482%	0.935%	0.677%	0.566%
\$360,000	1,500	1.797%	1.005%	0.669%	0.548%	0.512%
\$360,000	2,000	1.412%	0.798%	0.580%	0.518%	0.504%
\$360,000	3,000	1.016%	0.621%	0.522%	0.504%	0.501%
\$360,000	4,000	0.793%	0.551%	0.508%	0.502%	0.501%
\$360,000	5,000	0.682%	0.524%	0.504%	0.502%	0.501%
\$360,000	10,000	0.522%	0.504%	0.503%	0.502%	0.501%
\$360,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$365,000	25	27.742%	25.614%	23.663%	21.871%	20.223%
\$365,000	50	19.171%	17.019%	15.095%	13.383%	11.855%
\$365,000	100	12.887%	10.777%	8.987%	7.473%	6.202%
\$365,000	150	9.712%	7.729%	6.122%	4.831%	3.806%
\$365,000	200	8.054%	6.165%	4.691%	3.560%	2.708%
\$365,000	300	6.171%	4.458%	3.205%	2.310%	1.686%
\$365,000	400	5.118%	3.545%	2.450%	1.713%	1.234%
\$365,000	500	4.241%	2.810%	1.872%	1.285%	0.931%
\$365,000	600	3.713%	2.383%	1.548%	1.054%	0.777%
\$365,000	700	3.400%	2.122%	1.354%	0.924%	0.699%
\$365,000	800	2.979%	1.806%	1.139%	0.789%	0.621%
\$365,000	900	2.702%	1.614%	1.018%	0.719%	0.585%
\$365,000	1,000	2.530%	1.489%	0.940%	0.679%	0.567%
\$365,000	1,500	1.804%	1.010%	0.671%	0.549%	0.512%
\$365,000	2,000	1.418%	0.801%	0.582%	0.519%	0.504%
\$365,000	3,000	1.020%	0.623%	0.522%	0.504%	0.501%
\$365,000	4,000	0.796%	0.551%	0.508%	0.502%	0.501%
\$365,000	5,000	0.684%	0.525%	0.504%	0.502%	0.501%
\$365,000	10,000	0.522%	0.504%	0.503%	0.502%	0.501%
\$365,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$370,000	25	27.783%	25.657%	23.709%	21.919%	20.273%
\$370,000	50	19.213%	17.064%	15.143%	13.433%	11.907%
\$370,000	100	12.926%	10.817%	9.027%	7.512%	6.239%
\$370,000	150	9.746%	7.762%	6.153%	4.860%	3.832%
\$370,000	200	8.084%	6.193%	4.717%	3.583%	2.727%
\$370,000	300	6.195%	4.479%	3.224%	2.326%	1.698%
\$370,000	400	5.137%	3.562%	2.464%	1.724%	1.242%
\$370,000	500	4.257%	2.824%	1.883%	1.293%	0.937%

ISL limit	Members	110%	115%	120%	125%	130%
\$370,000	600	3.727%	2.394%	1.557%	1.060%	0.781%
\$370,000	700	3.413%	2.132%	1.361%	0.929%	0.702%
\$370,000	800	2.99 1%	1.815%	1.145%	0.792%	0.623%
\$370,000	900	2.712%	1.622%	1.023%	0.722%	0.587%
\$370,000	1,000	2.541%	1.497%	0.945%	0.682%	0.568%
\$370,000	1,500	1.812%	1.015%	0.673%	0.550%	0.513%
\$370,000	2,000	1.425%	0.805%	0.583%	0.519%	0.504%
\$370,000	3,000	1.025%	0.624%	0.523%	0.504%	0.501%
\$370,000	4,000	0.799%	0.552%	0.508%	0.502%	0.501%
\$370,000	5,000	0.686%	0.525%	0.504%	0.502%	0.501%
\$370,000	10,000	0.523%	0.504%	0.503%	0.502%	0.501%
\$370,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$375,000	25	27.823%	25.699%	23.753%	21.966%	20.321%
\$375,000	50	19.255%	17.108%	15.190%	13.483%	11.959%
\$375,000	100	12.964%	10.857%	9.066%	7.551%	6.276%
\$375,000	150	9.779%	7.794%	6.184%	4.888%	3.858%
\$375,000	200	8.114%	6.222%	4.743%	3.606%	2.747%
\$375,000	300	6.218%	4.501%	3.243%	2.341%	1.711%
\$375,000	400	5.156%	3.579%	2.478%	1.735%	1.250%
\$375,000	500	4.273%	2.837%	1.893%	1.301%	0.942%
\$375,000	600	3.741%	2.406%	1.565%	1.066%	0.785%
\$375,000	700	3.426%	2.142%	1.369%	0.934%	0.705%
\$375,000	800	3.003%	1.824%	1.151%	0.796%	0.625%
\$375,000	900	2.723%	1.630%	1.028%	0.725%	0.589%
\$375,000	1,000	2.551%	1.504%	0.949%	0.684%	0.569%
\$375,000	1,500	1.820%	1.019%	0.676%	0.551%	0.513%
\$375,000	2,000	1.431%	0.808%	0.584%	0.519%	0.504%
\$375,000	3,000	1.029%	0.626%	0.523%	0.504%	0.501%
\$375,000	4,000	0.802%	0.553%	0.508%	0.502%	0.501%
\$375,000	5,000	0.688%	0.526%	0.504%	0.502%	0.501%
\$375,000	10,000	0.523%	0.504%	0.503%	0.502%	0.501%
\$375,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$380,000	25	27.862%	25.741%	23.798%	22.012%	20.370%
\$380,000	50	19.296%	17.153%	15.237%	13.533%	12.010%
\$380,000	100	13.003%	10.897%	9.107%	7.590%	6.314%
\$380,000	150	9.813%	7.827%	6.215%	4.918%	3.885%
\$380,000	200	8.143%	6.250%	4.769%	3.62 9 %	2.767%
\$380,000	300	6.242%	4.522%	3.262%	2.357%	1.724%

ISL limit	Members	110%	115%	120%	125%	130%
\$380,000	400	5.175%	3.596%	2.493%	1.746%	1.259%
\$380,000	500	4.289%	2.851%	1.904%	1.309%	0.948%
\$380,000	600	3.755%	2.417%	1.574%	1.072%	0.790%
\$380,000	700	3.439%	2.153%	1.376%	0.938%	0.708%
\$380,000	800	3.015%	1.834%	1.157%	0.800%	0.627%
\$380,000	900	2.734%	1.638%	1.034%	0.729%	0.590%
\$380,000	1,000	2.561%	1.511%	0.954%	0.687%	0.570%
\$380,000	1,500	1.827%	1.024%	0.678%	0.552%	0.513%
\$380,000	2,000	1.437%	0.811%	0.585%	0.520%	0.504%
\$380,000	3,000	1.033%	0.628%	0.524%	0.504%	0.501%
\$380,000	4,000	0.805%	0.554%	0.508%	0.502%	0.501%
\$380,000	5,000	0.690%	0.526%	0.504%	0.502%	0.501%
\$380,000	10,000	0.523%	0.504%	0.503%	0.502%	0.501%
\$380,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$385,000	25	27.902%	25.783%	23.842%	22.058%	20.418%
\$385,000	50	19.337%	17.197%	15.284%	13.582%	12.062%
\$385,000	100	13.042%	10.937%	9.147%	7.629%	6.352%
\$385,000	150	9.847%	7.860%	6.247%	4.947%	3.912%
\$385,000	200	8.174%	6.279%	4.796%	3.653%	2.788%
\$385,000	300	6.266%	4.544%	3.281%	2.373%	1.736%
\$385,000	400	5.195%	3.613%	2.507%	1.758%	1.267%
\$385,000	500	4.305%	2.864%	1.915%	1.317%	0.954%
\$385,000	600	3.770%	2.429%	1.583%	1.078%	0.794%
\$385,000	700	3.452%	2.163%	1.384%	0.943%	0.711%
\$385,000	800	3.027%	1.843%	1.164%	0.804%	0.630%
\$385,000	900	2.745%	1.646%	1.039%	0.732%	0.592%
\$385,000	1,000	2.571%	1.518%	0.958%	0.689%	0.572%
\$385,000	1,500	1.835%	1.028%	0.680%	0.553%	0.514%
\$385,000	2,000	1.443%	0.814%	0.587%	0.520%	0.504%
\$385,000	3,000	1.037%	0.629%	0.524%	0.504%	0.501%
\$385,000	4,000	0.807%	0.554%	0.509%	0.502%	0.501%
\$385,000	5,000	0.692%	0.526%	0.505%	0.502%	0.501%
\$385,000	10,000	0.524%	0.504%	0.503%	0.502%	0.501%
\$385,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$390,000	25	27.940%	25.823%	23.884%	22.103%	20.464%
\$390,000	50	19.377%	17.240%	15.330%	13.631%	12.113%
\$390,000	100	13.080%	10.976%	9.187%	7.668%	6.389%
\$390,000	150	9.880%	7.893%	6.278%	4.976%	3.938%

ISL limit	Members	110%	115%	120%	125%	130%
\$390,000	200	8.204%	6.307%	4.822%	3.676%	2.808%
\$390,000	300	6.289%	4.566%	3.300%	2.389%	1.749%
\$390,000	400	5.214%	3.630%	2.522%	1.769%	1.276%
\$390,000	500	4.321%	2.878%	1.926%	1.325%	0.959%
\$390,000	600	3.784%	2.441%	1.592%	1.085%	0.798%
\$390,000	700	3.465%	2.174%	1.391%	0.948%	0.714%
\$390,000	800	3.039%	1.852%	1.170%	0.808%	0.632%
\$390,000	900	2.756%	1.654%	1.044%	0.735%	0.594%
\$390,000	1,000	2.581%	1.526%	0.963%	0.692%	0.573%
\$390,000	1,500	1.843%	1.033%	0.683%	0.554%	0.514%
\$390,000	2,000	1.449%	0.818%	0.588%	0.521%	0.504%
\$390,000	3,000	1.041%	0.631%	0.525%	0.504%	0.501%
\$390,000	4,000	0.810%	0.555%	0.509%	0.502%	0.501%
\$390,000	5,000	0.694%	0.527%	0.505%	0.502%	0.501%
\$390,000	10,000	0.524%	0.504%	0.503%	0.502%	0.501%
\$390,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$395,000	25	27.976%	25.861%	23.924%	22.145%	20.508%
\$395,000	50	19.416%	17.282%	15.375%	13.678%	12.162%
\$395,000	100	13.118%	11.016%	9.226%	7.707%	6.427%
\$395,000	150	9.913%	7.925%	6.309%	5.005%	3.965%
\$395,000	200	8.233%	6.335%	4.848%	3.699 %	2.828%
\$395,000	300	6.312%	4.587%	3.318%	2.404%	1.762%
\$395,000	400	5.233%	3.647%	2.536%	1.780%	1.284%
\$395,000	500	4.337%	2.892%	1.937%	1.334%	0.965%
\$395,000	600	3.798%	2.453%	1.601%	1.091%	0.802%
\$395,000	700	3.478%	2.184%	1.399%	0.953%	0.716%
\$395,000	800	3.051%	1.861%	1.177%	0.812%	0.634%
\$395,000	900	2.767%	1.662%	1.050%	0.738%	0.595%
\$395,000	1,000	2.591%	1.533%	0.967%	0.694%	0.574%
\$395,000	1,500	1.850%	1.038%	0.685%	0.555%	0.514%
\$395,000	2,000	1.455%	0.821%	0.589%	0.521%	0.504%
\$395,000	3,000	1.046%	0.633%	0.525%	0.505%	0.501%
\$395,000	4,000	0.813%	0.556%	0.509%	0.502%	0.501%
\$395,000	5,000	0.696%	0.527%	0.505%	0.502%	0.501%
\$395,000	10,000	0.524%	0.504%	0.503%	0.502%	0.501%
\$395,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$400,000	25	28.008%	25.896 %	23.961%	22.183%	20.548%
\$400,000	50	19.454%	17.322%	15.418%	13.723%	12.209%

ISL limit	Members	110%	115%	120%	125%	130%
\$400,000	100	13.154%	11.053%	9.264%	7.744%	6.463%
\$400,000	150	9.944%	7.956%	6.338%	5.033%	3.990%
\$400,000	200	8.260%	6.361%	4.872%	3.721%	2.847%
\$400,000	300	6.334%	4.608%	3.336%	2.419%	1.774%
\$400,000	400	5.250%	3.663%	2.549%	1.791%	1.292%
\$400,000	500	4.352%	2.905%	1.947%	1.341%	0.971%
\$400,000	600	3.812%	2.464%	1.610%	1.097%	0.806%
\$400,000	700	3.490%	2.193%	1.406%	0.958%	0.719%
\$400,000	800	3.062%	1.870%	1.183%	0.816%	0.636%
\$400,000	900	2.777%	1.670%	1.055%	0.741%	0.597%
\$400,000	1,000	2.601%	1.540%	0.972%	0.697%	0.576%
\$400,000	1,500	1.858%	1.042%	0.687%	0.556%	0.515%
\$400,000	2,000	1.461%	0.824%	0.591%	0.521%	0.505%
\$400,000	3,000	1.050%	0.634%	0.525%	0.505%	0.501%
\$400,000	4,000	0.816%	0.557%	0.509%	0.502%	0.501%
\$400,000	5,000	0.698%	0.528%	0.505%	0.502%	0.501%
\$400,000	10,000	0.525%	0.504%	0.503%	0.502%	0.501%
\$400,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$405,000	25	28.039%	25.929%	23.996%	22.220%	20.587%
\$405,000	50	19.489%	17.360%	15.458%	13.766%	12.254%
\$405,000	100	13.189%	11.090%	9.302%	7.781%	6.499%
\$405,000	150	9.975%	7.986%	6.367%	5.060%	4.015%
\$405,000	200	8.287%	6.387%	4.896%	3.742%	2.865%
\$405,000	300	6.355%	4.628%	3.354%	2.434%	1.786%
\$405,000	400	5.268%	3.679%	2.563%	1.802%	1.300%
\$405,000	500	4.366%	2.917%	1.957%	1.349%	0.976%
\$405,000	600	3.825%	2.475%	1.618%	1.103%	0.810%
\$405,000	700	3.501%	2.203%	1.413%	0.962%	0.722%
\$405,000	800	3.073%	1.878%	1.189%	0.820%	0.639%
\$405,000	900	2.787%	1.677%	1.060%	0.744%	0.598%
\$405,000	1,000	2.610%	1.547%	0.976%	0.699%	0.577%
\$405,000	1,500	1.865%	1.046%	0.689%	0.557%	0.515%
\$405,000	2,000	1.467%	0.827%	0.592%	0.522%	0.505%
\$405,000	3,000	1.053%	0.636%	0.526%	0.505%	0.501%
\$405,000	4,000	0.819%	0.557%	0.509%	0.502%	0.501%
\$405,000	5,000	0.700%	0.528%	0.505%	0.502%	0.501%
\$405,000	10,000	0.525%	0.504%	0.503%	0.502%	0.501%
\$405,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%

EXHIBIT 6A

\$410,000 50 19.524% 17.397% 15.498% 13.808% 12	.625% .298%
	.298%
\$410,000 100 13.224% 11.126% 9.339% 7.818% 6.	
	534%
\$410,000 150 10.006% 8.016% 6.396% 5.088% 4.	040%
\$410,000 200 8.314% 6.413% 4.920% 3.764% 2.	884%
\$410,000 300 6.377% 4.648% 3.371% 2.449% 1.	798 %
\$410,000 400 5.285% 3.695% 2.576% 1.812% 1.	308%
\$410,000 500 4.381% 2.930% 1.967% 1.357% 0.	98 1%
\$410,000 600 3.838% 2.486% 1.627% 1.109% 0.	814%
\$410,000 700 3.513% 2.212% 1.420% 0.967% 0.	725%
\$410,000 800 3.084% 1.887% 1.194% 0.824% 0.	641%
\$410,000 900 2.797% 1.685% 1.065% 0.747% 0.	600%
\$410,000 1,000 2.620% 1.553% 0.980% 0.702% 0.	578 %
\$410,000 1,500 1.872% 1.051% 0.692% 0.558% 0.	515%
\$410,000 2,000 1.472% 0.830% 0.593% 0.522% 0.	505%
\$410,000 3,000 1.057% 0.637% 0.526% 0.505% 0.	501%
\$410,000 4,000 0.821% 0.558% 0.509% 0.502% 0.	501%
\$410,000 5,000 0.702% 0.528% 0.505% 0.502% 0.	501%
\$410,000 10,000 0.525% 0.504% 0.503% 0.502% 0.	501%
\$410,000 20,000 0.405% 0.404% 0.403% 0.402% 0.	401%
\$415,000 25 28.100% 25.993% 24.064% 22.292% 20	.662%
\$415,000 50 19.558% 17.434% 15.537% 13.849% 12	.342%
\$415,000 100 13.258% 11.162% 9.375% 7.854% 6.	569 %
\$415,000 150 10.036% 8.046% 6.425% 5.115% 4.	064%
\$415,000 200 8.340% 6.438% 4.943% 3.785% 2.	903%
\$415,000 300 6.398% 4.667% 3.389% 2.464% 1.	810%
\$415,000 400 5.303% 3.710% 2.589% 1.823% 1.	316%
\$415,000 500 4.396% 2.942% 1.977% 1.364% 0.	987 %
\$415,000 600 3.852% 2.498% 1.636% 1.115% 0.	818%
\$415,000 700 3.525% 2.222% 1.426% 0.972% 0.	728%
\$415,000 800 3.094% 1.895% 1.200% 0.828% 0.	643%
\$415,000 900 2.807% 1.692% 1.070% 0.750% 0.	602%
\$415,000 1,000 2.629% 1.560% 0.985% 0.704% 0.	579%
\$415,000 1,500 1.878% 1.055% 0.694% 0.559% 0.	516%
\$415,000 2,000 1.478% 0.833% 0.595% 0.523% 0.	505%
\$415,000 3,000 1.061% 0.639% 0.527% 0.505% 0.	501%
\$415,000 4,000 0.824% 0.559% 0.509% 0.503% 0.	501%
\$415,000 5,000 0.704% 0.529% 0.505% 0.502% 0.	501%

AGGREGATE STOP LOSS RATE FACTORS*

ISL limit	Members	110%	115%	120%	125%	130%
\$415,000	10,000	0.526%	0.504%	0.503%	0.502%	0.501%
\$415,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$420,000	25	28.129%	26.025%	24.097%	22.327%	20.698%
\$420,000	50	19.592%	17.470%	15.576%	13.890%	12.384%
\$420,000	100	13.292%	11.198%	9.412%	7.890%	6.604%
\$420,000	150	10.067%	8.077%	6.454%	5.142%	4.089%
\$420,000	200	8.367%	6.463%	4.967%	3.806%	2.921 %
\$420,000	300	6.420%	4.687%	3.406%	2.478%	1.822%
\$420,000	400	5.320%	3.726%	2.603%	1.834%	1.324%
\$420,000	500	4.411%	2.955%	1.988%	1.372%	0.992%
\$420,000	600	3.865%	2.509%	1.644%	1.121%	0.823%
\$420,000	700	3.536%	2.231%	1.433%	0.976%	0.730%
\$420,000	800	3.105%	1.904%	1.206%	0.831%	0.645%
\$420,000	900	2.817%	1.700%	1.075%	0.753%	0.603%
\$420,000	1,000	2.638%	1.567%	0.989%	0.706%	0.580%
\$420,000	1,500	1.885%	1.059%	0.696%	0.560%	0.516%
\$420,000	2,000	1.484%	0.836%	0.596%	0.523%	0.505%
\$420,000	3,000	1.065%	0.640%	0.527%	0.505%	0.501%
\$420,000	4,000	0.827%	0.560%	0.509%	0.503%	0.501%
\$420,000	5,000	0.705%	0.529%	0.505%	0.502%	0.501%
\$420,000	10,000	0.526%	0.504%	0.503%	0.502%	0.501%
\$420,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$425,000	25	28.157%	26.054%	24.128%	22.359%	20.732%
\$425,000	50	19.623%	17.503%	15.612%	13 .928 %	12.424%
\$425,000	100	13.324%	11.231%	9.446%	7.924 %	6.637%
\$425,000	150	10.095%	8.105%	6.482%	5.168%	4.113%
\$425,000	200	8.39 1%	6.487%	4.989 %	3.827%	2.939%
\$425,000	300	6.440%	4.706%	3.423%	2.493%	1.833%
\$425,000	400	5.337%	3.741%	2.615%	1.844%	1.332%
\$425,000	500	4.424%	2 .967 %	1.997%	1.379%	0.998%
\$425,000	600	3.878%	2.519%	1.652%	1.127%	0.826%
\$425,000	700	3.547%	2.240%	1.440%	0.981 %	0.733%
\$425,000	800	3.116%	1.912%	1.212%	0.835%	0.647%
\$425,000	900	2.826%	1.707%	1.080%	0.756%	0.605%
\$425,000	1,000	2.647%	1.573%	0.993%	0.709%	0.581%
\$425,000	1,500	1.892%	1.063%	0.698%	0.561%	0.516%
\$425,000	2,000	1.489%	0.839%	0.597%	0.523%	0.505%
\$425,000	3,000	1.068%	0.642%	0.528%	0.505%	0.501%

ISL limit	Members	110%	115%	120%	125%	130%
\$425,000	4,000	0.829%	0.560%	0.510%	0.503%	0.501%
\$425,000	5,000	0.707%	0.530%	0.505%	0.502%	0.501%
\$425,000	10,000	0.526%	0.504%	0.503%	0.502%	0.501%
\$425,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$430,000	25	28.184%	26.082%	24.158%	22.391%	20.765%
\$430,000	50	19.654%	17.537%	15.647%	13.965%	12.463%
\$430,000	100	13.356%	11.265%	9.481%	7.958%	6.670%
\$430,000	150	10.124%	8.134%	6.509%	5.194%	4.137%
\$430,000	200	8.416%	6.511%	5.012%	3.847%	2.957%
\$430,000	300	6.460%	4.725%	3.440%	2.507%	1.845%
\$430,000	400	5.353%	3.756%	2.628%	1.854%	1.339%
\$430,000	500	4.438%	2.979 %	2.007%	1.386%	1.003%
\$430,000	600	3.890%	2.530%	1.660%	1.132%	0.830%
\$430,000	700	3.558%	2.249%	1.446%	0.985%	0.736%
\$430,000	800	3.126%	1.920%	1.218%	0.839%	0.650%
\$430,000	900	2.835%	1.714%	1.085%	0.759%	0.607%
\$430,000	1,000	2.656%	1.579%	0.997%	0.711%	0.583%
\$430,000	1,500	1.899%	1.068%	0.700%	0.562%	0.517%
\$430,000	2,000	1.494%	0.842%	0.598%	0.524%	0.505%
\$430,000	3,000	1.072%	0.643%	0.528%	0.505%	0.501%
\$430,000	4,000	0.832%	0.561%	0.510%	0.503%	0.501%
\$430,000	5,000	0.709%	0.530%	0.505%	0.502%	0.501%
\$430,000	10,000	0.527%	0.505%	0.503%	0.502%	0.501%
\$430,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$435,000	25	28.209%	26.110%	24.187%	22.421%	20.797%
\$435,000	50	19.683%	17.568%	15.681%	14.001%	12.501%
\$435,000	100	13.387%	11.297%	9.513%	7.991 %	6.702%
\$435,000	150	10.152%	8.162%	6.536%	5.220%	4.160%
\$435,000	200	8.440%	6.534%	5.034%	3.866%	2.974%
\$435,000	300	6.479%	4.743%	3.456%	2.520%	1.856%
\$435,000	400	5.369%	3.770%	2.640%	1.864%	1.347%
\$435,000	500	4.451%	2.990%	2.016%	1.393%	1.008%
\$435,000	600	3.902%	2.540%	1.668%	1.138%	0.834%
\$435,000	700	3.569%	2.257%	1.453%	0.989%	0.739%
\$435,000	800	3.136%	1.928%	1.223%	0.842%	0.652%
\$435,000	900	2.844%	1.721%	1.090%	0.762%	0.608%
\$435,000	1,000	2.664%	1.585%	1.001%	0.713%	0.584%
\$435,000	1,500	1.905%	1.072%	0.702%	0.562%	0.517%

ISL limit	Members	110%	115%	120%	125%	130%
\$435,000	2,000	1.500%	0.845%	0.599%	0.524%	0.505%
\$435,000	3,000	1.075%	0.645%	0.528%	0.505%	0.501%
\$435,000	4,000	0.834%	0.562%	0.510%	0.503%	0.501%
\$435,000	5,000	0.711%	0.530%	0.505%	0.502%	0.501%
\$435,000	10,000	0.527%	0.505%	0.503%	0.502%	0.501%
\$435,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$440,000	25	28.235%	26.137%	24.216%	22.452%	20.829%
\$440,000	50	19.712%	17.599%	15.713%	14.035%	12.537%
\$440,000	100	13.417%	11.328%	9.546%	8.024%	6.734%
\$440,000	150	10.180%	8.189%	6.563%	5.245%	4.183%
\$440,000	200	8.464%	6.557%	5.055%	3.886%	2.99 1%
\$440,000	300	6.498%	4.761%	3.472%	2.534%	1.867%
\$440,000	400	5.385%	3.785%	2.653%	1.874%	1.354%
\$440,000	500	4.465%	3.002%	2.025%	1.400%	1.013%
\$440,000	600	3.915%	2.551%	1.676%	1.144%	0.838%
\$440,000	700	3.580%	2.266%	1.459%	0.994%	0.741%
\$440,000	800	3.146%	1.936%	1.229%	0.846%	0.654%
\$440,000	900	2.853%	1.728%	1.094%	0.765%	0.610%
\$440,000	1,000	2.672%	1.592%	1.005%	0.715%	0.585%
\$440,000	1,500	1 .9 11%	1.075%	0.705%	0.563%	0.517%
\$440,000	2,000	1.505%	0.847%	0.601%	0.525%	0.505%
\$440,000	3,000	1.079%	0.646%	0.529%	0.505%	0.501%
\$440,000	4,000	0.837%	0.563%	0.510%	0.503%	0.501%
\$440,000	5,000	0.713%	0.531%	0.505%	0.502%	0.501%
\$440,000	10,000	0.527%	0.505%	0.503%	0.502%	0.501%
\$440,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$445,000	25	28.261%	26.164%	24.245%	22.482%	20.861%
\$445,000	50	19.740%	17.630%	15.746%	14.070%	12.574%
\$445,000	100	13.447%	11.360%	9.579%	8.056%	6.766%
\$445,000	150	10.208%	8.217%	6.590%	5.270%	4.206%
\$445,000	200	8.488%	6.580%	5.077%	3.905%	3.008%
\$445,000	300	6.518%	4.779 %	3.488%	2.547%	1.878%
\$445,000	400	5.401%	3.799%	2.665%	1.884%	1.362%
\$445,000	500	4.478%	3.013%	2.034%	1.407%	1.018%
\$445,000	600	3.927%	2.561%	1.684%	1.150%	0.842%
\$445,000	700	3.591%	2.275%	1.466%	0.998%	0.744%
\$445,000	800	3.156%	1.944%	1.234%	0.850%	0.656%
\$445,000	900	2.863%	1.735%	1.099%	0.768%	0.611%

ISL limit	Members	110%	115%	120%	125%	130%
\$445,000	1,000	2.681%	1.598%	1.009%	0.717%	0.586%
\$445,000	1,500	1.918%	1.080%	0.707%	0.564%	0.518%
\$445,000	2,000	1.510%	0.850%	0.602%	0.525%	0.505%
\$445,000	3,000	1.082%	0.647%	0.529%	0.505%	0.501%
\$445,000	4,000	0.839%	0.563%	0.510%	0.503%	0.501%
\$445,000	5,000	0.714%	0.531%	0.505%	0.502%	0.501%
\$445,000	10,000	0.528%	0.505%	0.503%	0.502%	0.501%
\$445,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$450,000	25	28.286%	26.192%	24.274%	22.512%	20.892%
\$450,000	50	19.769%	17.660%	15.779%	14.105%	12.610%
\$450,000	100	13.478%	11.391%	9.611%	8.089%	6.798%
\$450,000	150	10.236%	8.245%	6.617%	5 .296 %	4.230%
\$450,000	200	8.512%	6.604%	5.099%	3 .925 %	3.026%
\$450,000	300	6.537%	4.797%	3.504%	2.561%	1.889%
\$450,000	400	5.417%	3.814%	2.677%	1.894%	1.370%
\$450,000	500	4.492%	3.025%	2.044%	1.414%	1.023%
\$450,000	600	3.940%	2.572%	1.693%	1.156%	0.846%
\$450,000	700	3.602%	2.284%	1.473%	1.003%	0.747%
\$450,000	800	3.166%	1.952%	1.240%	0.853%	0.658%
\$450,000	900	2.872%	1.742%	1.104%	0.771%	0.613%
\$450,000	1,000	2.689%	1.604%	1.013%	0.720%	0.587%
\$450,000	1,500	1.924%	1.084%	0.709%	0.565%	0.518%
\$450,000	2,000	1.515%	0.853%	0.603%	0.525%	0.506%
\$450,000	3,000	1.086%	0.649%	0.530%	0.505%	0.501%
\$450,000	4,000	0.841%	0.564%	0.510%	0.503%	0.501%
\$450,000	5,000	0.716%	0.532%	0.505%	0.502%	0.501%
\$450,000	10,000	0.528%	0.505%	0.503%	0.502%	0.501%
\$450,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$455,000	25	28.310%	26.217%	24.301%	22.541%	20.922%
\$455,000	50	19.796%	17.690%	15.810%	14.138%	12.645%
\$455,000	100	13.507%	11.422%	9.643%	8.121%	6.830%
\$455,000	150	10.264%	8.272%	6.643%	5.321%	4.253%
\$455,000	200	8.536%	6.627%	5.120%	3.945%	3.043%
\$455,000	300	6.556%	4.815%	3.521%	2.575%	1.900%
\$455,000	400	5.433%	3.828%	2.690%	1.904%	1.377%
\$455,000	500	4.505%	3.036%	2.053%	1.422%	1.029%
\$455,000	600	3.952%	2.582%	1.701%	1.161%	0.850%
\$455,000	700	3.612%	2.293%	1.479%	1.007%	0.750%

Q3 2019 LARGE GROUP RATING PROGRAM FILING E AGGREGATE STOP LOSS RATE FACTORS*

ISL limit	Members	110%	115%	120%	125%	130%
\$455,000	800	3.176%	1.959%	1.246%	0.857%	0.660%
\$455,000	900	2.881%	1.749%	1.109%	0.774%	0.615%
\$455,000	1,000	2.698%	1.610%	1.017%	0.722%	0.588%
\$455,000	1,500	1.931%	1.088%	0.711%	0.566%	0.518%
\$455,000	2,000	1.520%	0.856%	0.604%	0.526%	0.506%
\$455,000	3,000	1.089%	0.650%	0.530%	0.505%	0.501%
\$455,000	4,000	0.844%	0.565%	0.510%	0.503%	0.501%
\$455,000	5,000	0.718%	0.532%	0.505%	0.502%	0.501%
\$455,000	10,000	0.528%	0.505%	0.503%	0.502%	0.501%
\$455,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$460,000	25	28.334%	26.243%	24.328%	22.569%	20.952%
\$460,000	50	19.823%	17.719%	15.841%	14.171%	12.679%
\$460,000	100	13.536%	11.453%	9.675%	8.154%	6.861%
\$460,000	150	10.291%	8.300%	6.670%	5.346%	4.276%
\$460,000	200	8.560%	6.650%	5.142%	3.964%	3.061%
\$460,000	300	6.576%	4.833%	3.537%	2.589%	1.912%
\$460,000	400	5.449%	3.843%	2.702%	1.914%	1.385%
\$460,000	500	4.518%	3.048%	2.063%	1.429%	1.034%
\$460,000	600	3.964%	2.592%	1.709%	1.167%	0.854%
\$460,000	700	3.623%	2.302%	1.486%	1.012%	0.752%
\$460,000	800	3.186%	1.967%	1.251%	0.861%	0.662%
\$460,000	900	2.890%	1.756%	1.114%	0.777%	0.616%
\$460,000	1,000	2.706%	1.616%	1.021%	0.724%	0.590%
\$460,000	1,500	1.937%	1.092%	0.713%	0.567%	0.519%
\$460,000	2,000	1.525%	0.859%	0.605%	0.526%	0.506%
\$460,000	3,000	1.093%	0.652%	0.531%	0.506%	0.501%
\$460,000	4,000	0.846%	0.565%	0.510%	0.503%	0.501%
\$460,000	5,000	0.720%	0.532%	0.505%	0.502%	0.501%
\$460,000	10,000	0.529%	0.505%	0.503%	0.502%	0.501%
\$460,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$465,000	25	28.358%	26.268%	24.355%	22.598%	20.982%
\$465,000	50	19.850%	17.748%	15.872%	14.203%	12.714%
\$465,000	100	13.565%	11.484%	9.706%	8.186%	6.893%
\$465,000	150	10.319%	8.328%	6.697 %	5.371%	4.300%
\$465,000	200	8.584%	6.673%	5.164%	3.984%	3.078%
\$465,000	300	6.595%	4.852%	3.553%	2.603%	1.923%
\$465,000	400	5.465%	3.858%	2.715%	1.924%	1.393%
\$465,000	500	4.532%	3.059%	2.072%	1.436%	1.039%

ISL limit	Members	110%	115%	120%	125%	130%
\$465,000	600	3.977%	2.603%	1.717%	1.173%	0.858%
\$465,000	700	3.634%	2.310%	1.492%	1.016%	0.755%
\$465,000	800	3.196%	1.975%	1.257%	0.864%	0.665%
\$465,000	900	2.900%	1.763%	1.118%	0.780%	0.618%
\$465,000	1,000	2.714%	1.622%	1.025%	0.727%	0.591%
\$465,000	1,500	1.943%	1.096%	0.715%	0.568%	0.519%
\$465,000	2,000	1.530%	0.861%	0.607%	0.527%	0.506%
\$465,000	3,000	1.097%	0.653%	0.531%	0.506%	0.501%
\$465,000	4,000	0.849%	0.566%	0.511%	0.503%	0.501%
\$465,000	5,000	0.722%	0.533%	0.505%	0.502%	0.501%
\$465,000	10,000	0.529%	0.505%	0.503%	0.502%	0.501%
\$465,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$470,000	25	28.381%	26.293%	24.381%	22.625%	21.011%
\$470,000	50	19.876%	17.776%	15.903%	14.235%	12.747%
\$470,000	100	13.593%	11.514%	9.737%	8.217%	6.924%
\$470,000	150	10.346%	8.356%	6.724%	5.397%	4.324%
\$470,000	200	8.607%	6.696%	5.185%	4.004%	3.096%
\$470,000	300	6.614%	4.870%	3.570%	2.617%	1.935%
\$470,000	400	5.481%	3.872%	2.727%	1.934%	1.400%
\$470,000	500	4.545%	3.071%	2.081%	1.443%	1.044%
\$470,000	600	3.989%	2.613%	1.725%	1.179%	0.862%
\$470,000	700	3.645%	2.319%	1.499%	1.021%	0.758%
\$470,000	800	3.206%	1.983%	1.263%	0.868%	0.667%
\$470,000	900	2.909%	1.770%	1.123%	0.783%	0.620%
\$470,000	1,000	2.723%	1.628%	1.029%	0.729%	0.592%
\$470,000	1,500	1.950%	1.100%	0.717%	0.569%	0.519%
\$470,000	2,000	1.535%	0.864%	0.608%	0.527%	0.506%
\$470,000	3,000	1.100%	0.655%	0.531%	0.506%	0.501%
\$470,000	4,000	0.851%	0.567%	0.511%	0.503%	0.501%
\$470,000	5,000	0.724%	0.533%	0.505%	0.502%	0.501%
\$470,000	10,000	0.529%	0.505%	0.503%	0.502%	0.501%
\$470,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$475,000	25	28.404%	26.318%	24.407%	22.652%	21.039%
\$475,000	50	19.902%	17.804%	15.932%	14.266%	12.780%
\$475,000	100	13.621%	11.543%	9.767%	8.248%	6.954%
\$475,000	150	10.373%	8.382%	6.750%	5.422%	4.347%
\$475,000	200	8.630%	6.719%	5.207%	4.024%	3.113%
\$475,000	300	6.633%	4.888%	3.586%	2.631%	1.946%

ISL limit	Members	110%	115%	120%	125%	130%
\$475,000	400	5.497%	3.886%	2.739%	1.944%	1.408%
\$475,000	500	4.558%	3.082%	2.091%	1.450%	1.049%
\$475,000	600	4.001%	2.623%	1.733%	1.185%	0.866%
\$475,000	700	3.655%	2.328%	1.505%	1.025%	0.761%
\$475,000	800	3.215%	1.991%	1.268%	0.872%	0.669%
\$475,000	900	2.917%	1.777%	1.128%	0.786%	0.621%
\$475,000	1,000	2.731%	1.634%	1.033%	0.731%	0.593%
\$475,000	1,500	1.956%	1.104%	0.720%	0.570%	0.520%
\$475,000	2,000	1.540%	0.867%	0.609%	0.527%	0.506%
\$475,000	3,000	1.104%	0.656%	0.532%	0.506%	0.501%
\$475,000	4,000	0.854%	0.568%	0.511%	0.503%	0.501%
\$475,000	5,000	0.725%	0.534%	0.505%	0.502%	0.501%
\$475,000	10,000	0.530%	0.505%	0.503%	0.502%	0.501%
\$475,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$480,000	25	28.428%	26.342%	24.433%	22.680%	21.068%
\$480,000	50	19.928%	17.831%	15.962%	14.298%	12.813%
\$480,000	100	13.648%	11.572%	9.797%	8.278%	6.985%
\$480,000	150	10.399%	8.409%	6.776%	5.447%	4.370%
\$480,000	200	8.654%	6.742%	5.228%	4.043%	3.131%
\$480,000	300	6.652%	4.906%	3.602%	2.645%	1.958%
\$480,000	400	5.512%	3.900%	2.751%	1.954%	1.416%
\$480,000	500	4.571%	3.093%	2.100%	1.457%	1.055%
\$480,000	600	4.013%	2.633%	1.741%	1.191%	0.870%
\$480,000	700	3.665%	2.336%	1.512%	1.029%	0.764%
\$480,000	800	3.225%	1.999%	1.274%	0.875%	0.671%
\$480,000	900	2.926%	1.784%	1.133%	0.789%	0.623%
\$480,000	1,000	2.739%	1.641%	1.037%	0.733%	0.594%
\$480,000	1,500	1 .962 %	1.107%	0.722%	0.571%	0.520%
\$480,000	2,000	1.545%	0.870%	0.610%	0.528%	0.506%
\$480,000	3,000	1.107%	0.658%	0.532%	0.506%	0.501%
\$480,000	4,000	0.856%	0.568%	0.511%	0.503%	0.501%
\$480,000	5,000	0.727%	0.534%	0.505%	0.502%	0.501%
\$480,000	10,000	0.530%	0.505%	0.503%	0.502%	0.501%
\$480,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$485,000	25	28.451%	26.367%	24.459%	22.707%	21.096%
\$485,000	50	19.953%	17.859%	15.991%	14.329%	12.846%
\$485,000	100	13.676%	11.601%	9.827%	8.309%	7.015%
\$485,000	150	10.426%	8.436%	6.803%	5.472%	4.394%

ISL limit	Members	110%	115%	120%	125%	130%
\$485,000	200	8.677%	6.765%	5.250%	4.063%	3.149%
\$485,000	300	6.671%	4.924%	3.618%	2.659%	1.969%
\$485,000	400	5.528%	3.914%	2.764%	1.964%	1.424%
\$485,000	500	4.584%	3.105%	2.109%	1.464%	1.060%
\$485,000	600	4.025%	2.644%	1.749%	1.196%	0.874%
\$485,000	700	3.676%	2.345%	1.518%	1.034%	0.766%
\$485,000	800	3.235%	2.006%	1.279%	0.879%	0.673%
\$485,000	900	2.935%	1.791%	1.138%	0.792%	0.625%
\$485,000	1,000	2.748%	1.647%	1.041%	0.736%	0.596%
\$485,000	1,500	1.968%	1.111%	0.724%	0.572%	0.520%
\$485,000	2,000	1.551%	0.873%	0.611%	0.528%	0.506%
\$485,000	3,000	1.111%	0.659%	0.533%	0.506%	0.501%
\$485,000	4,000	0.859%	0.569%	0.511%	0.503%	0.501%
\$485,000	5,000	0.729%	0.535%	0.505%	0.502%	0.501%
\$485,000	10,000	0.530%	0.505%	0.503%	0.502%	0.501%
\$485,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$490,000	25	28.474%	26.391%	24.485%	22.734%	21.124%
\$490,000	50	19.979%	17.886%	16.021%	14.360%	12.879%
\$490,000	100	13.704%	11.631%	9.858%	8.340%	7.047%
\$490,000	150	10.453%	8.464%	6.829%	5.498 %	4.418%
\$490,000	200	8.701%	6.788%	5.272%	4.083%	3.167%
\$490,000	300	6.690%	4.942%	3.635%	2.673%	1 .98 1%
\$490,000	400	5.544%	3.929%	2.776%	1.974%	1.431%
\$490,000	500	4.597%	3.116%	2.119%	1.472%	1.065%
\$490,000	600	4.037%	2.654%	1.757%	1.202%	0.878%
\$490,000	700	3.687%	2.354%	1.525%	1.038%	0.769%
\$490,000	800	3.245%	2.014%	1.285%	0.883%	0.675%
\$490,000	900	2.9 44%	1.798%	1.143%	0.795%	0.626%
\$490,000	1,000	2.756%	1.653%	1.045%	0.738%	0.597%
\$490,000	1,500	1.974%	1.116%	0.726%	0.573%	0.521%
\$490,000	2,000	1.556%	0.875%	0.613%	0.529%	0.507%
\$490,000	3,000	1.114%	0.661%	0.533%	0.506%	0.501%
\$490,000	4,000	0.862%	0.570%	0.511%	0.503%	0.501%
\$490,000	5,000	0.731%	0.535%	0.506%	0.502%	0.501%
\$490,000	10,000	0.531%	0.505%	0.503%	0.502%	0.501%
\$490,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$495,000	25	28.496%	26.415%	24.510%	22.760%	21.152%
\$495,000	50	20.004%	17.913%	16.050%	14.390%	12.911%

ISL limit	Members	110%	115%	120%	125%	130%
\$495,000	100	13.731%	11.660%	9.888%	8.371%	7.077%
\$495,000	150	10.480%	8.491%	6.856%	5.523%	4.442%
\$495,000	200	8.725%	6.811%	5.294%	4.104%	3.185%
\$495,000	300	6.709%	4.960%	3.651%	2.687%	1.993%
\$495,000	400	5.559%	3.943%	2.789%	1.984%	1.439%
\$495,000	500	4.610%	3.128%	2.128%	1.479%	1.070%
\$495,000	600	4.050%	2.664%	1.765%	1.208%	0.882%
\$495,000	700	3.697%	2.363%	1.532%	1.043%	0.772%
\$495,000	800	3.255%	2.022%	1.291%	0.886%	0.678%
\$495,000	900	2.953%	1.805%	1.147%	0.798%	0.628%
\$495,000	1,000	2.765%	1.659%	1.049%	0.741%	0.598%
\$495,000	1,500	1 .98 1%	1.120%	0.728%	0.574%	0.521%
\$495,000	2,000	1.561%	0.878%	0.614%	0.529%	0.507%
\$495,000	3,000	1.118%	0.662%	0.534%	0.506%	0.501%
\$495,000	4,000	0.864%	0.571%	0.511%	0.503%	0.501%
\$495,000	5,000	0.733%	0.535%	0.506%	0.502%	0.501%
\$495,000	10,000	0.531%	0.505%	0.503%	0.502%	0.501%
\$495,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%
\$500,000	25	28.517%	26.438%	24.534%	22.786%	21.178%
\$500,000	50	20.029%	17.940%	16.078%	14.420%	12.942%
\$500,000	100	13.758%	11 .689 %	9.918%	8.401%	7.108%
\$500,000	150	10.506%	8.517%	6.882%	5.548%	4.465%
\$500,000	200	8.748%	6.834%	5.316%	4.124%	3.203%
\$500,000	300	6.728%	4.978%	3.667%	2.701%	2.005%
\$500,000	400	5.575%	3.957%	2.801%	1.994%	1.447%
\$500,000	500	4.623%	3.139%	2.138%	1.486%	1.076%
\$500,000	600	4.062%	2.675%	1.773%	1.214%	0.886%
\$500,000	700	3.708%	2.371%	1.538%	1.048%	0.775%
\$500,000	800	3.264%	2.030%	1.296%	0.890%	0.680%
\$500,000	900	2 .96 3%	1.812%	1.152%	0.801%	0.630%
\$500,000	1,000	2.773%	1.665%	1.053%	0.743%	0.599%
\$500,000	1,500	1 .987 %	1.124%	0.730%	0.575%	0.522%
\$500,000	2,000	1.566%	0.881%	0.615%	0.530%	0.507%
\$500,000	3,000	1.121%	0.664%	0.534%	0.506%	0.501%
\$500,000	4,000	0.867%	0.571%	0.512%	0.503%	0.501%
\$500,000	5,000	0.734%	0.536%	0.506%	0.502%	0.501%
\$500,000	10,000	0.531%	0.505%	0.503%	0.502%	0.501%
\$500,000	20,000	0.405%	0.404%	0.403%	0.402%	0.401%

Pooling Members 5% Margin 10% Margin Limit \$30,000 25 10.553% 8.684% \$30,000 50 7.125% 5.397% 100 \$30,000 4.813% 3.246% \$30,000 150 3.785% 2.345% \$30,000 200 3.192% 1.832% \$30,000 300 2.529% 1.287% \$30,000 400 2.080% 0.942% \$30,000 500 0.726% 1.766% \$30,000 600 1.505% 0.554% 700 \$30,000 1.359% 0.464% \$30,000 800 1.184% 0.366% 900 \$30,000 1.076% 0.307% \$30,000 1,000 0.963% 0.254% \$30,000 1,500 0.618% 0.108% \$30,000 2,000 0.436% 0.053% \$30,000 3,000 0.255% 0.016% \$30,000 4,000 0.157% 0.005% \$30,000 0.002% 5,000 0.107% \$30,000 10,000 0.023% 0.001% \$30,000 20,000 0.003% 0.001% \$35,000 25 11.139% 9.263% 7.521% 5.780% \$35,000 50 \$35,000 100 5.096% 3.506% \$35,000 150 4.009% 2.543% \$35,000 200 3.382% 1.993% 300 \$35,000 2.694% 1.417% 400 2.222% \$35,000 1.048% 500 \$35,000 1.894% 0.816% \$35,000 600 1.621% 0.629% 700 \$35,000 1.469% 0.531% 0.424% 800 \$35,000 1.287% 900 \$35,000 1.174% 0.360% \$35,000 1,000 1.056% 0.300% 1,500 \$35,000 0.690% 0.135% \$35,000 2,000 0.491% 0.068% \$35,000 3,000 0.291% 0.021%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$35,000

4,000

0.182%

0.007%

Pooling Members 5% Margin 10% Margin Limit \$35,000 5.000 0.126% 0.003% \$35,000 10,000 0.029% 0.001% \$35,000 20,000 0.003% 0.001% \$40,000 25 9.784% 11.667% \$40,000 50 7.884% 6.130% \$40,000 100 5.354% 3.743% \$40,000 2.722% 150 4.210% \$40,000 200 2.140% 3.553% \$40,000 300 2.842% 1.536% 400 \$40,000 2.350% 1.145% \$40,000 500 2.008% 0.898% 600 1.725% \$40,000 0.698% \$40,000 700 1.568% 0.594% \$40,000 800 1.379% 0.478% \$40,000 900 1.263% 0.410% \$40,000 1,000 1.140% 0.344% \$40,000 1,500 0.756% 0.161% \$40,000 2,000 0.542% 0.084% \$40,000 3,000 0.326% 0.028% \$40,000 4,000 0.206% 0.010% \$40,000 5,000 0.143% 0.004% \$40,000 10.000 0.034% 0.001% \$40,000 20,000 0.004% 0.001% \$45,000 25 12.157% 10.270% \$45,000 50 8.222% 6.458% 100 \$45,000 5.593% 3.963% 150 2.884% \$45,000 4.392% \$45,000 200 3.709% 2.275% \$45,000 300 2.976% 1.646% 400 \$45,000 2.467% 1.236% 500 0.974% \$45,000 2.113% \$45,000 600 1.820% 0.764% \$45,000 700 1.658% 0.654% 800 \$45,000 1.463% 0.529% \$45,000 900 1.344% 0.456% \$45,000 1,000 1.217% 0.386% \$45,000 1,500 0.818% 0.187%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$45,000 2.000 0.591% 0.100% \$45,000 3,000 0.359% 0.035% \$45,000 4,000 0.230% 0.012% \$45,000 5,000 0.160% 0.005% \$45,000 10,000 0.040% 0.001% \$45,000 20,000 0.004% 0.001% \$50,000 25 12.607% 10.720% \$50,000 50 6.761% 8.536% \$50,000 100 5.813% 4.167% 150 \$50,000 4.560% 3.035% \$50,000 200 3.853% 2.399% 300 \$50,000 3.098% 1.747% \$50,000 400 2.574% 1.320% \$50,000 500 2.209% 1.046% \$50,000 600 1.907% 0.826% \$50,000 700 1.741% 0.710% \$50,000 800 1.538% 0.576% \$50,000 900 1.417% 0.501% \$50,000 1,000 1.287% 0.426% \$50,000 1,500 0.874% 0.211% \$50,000 2,000 0.637% 0.116% 3.000 0.391% \$50,000 0.042% \$50,000 4,000 0.252% 0.015% \$50,000 5,000 0.177% 0.007% \$50,000 10,000 0.045% 0.001% \$50,000 20,000 0.005% 0.001% 25 13.027% \$55,000 11.141% 50 \$55,000 8.831% 7.048% \$55,000 100 4.358% 6.018% 150 \$55,000 4.717% 3.177% 200 2.517% \$55,000 3.988% 300 \$55,000 3.209% 1.840% \$55,000 400 2.673% 1.400% 500 2.297% \$55,000 1.113% \$55,000 600 1.988% 0.884% \$55,000 700 1.818% 0.763% \$55,000 800 1.608% 0.621%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$55,000 900 1.484% 0.542% \$55,000 1,000 1.352% 0.465% \$55,000 1,500 0.926% 0.235% \$55,000 2,000 0.680% 0.131% \$55,000 3,000 0.421% 0.049% \$55,000 4,000 0.274% 0.019% \$55,000 5,000 0.193% 0.008% \$55,000 10,000 0.051% 0.001% \$55,000 20,000 0.006% 0.001% 25 \$60,000 13.416% 11.531% 50 7.318% \$60,000 9.108% 100 \$60,000 6.210% 4.538% \$60,000 150 4.863% 3.310% \$60,000 200 4.116% 2.629%

3.313%

2.765%

2.378%

2.063%

1.890%

1.672%

1.547%

1.412%

0.975%

0.721%

0.450%

0.295%

0.209%

0.056%

0.006%

13.783%

9.366%

6.390%

5.000%

4.236%

3.409%

2.849%

2.454%

1.928%

1.474%

1.176%

0.938%

0.813%

0.663%

0.582%

0.501%

0.259%

0.147%

0.056%

0.010%

0.001%

0.001%

11.899%

7.571%

4.707%

3.435%

2.735%

2.009%

1.543%

1.236%

300

400

500

600

700

800

900

1.000

1,500

2,000

3,000

4,000

5,000

10,000

20,000

25

50

100

150

200

300

400

500

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$60,000

\$60,000

\$60,000

\$60,000

\$60,000

\$60,000

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\$65,000

Pooling Members 5% Margin 10% Margin Limit \$65,000 600 2.133% 0.990% \$65,000 700 1.956% 0.861% 800 1.732% \$65,000 0.704% \$65,000 900 1.605% 0.620% \$65,000 1,000 1.469% 0.536% \$65,000 1,500 1.021% 0.281% \$65,000 2,000 0.760% 0.163% \$65,000 3,000 0.478% 0.064% \$65,000 4,000 0.315% 0.026% \$65,000 5,000 0.224% 0.012% \$65,000 10,000 0.061% 0.001% \$65,000 20,000 0.007% 0.001% \$70,000 25 14.130% 12.245% \$70,000 50 9.609% 7.809% \$70,000 100 6.560% 4.868% \$70,000 150 5.127% 3.552% \$70,000 200 4.349% 2.835% \$70,000 300 3.498% 2.086% 400 \$70,000 2.929% 1.608% \$70,000 500 2.525% 1.292% \$70,000 600 2.199% 1.039% 700 2.019% \$70,000 0.906% \$70,000 800 1.788% 0.742% \$70,000 900 1.659% 0.655% \$70,000 1,000 1.521% 0.569% \$70,000 1,500 1.064% 0.303% 0.796% 0.178% \$70,000 2,000 \$70,000 0.072% 3,000 0.505% \$70,000 4.000 0.334% 0.029% \$70,000 5,000 0.239% 0.014% \$70,000 10,000 0.066% 0.001% \$70,000 20,000 0.008% 0.001% \$75,000 25 14.465% 12.578% 50 \$75,000 9.838% 8.034% \$75,000 100 6.720% 5.022%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$75,000

\$75,000

150

200

5.249%

4.457%

3.665%

2.932%

Pooling Members 5% Margin 10% Margin Limit \$75,000 300 3.582% 2.158% \$75,000 400 3.005% 1.671% 500 \$75,000 2.592% 1.345% \$75,000 600 2.262% 1.087% 700 \$75,000 2.078% 0.949% \$75,000 800 1.842% 0.779% \$75,000 900 1.710% 0.690% \$75,000 1.000 1.570% 0.601% \$75,000 0.324% 1,500 1.105% \$75,000 2,000 0.831% 0.193% 0.079% \$75,000 3,000 0.530% \$75,000 4,000 0.353% 0.033% 5,000 \$75,000 0.253% 0.016% \$75,000 10,000 0.071% 0.001% \$75,000 20,000 0.009% 0.001% \$80,000 25 14.781% 12.893% \$80,000 50 10.054% 8.246% \$80,000 100 6.870% 5.166% 3.771% \$80,000 150 5.364% \$80,000 200 3.024% 4.559% \$80,000 300 3.662% 2.227% 400 3.076% 1.731% \$80,000 \$80,000 500 2.655% 1.396% \$80,000 600 2.321% 1.132% \$80,000 700 2.133% 0.990% 800 \$80,000 1.892% 0.815% 900 1.757% 0.722% \$80,000 \$80,000 1,000 1.617% 0.631% \$80,000 1,500 1.143% 0.345%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$80,000

\$80,000

\$80,000

\$80,000

\$80,000

\$80,000

\$85,000

\$85,000

2,000

3,000

4,000

5,000

10,000

20,000

25

50

0.864%

0.554%

0.372%

0.267%

0.076%

0.010%

15.078%

10.257%

0.207%

0.087%

0.037%

0.018%

0.001%

0.001%

13.191%

8.447%

Pooling Members 5% Margin 10% Margin Limit \$85,000 100 7.013% 5.303% \$85,000 150 5.473% 3.871% 200 \$85,000 4.655% 3.110% \$85,000 300 3.738% 2.293% \$85,000 400 3.144% 1.788% \$85,000 500 2.714% 1.444% \$85,000 600 2.377% 1.175% \$85,000 700 2.186% 1.029% \$85,000 800 1.940% 0.849% 900 \$85,000 1.802% 0.753% \$85,000 1,000 1.661% 0.661% \$85,000 1,500 1.179% 0.364% \$85,000 2,000 0.895% 0.221% \$85,000 3,000 0.578% 0.094% \$85,000 4,000 0.389% 0.041% \$85,000 5,000 0.281% 0.020% \$85,000 10,000 0.080% 0.001% \$85,000 0.001% 20,000 0.011% \$90,000 25 15.360% 13.475% \$90,000 50 10.447% 8.636% \$90,000 100 7.148% 5.432% 150 5.575% \$90,000 3.965% \$90,000 200 4.745% 3.191% \$90,000 300 3.810% 2.356% \$90,000 400 3.207% 1.841% 500 \$90,000 2.769% 1.489% 600 2.428% 1.215% \$90,000 700 2.235% \$90,000 1.066% \$90,000 800 1.984% 0.881% 900 \$90,000 1.844% 0.782% 1.702% 1,000 \$90,000 0.688% \$90,000 1,500 1.213% 0.383% \$90,000 2,000 0.925% 0.235% 0.102% \$90,000 3,000 0.600% \$90,000 4,000 0.406% 0.045%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$90,000

\$90,000

5,000

10,000

0.294%

0.085%

0.022%

0.002%

Pooling Members 5% Margin 10% Margin Limit \$90,000 20,000 0.012% 0.001% \$95,000 25 15.626% 13.743% \$95,000 50 10.626% 8.814% \$95,000 100 7.275% 5.553% \$95,000 150 5.670% 4.055% \$95,000 200 4.829% 3.268% \$95,000 300 3.878% 2.416% \$95,000 400 3.265% 1.891% \$95,000 500 2.820% 1.531% 600 \$95,000 2.476% 1.253% \$95,000 700 2.282% 1.101% 800 \$95,000 2.026% 0.911% \$95,000 900 1.883% 0.810% \$95,000 1,000 1.740% 0.714% \$95,000 1,500 1.245% 0.401% \$95,000 2,000 0.953% 0.248% \$95,000 3,000 0.621% 0.109% 0.422% \$95,000 4,000 0.049% \$95,000 5,000 0.306% 0.025% \$95,000 10,000 0.089% 0.002% \$95,000 20,000 0.013% 0.001% 25 13.998% \$100,000 15.879% \$100,000 50 10.799% 8.986% \$100,000 100 7.394% 5.669% \$100,000 150 5.762% 4.141% 200 \$100,000 4.909% 3.343% 300 2.473% \$100,000 3.942% 400 3.322% \$100,000 1.940% \$100,000 500 2.869% 1.572% 600 \$100,000 2.522% 1.289% 700 \$100,000 2.326% 1.135% 800 \$100,000 2.066% 0.940% \$100,000 900 1.920% 0.837% 1,000 \$100,000 1.777% 0.739% \$100,000 1,500 1.276% 0.419% \$100,000 2,000 0.979% 0.261% \$100,000 3,000 0.642% 0.116%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$100,000 4.000 0.437% 0.053% \$100,000 5,000 0.318% 0.027% \$100,000 10,000 0.093% 0.002% 20,000 \$100,000 0.014% 0.001% \$105,000 25 16.124% 14.248% \$105,000 50 10.968% 9.154% \$105,000 100 7.511% 5.782% 150 4.225% \$105,000 5.851% \$105,000 200 4.988% 3.415% 300 2.528% \$105,000 4.005% \$105,000 400 3.378% 1.988% 500 \$105,000 2.917% 1.611% \$105,000 600 2.567% 1.324% \$105,000 700 2.370% 1.168% \$105,000 800 2.105% 0.969% \$105,000 900 1.956% 0.863% \$105,000 1,000 1.813% 0.764% \$105,000 1,500 1.306% 0.436% 0.274% \$105,000 2,000 1.005% \$105,000 3,000 0.662% 0.123% \$105,000 4,000 0.452% 0.057% 0.029% \$105,000 5.000 0.330% \$105,000 10,000 0.098% 0.002% \$105,000 20,000 0.015% 0.001% \$110,000 25 16.358% 14.485% 9.314% \$110,000 50 11.128% 7.622% \$110,000 100 5.890% 150 \$110,000 5.937% 4.307% \$110,000 200 5.062% 3.483% 300 \$110,000 4.064% 2.581% 400 \$110,000 3.430% 2.033% \$110,000 500 2.962% 1.649% \$110,000 600 2.609% 1.358% 700 \$110,000 2.411% 1.200% \$110,000 800 2.142% 0.997% \$110,000 900 1.991% 0.887% \$110,000 1,000 1.847% 0.788%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$110,000 1.500 1.334% 0.453% \$110,000 2,000 1.030% 0.286% \$110,000 3,000 0.681% 0.130% \$110,000 4,000 0.467% 0.061% \$110,000 5,000 0.341% 0.031% \$110,000 10,000 0.102% 0.002% \$110,000 20,000 0.016% 0.001% 25 \$115,000 16.579% 14.712% \$115,000 50 11.283% 9.469% 100 \$115,000 7.727% 5.992% \$115,000 150 6.020% 4.385% 200 \$115,000 5.132% 3.548% \$115,000 300 4.121% 2.632% \$115,000 400 3.480% 2.076% \$115,000 500 3.006% 1.685% \$115,000 600 2.649% 1.390% \$115,000 700 2.450% 1.231% 800 \$115,000 2.178% 1.024% 900 \$115,000 2.023% 0.911% \$115,000 1,000 1.879% 0.811% \$115,000 1,500 1.361% 0.469% 0.298% \$115,000 2.000 1.053% \$115,000 3,000 0.699% 0.137% \$115,000 4,000 0.481% 0.065% \$115,000 5,000 0.352% 0.034% 10,000 0.002% \$115,000 0.106% \$115,000 20,000 0.017% 0.001% 25 \$120,000 16.793% 14.931% \$120,000 50 11.433% 9.617% 100 \$120,000 7.828% 6.090% 150 \$120,000 6.100% 4.461% \$120,000 200 5.200% 3.611% \$120,000 300 4.177% 2.681% 400 \$120,000 3.529% 2.118% \$120,000 500 3.047% 1.720% \$120,000 600 2.689% 1.422% \$120,000 700 2.488% 1.260%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$120,000 800 2.212% 1.049% 900 \$120,000 2.054% 0.934% \$120,000 1,000 1.910% 0.833% \$120,000 1,500 1.387% 0.484% \$120,000 2,000 1.076% 0.310% 3,000 \$120,000 0.717% 0.144% \$120,000 4,000 0.495% 0.069% 5,000 \$120,000 0.363% 0.036% \$120,000 10,000 0.110% 0.002% \$120,000 20,000 0.017% 0.001% \$125,000 25 16.995% 15.140% 50 9.758% \$125,000 11.573% \$125,000 100 7.925% 6.185% \$125,000 150 6.176% 4.533% \$125,000 200 5.264% 3.671% \$125,000 300 4.229% 2.728% \$125,000 400 3.574% 2.159% 500 \$125,000 3.086% 1.753% \$125,000 600 2.726% 1.452% \$125,000 700 2.524% 1.289% \$125,000 800 2.245% 1.074% 900 \$125,000 2.084% 0.956% \$125,000 1,000 1.940% 0.855% \$125,000 1,500 1.412% 0.499% \$125,000 2,000 1.097% 0.321% \$125,000 3,000 0.734% 0.151% 0.072% \$125,000 4,000 0.508% 0.038% \$125,000 5,000 0.373% \$125,000 10,000 0.113% 0.003% \$125,000 20,000 0.018% 0.001% 25 \$130,000 17.185% 15.336% \$130,000 50 11.706% 9.891% \$130,000 100 8.017% 6.275% 150 \$130,000 6.247% 4.601% \$130,000 200 5.325% 3.728% \$130,000 300 4.278% 2.772%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$130,000

400

3.618%

2.197%

Pooling Members 5% Margin 10% Margin Limit \$130,000 500 3.123% 1.784% \$130,000 600 2.761% 1.481% 700 \$130,000 2.557% 1.315% 800 2.276% \$130,000 1.098% \$130,000 900 2.112% 0.977% \$130,000 1,000 1.968% 0.875% \$130,000 1,500 1.435% 0.514% 2,000 0.331% \$130,000 1.117% \$130,000 3,000 0.750% 0.157% \$130,000 4,000 0.520% 0.076% \$130,000 5,000 0.383% 0.041% \$130,000 10,000 0.117% 0.003% \$130,000 20,000 0.019% 0.001% \$135,000 25 17.366% 15.524% \$135,000 50 11.835% 10.021% \$135,000 100 8.109% 6.365% \$135,000 150 6.317% 4.668% 200 \$135,000 5.386% 3.784% \$135,000 300 4.326% 2.815% \$135,000 400 2.234% 3.660% \$135,000 500 3.159% 1.814% 600 2.795% \$135,000 1.509% \$135,000 700 2.590% 1.341% \$135,000 800 2.306% 1.121% \$135,000 900 2.139% 0.998% \$135,000 1,000 1.996% 0.895% \$135,000 1,500 1.458% 0.528% \$135,000 2,000 1.136% 0.342% \$135,000 3,000 0.766% 0.164% \$135,000 4,000 0.533% 0.080% \$135,000 5,000 0.393% 0.043% 10,000 \$135,000 0.121% 0.003% \$135,000 20,000 0.020% 0.001% 25 15.709% \$140,000 17.543% \$140,000 50 11.962% 10.149% \$140,000 100 8.199% 6.453%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$140,000

150

6.386%

4.734%

Pooling Members 5% Margin 10% Margin Limit \$140,000 200 5.444% 3.839% \$140,000 300 4.372% 2.856% 3.702% 2.270% \$140,000 400 500 \$140,000 3.194% 1.844% \$140,000 600 2.829% 1.536% \$140,000 700 2.621% 1.366% \$140,000 800 2.335% 1.144% 900 \$140,000 2.165% 1.018% 0.915% \$140,000 1,000 2.023% \$140,000 1,500 1.480% 0.541% \$140,000 2,000 1.155% 0.352% \$140,000 3,000 0.781% 0.170% \$140,000 4,000 0.545% 0.084% \$140,000 5,000 0.403% 0.045% \$140,000 10,000 0.124% 0.003% \$140,000 20,000 0.021% 0.001% \$145,000 25 17.706% 15.880% 50 10.270% \$145,000 12.083% \$145,000 100 8.284% 6.537% \$145,000 150 4.796% 6.451% \$145,000 200 5.500% 3.891% 300 2.896% \$145,000 4.415% \$145,000 400 3.740% 2.304% \$145,000 500 3.227% 1.873% \$145,000 600 2.860% 1.562% 700 2.651% 1.390% \$145,000 800 \$145,000 2.363% 1.165% 900 1.037% \$145,000 2.190% \$145,000 1,000 2.048% 0.933% 1,500 1.501% 0.555% \$145,000 0.362% \$145,000 2,000 1.174% 3,000 0.796% 0.176% \$145,000 \$145,000 4,000 0.556% 0.087% \$145,000 5,000 0.412% 0.047% \$145,000 10,000 0.128% 0.003% \$145,000 20,000 0.022% 0.001%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$150,000

25

17.855%

16.037%

Pooling Members 5% Margin 10% Margin Limit \$150,000 50 12.196% 10.384% \$150,000 100 8.364% 6.615% \$150,000 150 6.512% 4.855% 200 \$150,000 5.552% 3.940% \$150,000 300 4.456% 2.933% \$150,000 400 3.777% 2.337% \$150,000 500 3.258% 1.899% 600 \$150,000 2.890% 1.587% \$150,000 700 2.680% 1.413% 800 \$150,000 2.389% 1.186% \$150,000 900 2.213% 1.054% \$150,000 1,000 2.072% 0.950% \$150,000 1,500 1.520% 0.567% \$150,000 2,000 1.191% 0.372% \$150,000 3,000 0.810% 0.182% \$150,000 4,000 0.567% 0.091% \$150,000 5,000 0.420% 0.050% \$150,000 10,000 0.131% 0.003% \$150,000 20,000 0.023% 0.001% \$155,000 25 16.188% 17.998% \$155,000 50 12.304% 10.493% 100 \$155,000 8.440% 6.691% \$155,000 150 6.571% 4.911% \$155,000 200 5.602% 3.987% \$155,000 300 4.496% 2.969% 400 3.812% 2.368% \$155,000 500 1.925% \$155,000 3.288% 600 \$155,000 2.918% 1.610% \$155,000 700 2.707% 1.436% 800 2.414% 1.205% \$155,000 900 1.072% \$155,000 2.236% 1,000 0.967% \$155,000 2.094% \$155,000 1,500 1.539% 0.579% \$155,000 2,000 1.207% 0.381%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$155,000

\$155,000

\$155,000

3,000

4,000

5,000

0.823%

0.577%

0.429%

0.188%

0.094%

0.052%

Pooling Members 5% Margin 10% Margin Limit \$155,000 10.000 0.135% 0.004% \$155,000 20,000 0.024% 0.001% \$160,000 25 18.137% 16.335% 50 \$160,000 12.410% 10.600% \$160,000 100 8.515% 6.765% \$160,000 150 6.629% 4.967% \$160,000 200 5.651% 4.033% 300 \$160,000 4.535% 3.004% \$160,000 400 3.847% 2.399% 500 \$160,000 3.318% 1.950% \$160,000 600 2.945% 1.634% 700 \$160,000 2.734% 1.458% \$160,000 800 2.439% 1.225% \$160,000 900 2.257% 1.088% \$160,000 1,000 2.116% 0.983% \$160,000 1,500 1.558% 0.591% \$160,000 2,000 1.223% 0.390% \$160,000 3,000 0.836% 0.193% \$160,000 4,000 0.587% 0.097% \$160,000 5,000 0.054% 0.437% \$160,000 10,000 0.138% 0.004% \$160,000 20.000 0.024% 0.001% \$165,000 25 18.271% 16.477% \$165,000 50 12.515% 10.705% \$165,000 100 8.589% 6.838% 150 \$165,000 6.687% 5.021% 200 \$165,000 5.699% 4.078% 300 \$165,000 4.573% 3.039% \$165,000 400 2.429% 3.881% 500 \$165,000 3.347% 1.975% 2.972% \$165,000 600 1.656% 700 \$165,000 2.761% 1.479% \$165,000 800 2.463% 1.244% 900 2.279% \$165,000 1.105% \$165,000 1,000 2.138% 1.000% \$165,000 1,500 1.576% 0.603% \$165,000 2,000 1.239% 0.399%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$165,000 3.000 0.849% 0.199% \$165,000 4,000 0.597% 0.101% \$165,000 5,000 0.445% 0.056% \$165,000 10,000 0.141% 0.004% \$165,000 20,000 0.025% 0.001% \$170,000 25 18.398% 16.613% \$170,000 50 12.617% 10.809% \$170,000 100 8.662% 6.910% \$170,000 150 6.743% 5.075% 200 \$170,000 5.746% 4.122% \$170,000 300 4.610% 3.073% 400 \$170,000 3.915% 2.460% \$170,000 500 3.375% 1.999% \$170,000 600 2.999% 1.679% \$170,000 700 2.787% 1.500% \$170,000 800 2.487% 1.262% \$170,000 900 2.300% 1.121% \$170,000 1,000 2.159% 1.015% \$170,000 1,500 1.594% 0.614% \$170,000 2,000 1.254% 0.408% \$170,000 3,000 0.861% 0.205% \$170,000 4.000 0.607% 0.104% \$170,000 5,000 0.453% 0.058% \$170,000 10,000 0.144% 0.004% \$170,000 20,000 0.026% 0.001% 25 \$175,000 18.521% 16.744% 12.718% \$175,000 50 10.913% 100 8.732% \$175,000 6.981% \$175,000 150 6.798% 5.129% 200 \$175,000 5.793% 4.166% 300 \$175,000 4.646% 3.107% 400 \$175,000 3.948% 2.489% \$175,000 500 3.402% 2.023% 600 1.701% \$175,000 3.025% \$175,000 700 2.813% 1.521% \$175,000 800 2.510% 1.281% \$175,000 900 2.321% 1.138%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$175,000 1.000 2.180% 1.031% \$175,000 1,500 1.611% 0.626% 1.270% \$175,000 2,000 0.416% 0.210% \$175,000 3,000 0.874% \$175,000 4,000 0.617% 0.108% \$175,000 5,000 0.461% 0.061% \$175,000 10,000 0.147% 0.004% \$175,000 20,000 0.027% 0.001% \$180,000 25 18.637% 16.869% 50 \$180,000 12.817% 11.013% \$180,000 100 8.802% 7.050% 150 \$180,000 6.853% 5.182% \$180,000 200 5.839% 4.210% \$180,000 300 4.682% 3.140% \$180,000 400 3.981% 2.519% \$180,000 500 3.429% 2.046% \$180,000 600 3.051% 1.723% 700 \$180,000 2.838% 1.542% \$180,000 800 2.533% 1.299% \$180,000 900 2.341% 1.154% \$180,000 1,000 2.200% 1.047% 1.628% \$180,000 1,500 0.637% \$180,000 2,000 1.284% 0.425% \$180,000 3,000 0.886% 0.216% \$180,000 4,000 0.626% 0.111% \$180,000 5,000 0.469% 0.063% \$180,000 10,000 0.150% 0.005% \$180,000 20,000 0.028% 0.001% \$185,000 25 18.748% 16.988% \$185,000 50 12.910% 11.109% 100 \$185,000 8.869% 7.117% 150 \$185,000 5.233% 6.906% \$185,000 200 5.883% 4.252% 300 4.717% 3.172% \$185,000 \$185,000 400 4.012% 2.547% \$185,000 500 3.456% 2.069% \$185,000 600 3.076% 1.744%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$185,000 700 2.862% 1.562% \$185,000 800 2.555% 1.317% 900 \$185,000 2.361% 1.169% 2.220% \$185,000 1,000 1.061% \$185,000 1,500 1.645% 0.648% \$185,000 2,000 1.299% 0.433% 0.221% \$185,000 3,000 0.897% 4,000 0.114% \$185,000 0.636% \$185,000 5,000 0.477% 0.065% \$185,000 10,000 0.154% 0.005% \$185,000 20,000 0.029% 0.001% 25 \$190,000 18.856% 17.103% \$190,000 50 12.999% 11.201% \$190,000 100 8.935% 7.183% \$190,000 150 6.957% 5.282% \$190,000 200 5.926% 4.293% \$190,000 300 4.751% 3.204% 400 \$190,000 4.043% 2.575% 2.091% \$190,000 500 3.481% \$190,000 600 3.100% 1.764% \$190,000 700 2.885% 1.581% 800 2.577% \$190,000 1.335% \$190,000 900 2.380% 1.184% \$190,000 1,000 2.239% 1.076% \$190,000 1,500 1.661% 0.659% \$190,000 2,000 1.313% 0.441% 0.226% \$190,000 3,000 0.909% \$190,000 4,000 0.645% 0.118% \$190,000 5,000 0.484% 0.067% \$190,000 10,000 0.005% 0.157% 20,000 \$190,000 0.029% 0.001% 25 18.958% \$195,000 17.213% \$195,000 50 13.085% 11.290% 100 7.248% \$195,000 9.000%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$195,000

\$195,000

\$195,000

150

200

300

7.007%

5.968%

4.784%

5.330%

4.333%

3.234%

Pooling Members 5% Margin 10% Margin Limit \$195,000 400 4.073% 2.602% \$195,000 500 3.506% 2.113% \$195,000 600 3.123% 1.784% 700 2.908% \$195,000 1.600% \$195,000 800 2.598% 1.352% 900 \$195,000 2.398% 1.199% \$195,000 1,000 2.258% 1.091% 1,500 \$195,000 1.677% 0.669% \$195,000 2,000 1.326% 0.449% \$195,000 3,000 0.920% 0.232% \$195,000 4,000 0.654% 0.121% \$195,000 5,000 0.492% 0.069% \$195,000 10,000 0.160% 0.005% \$195,000 20,000 0.030% 0.001% \$200,000 25 19.055% 17.317% \$200,000 50 13.168% 11.376% \$200,000 100 9.063% 7.311% \$200,000 150 7.055% 5.377% \$200,000 200 6.008% 4.372% \$200,000 300 4.816% 3.264% \$200,000 400 4.102% 2.629% 500 3.531% 2.135% \$200,000 \$200,000 600 3.146% 1.804% \$200,000 700 2.930% 1.619% \$200,000 800 2.619% 1.368% 900 \$200,000 2.416% 1.214% 2.276% \$200,000 1,000 1.104% \$200,000 1,500 1.692% 0.679% \$200,000 2,000 1.339% 0.457% \$200,000 3,000 0.931% 0.237% \$200,000 4,000 0.662% 0.124% \$200,000 5,000 0.499% 0.071% \$200,000 10,000 0.162% 0.006% \$200,000 20,000 0.031% 0.001% \$205,000 25 19.146% 17.414% \$205,000 50 13.244% 11.455%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$205,000

100

9.122%

7.371%

Pooling Members 5% Margin 10% Margin Limit \$205,000 150 7.101% 5.421% \$205,000 200 6.047% 4.409% 300 \$205,000 4.846% 3.292% 400 2.654% \$205,000 4.130% \$205,000 500 3.554% 2.155% \$205,000 600 3.168% 1.822% 700 \$205,000 2.951% 1.636% \$205,000 800 2.638% 1.384% \$205,000 900 2.434% 1.227% \$205,000 1,000 2.293% 1.118% \$205,000 1,500 1.706% 0.689% \$205,000 2,000 1.351% 0.465% \$205,000 3,000 0.941% 0.242% \$205,000 4,000 0.671% 0.127% \$205,000 5,000 0.506% 0.073% \$205,000 10,000 0.165% 0.006% \$205,000 20,000 0.032% 0.001% \$210,000 25 19.231% 17.505% \$210,000 50 13.317% 11.531% \$210,000 100 9.179% 7.428% \$210,000 150 7.145% 5.464% 200 \$210,000 6.083% 4.444% \$210,000 300 4.875% 3.319% \$210,000 400 4.157% 2.678% \$210,000 500 3.576% 2.174% 600 \$210,000 3.189% 1.840% 700 2.971% \$210,000 1.652% 800 \$210,000 2.656% 1.399% \$210,000 900 2.450% 1.241% \$210,000 1,000 2.310% 1.130% 1.720% \$210,000 1,500 0.698% \$210,000 2,000 1.363% 0.472% \$210,000 3,000 0.951% 0.246% 0.679% \$210,000 4,000 0.130% \$210,000 5,000 0.512% 0.075% \$210,000 10,000 0.168% 0.006%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$210,000

20,000

0.032%

0.001%

Pooling Members 5% Margin 10% Margin Limit \$215,000 25 19.313% 17.592% \$215,000 50 13.388% 11.606% \$215,000 100 9.236% 7.484% 150 7.189% 5.507% \$215,000 \$215,000 200 6.120% 4.480% \$215,000 300 4.904% 3.346% \$215,000 400 4.183% 2.702% \$215,000 500 2.193% 3.598% \$215,000 600 3.209% 1.858% 700 \$215,000 2.990% 1.669% \$215,000 800 2.675% 1.413% 900 \$215,000 2.466% 1.254% \$215,000 1,000 2.326% 1.143% \$215,000 1,500 1.733% 0.707% \$215,000 2,000 1.375% 0.479% \$215,000 3,000 0.961% 0.251% \$215,000 4,000 0.686% 0.133% \$215,000 5,000 0.518% 0.077% \$215,000 10,000 0.170% 0.006% \$215,000 20,000 0.033% 0.001% \$220,000 25 19.390% 17.675% \$220,000 50 13.457% 11.678% \$220,000 100 9.291% 7.539% \$220,000 150 7.232% 5.548% \$220,000 200 6.156% 4.514% \$220,000 300 4.932% 3.372% 400 2.725% \$220,000 4.208% 500 \$220,000 3.619% 2.212% \$220,000 600 3.229% 1.875% 700 \$220,000 3.010% 1.685% \$220,000 800 2.692% 1.428% 900 \$220,000 2.482% 1.266% \$220,000 1,000 2.342% 1.155% \$220,000 1,500 1.746% 0.716% \$220,000 2,000 1.386% 0.486% \$220,000 3,000 0.971% 0.256% \$220,000 4,000 0.694% 0.136%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$220,000 5.000 0.525% 0.079% \$220,000 10,000 0.173% 0.007% \$220,000 20,000 0.034% 0.001% \$225,000 25 19.466% 17.756% \$225,000 50 13.525% 11.749% \$225,000 100 9.345% 7.593% 7.274% \$225,000 150 5.589% \$225,000 200 6.191% 4.548% \$225,000 300 4.960% 3.398% 400 \$225,000 4.233% 2.748% \$225,000 500 3.640% 2.230% 600 \$225,000 3.249% 1.892% \$225,000 700 3.029% 1.701% \$225,000 800 2.710% 1.442% \$225,000 900 2.498% 1.279% \$225,000 1,000 2.357% 1.167% \$225,000 1,500 1.759% 0.725% \$225,000 2,000 1.397% 0.492% \$225,000 0.260% 3,000 0.980% \$225,000 4,000 0.139% 0.701% \$225,000 5,000 0.531% 0.081% \$225,000 10.000 0.176% 0.007% \$225,000 20,000 0.034% 0.001% \$230,000 25 19.538% 17.833% \$230,000 50 13.591% 11.818% \$230,000 100 9.398% 7.647% 150 \$230,000 7.315% 5.630% 200 6.225% \$230,000 4.581% \$230,000 300 4.987% 3.424% 400 \$230,000 4.258% 2.771% 2.248% 500 \$230,000 3.660% \$230,000 600 3.268% 1.908% \$230,000 700 3.047% 1.716% \$230,000 800 2.727% 1.456% \$230,000 900 2.513% 1.291% \$230,000 1,000 2.372% 1.179% \$230,000 1,500 1.771% 0.734%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$230,000 2.000 1.408% 0.499% \$230,000 3,000 0.989% 0.265% \$230,000 4,000 0.709% 0.142% 5,000 \$230,000 0.537% 0.083% \$230,000 10,000 0.178% 0.007% \$230,000 20,000 0.035% 0.001% \$235,000 25 19.610% 17.909% \$235,000 50 11.886% 13.656% \$235,000 100 9.451% 7.699% 150 \$235,000 7.357% 5.670% \$235,000 200 6.259% 4.614% 300 \$235,000 5.014% 3.449% \$235,000 400 4.283% 2.793% \$235,000 500 3.680% 2.266% \$235,000 600 3.287% 1.925% \$235,000 700 3.066% 1.732% \$235,000 800 2.743% 1.470% 900 \$235,000 2.528% 1.304% \$235,000 1,000 2.387% 1.191% \$235,000 1,500 1.784% 0.742% \$235,000 2,000 1.418% 0.506% 3.000 0.998% 0.270% \$235,000 \$235,000 4,000 0.716% 0.145% \$235,000 5,000 0.543% 0.085% \$235,000 10,000 0.181% 0.007% \$235,000 20,000 0.036% 0.001% 25 17.981% \$240,000 19.677% 50 \$240,000 13.719% 11.952% \$240,000 100 9.502% 7.751% 150 \$240,000 7.398% 5.710% 200 \$240,000 6.292% 4.646% 300 \$240,000 5.040% 3.473% \$240,000 400 4.307% 2.815% 500 \$240,000 3.700% 2.284% \$240,000 600 3.305% 1.941% \$240,000 700 3.084% 1.747% \$240,000 800 2.760% 1.483%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$240,000 900 2.543% 1.316% \$240,000 1,000 2.402% 1.202% 1.796% \$240,000 1,500 0.751% \$240,000 2,000 1.429% 0.512% \$240,000 3,000 1.007% 0.274% \$240,000 4,000 0.723% 0.147% \$240,000 5,000 0.549% 0.087% \$240,000 10,000 0.183% 0.007% \$240,000 20,000 0.036% 0.001% 25 \$245,000 19.742% 18.051% 50 \$245,000 13.781% 12.017% 100 \$245,000 9.553% 7.802% \$245,000 150 7.438% 5.750% \$245,000 200 6.325% 4.678% \$245,000 300 5.066% 3.498% \$245,000 400 4.331% 2.837% \$245,000 500 3.719% 2.301% 600 \$245,000 3.324% 1.957% 1.762% \$245,000 700 3.101% \$245,000 800 2.776% 1.496% \$245,000 900 2.557% 1.327% 1.214% \$245,000 1.000 2.416% \$245,000 1,500 1.808% 0.759% \$245,000 2,000 1.439% 0.519% \$245,000 3,000 1.016% 0.278% 0.730% \$245,000 4,000 0.150% \$245,000 5,000 0.555% 0.089% \$245,000 10,000 0.186% 0.008% \$245,000 20,000 0.037% 0.001% 25 \$250,000 19.803% 18.116% 50 \$250,000 13.841% 12.080% \$250,000 100 9.602% 7.851% \$250,000 150 7.477% 5.787% 200 4.709% \$250,000 6.356% \$250,000 300 5.092% 3.522%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$250,000

\$250,000

400

500

4.353%

3.737%

2.858%

2.317%

Pooling Members 5% Margin 10% Margin Limit \$250,000 600 3.341% 1.972% \$250,000 700 3.118% 1.776% 800 2.791% \$250,000 1.509% 900 2.571% \$250,000 1.339% \$250,000 1,000 2.430% 1.225% \$250,000 1,500 1.819% 0.767% \$250,000 2,000 1.449% 0.525% \$250,000 3,000 0.283% 1.024% \$250,000 4,000 0.737% 0.153% \$250,000 5,000 0.561% 0.091% \$250,000 10,000 0.188% 0.008% \$250,000 20,000 0.038% 0.001% \$255,000 25 19.860% 18.178% \$255,000 50 13.899% 12.142% \$255,000 100 9.649% 7.899% \$255,000 150 7.515% 5.824% \$255,000 200 6.388% 4.740% 300 \$255,000 5.117% 3.545% \$255,000 400 4.376% 2.878% \$255,000 500 3.756% 2.334% \$255,000 600 3.359% 1.987% 700 1.790% \$255,000 3.135% \$255,000 800 2.806% 1.521% \$255,000 900 2.585% 1.350% \$255,000 1,000 2.443% 1.235% \$255,000 1,500 1.830% 0.775% \$255,000 2,000 1.459% 0.531% \$255,000 3,000 1.032% 0.287% \$255,000 4.000 0.744% 0.156% \$255,000 5,000 0.092% 0.566% \$255,000 10,000 0.190% 0.008% \$255,000 20,000 0.038% 0.001% \$260,000 25 19.915% 18.236% \$260,000 50 12.202% 13.956%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$260,000

\$260,000

\$260,000

100

150

200

9.695%

7.551%

6.418%

7.946%

5.860%

4.770%

Pooling Members 5% Margin 10% Margin Limit \$260,000 300 5.141% 3.569% \$260,000 400 4.397% 2.898% 500 3.773% \$260,000 2.350% 600 \$260,000 3.376% 2.002% \$260,000 700 3.151% 1.804% \$260,000 800 2.820% 1.533% 900 \$260,000 2.598% 1.361% \$260,000 1.000 2.456% 1.246% \$260,000 1,500 1.841% 0.783% \$260,000 2,000 1.468% 0.537% \$260,000 3,000 1.040% 0.291% \$260,000 4,000 0.750% 0.158% 5,000 \$260,000 0.572% 0.094% \$260,000 10,000 0.193% 0.008% \$260,000 20,000 0.039% 0.001% \$265,000 25 19.968% 18.293% \$265,000 50 14.010% 12.260% 100 \$265,000 9.740% 7.991% \$265,000 150 7.587% 5.895% \$265,000 200 6.449% 4.799% \$265,000 300 5.165% 3.592% 400 \$265,000 4.419% 2.918% \$265,000 500 3.791% 2.365% \$265,000 600 3.392% 2.016% \$265,000 700 3.167% 1.817% 800 \$265,000 2.834% 1.545% 900 1.371% \$265,000 2.611% \$265,000 1,000 2.469% 1.256% \$265,000 1,500 1.852% 0.790% \$265,000 2,000 1.477% 0.543% 0.295% \$265,000 3,000 1.048% 4,000 \$265,000 0.756% 0.161% \$265,000 5,000 0.577% 0.096% \$265,000 10,000 0.195% 0.009% \$265,000 20,000 0.040% 0.001%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$270,000

\$270,000

25

50

20.020%

14.063%

18.348%

12.317%

Pooling Members 5% Margin 10% Margin Limit \$270,000 100 9.784% 8.036% \$270,000 150 7.623% 5.930% 200 \$270,000 6.479% 4.829% 300 5.190% \$270,000 3.614% 2.938% \$270,000 400 4.440% \$270,000 500 3.808% 2.381% \$270,000 600 3.409% 2.031% \$270,000 700 1.831% 3.183% \$270,000 800 2.849% 1.557% 900 \$270,000 2.624% 1.382% \$270,000 1,000 2.482% 1.266% \$270,000 1,500 1.862% 0.798% \$270,000 2,000 1.487% 0.549% \$270,000 3,000 1.056% 0.299% 4,000 \$270,000 0.763% 0.163% \$270,000 5,000 0.582% 0.098% \$270,000 10,000 0.197% 0.009% \$270,000 20,000 0.040% 0.001% \$275,000 25 20.069% 18.401% \$275,000 50 12.371% 14.114% \$275,000 100 9.827% 8.080% 150 7.658% 5.965% \$275,000 \$275,000 200 6.509% 4.858% \$275,000 300 5.213% 3.637% \$275,000 400 4.461% 2.957% 500 \$275,000 3.826% 2.396% \$275,000 600 3.425% 2.045% 700 \$275,000 3.199% 1.844% \$275,000 800 2.863% 1.569% 900 \$275,000 2.637% 1.392% \$275,000 1.276% 1,000 2.495% \$275,000 1,500 1.873% 0.805% \$275,000 2,000 1.496% 0.555% \$275,000 3,000 1.064% 0.303% \$275,000 4,000 0.769% 0.166% 5,000 \$275,000 0.587% 0.099% \$275,000 10,000 0.199% 0.009%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$275,000 20,000 0.041% 0.001% \$280,000 25 20.116% 18.451% 50 \$280,000 14.162% 12.422% 100 \$280,000 9.867% 8.120% \$280,000 150 7.690% 5.997% \$280,000 200 6.537% 4.886% \$280,000 300 5.236% 3.659% \$280,000 400 2.975% 4.481% \$280,000 500 3.842% 2.411% 600 \$280,000 3.441% 2.059% \$280,000 700 3.213% 1.857% 800 \$280,000 2.876% 1.580% \$280,000 900 2.649% 1.402% \$280,000 1,000 2.506% 1.285% \$280,000 1,500 1.882% 0.812% \$280,000 2,000 1.504% 0.560% \$280,000 3,000 1.071% 0.307% \$280,000 4,000 0.775% 0.168% \$280,000 5,000 0.592% 0.101% \$280,000 10,000 0.202% 0.009% \$280,000 20,000 0.042% 0.001% 25 \$285,000 20.159% 18.497% \$285,000 50 14.206% 12.470% \$285,000 100 9.904% 8.158% \$285,000 150 7.722% 6.028% \$285,000 200 6.565% 4.913% 300 5.258% \$285,000 3.679% 400 \$285,000 4.499% 2.993% \$285,000 500 3.857% 2.425% 600 \$285,000 3.455% 2.072% 3.227% 700 \$285,000 1.868% \$285,000 800 1.591% 2.889% \$285,000 900 2.660% 1.412% \$285,000 1,000 2.518% 1.294% \$285,000 1,500 1.892% 0.819% \$285,000 2,000 1.512% 0.566% \$285,000 3,000 1.078% 0.311%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$285,000 4.000 0.780% 0.171% \$285,000 5,000 0.597% 0.103% \$285,000 10,000 0.204% 0.010% 20,000 0.001% \$285,000 0.042% \$290,000 25 20.200% 18.542% \$290,000 50 14.249% 12.515% \$290,000 100 9.941% 8.195% \$290,000 150 7.751% 6.057% \$290,000 200 6.592% 4.939% 300 5.279% \$290,000 3.700% \$290,000 400 4.517% 3.009% 500 \$290,000 3.872% 2.438% \$290,000 600 3.470% 2.084% \$290,000 700 3.241% 1.880% \$290,000 800 2.901% 1.601% \$290,000 900 2.671% 1.421% \$290,000 1,000 2.529% 1.303% \$290,000 1,500 1.901% 0.825% 0.571% \$290,000 2,000 1.520% \$290,000 3,000 1.085% 0.314% \$290,000 4,000 0.786% 0.173% 5.000 0.602% \$290,000 0.104% \$290,000 10,000 0.206% 0.010% \$290,000 20,000 0.043% 0.001% \$295,000 25 20.240% 18.584% \$295,000 50 14.290% 12.560% 9.976% 8.232% \$295,000 100 150 7.780% \$295,000 6.086% \$295,000 200 6.618% 4.964% 300 \$295,000 5.300% 3.720% 400 \$295,000 4.535% 3.026% \$295,000 500 3.887% 2.452% \$295,000 600 3.484% 2.097% 700 \$295,000 3.254% 1.891% \$295,000 800 2.913% 1.611% \$295,000 900 2.682% 1.430% \$295,000 1,000 2.540% 1.312%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$295,000 1.500 1.909% 0.832% \$295,000 2,000 1.528% 0.576% \$295,000 3,000 1.091% 0.318% \$295,000 0.791% 4,000 0.175% \$295,000 5,000 0.606% 0.106% \$295,000 10,000 0.208% 0.010% \$295,000 20,000 0.043% 0.001% \$300,000 25 20.278% 18.625% \$300,000 50 14.330% 12.603% 100 \$300,000 10.010% 8.267% \$300,000 150 7.809% 6.115% 200 \$300,000 6.643% 4.990% \$300,000 300 5.321% 3.739% \$300,000 400 4.552% 3.042% \$300,000 500 3.901% 2.465% \$300,000 600 3.497% 2.109% \$300,000 700 3.267% 1.902% \$300,000 800 2.925% 1.621% \$300,000 900 2.693% 1.438% \$300,000 1,000 2.550% 1.321% \$300,000 1,500 1.918% 0.838% 2.000 \$300,000 1.535% 0.581% \$300,000 3,000 1.098% 0.321% \$300,000 4,000 0.796% 0.177% \$300,000 5,000 0.611% 0.107% \$300,000 10,000 0.209% 0.010% \$300,000 20,000 0.044% 0.001% 25 \$305,000 20.316% 18.665% \$305,000 50 14.370% 12.646% 100 \$305,000 10.045% 8.303% 150 \$305,000 7.837% 6.143% 200 \$305,000 6.669% 5.015% \$305,000 300 5.341% 3.759% 400 \$305,000 4.570% 3.058% \$305,000 500 3.916% 2.478% \$305,000 600 3.511% 2.121%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$305,000

700

3.280%

1.913%

Pooling Members 5% Margin 10% Margin Limit \$305,000 800 2.936% 1.631% 900 \$305,000 2.703% 1.447% \$305,000 1,000 2.561% 1.329% 1.927% \$305,000 1,500 0.844% \$305,000 2,000 1.543% 0.586% 3,000 \$305,000 1.104% 0.324% \$305,000 4,000 0.802% 0.180% \$305,000 5,000 0.615% 0.109% \$305,000 10,000 0.211% 0.010% \$305,000 20,000 0.044% 0.001% \$310,000 25 20.352% 18.704% 50 \$310,000 14.408% 12.688% \$310,000 100 10.079% 8.338% \$310,000 150 7.865% 6.171% \$310,000 200 6.695% 5.040% \$310,000 300 5.362% 3.778% 3.074% \$310,000 400 4.587% \$310,000 500 3.930% 2.491% \$310,000 2.133% 600 3.524% \$310,000 700 3.292% 1.924% \$310,000 800 2.948% 1.640% 900 2.714% \$310,000 1.456% \$310,000 1,000 2.571% 1.338% \$310,000 1,500 1.935% 0.850% \$310,000 2,000 1.550% 0.591% \$310,000 3,000 1.110% 0.328% \$310,000 4,000 0.807% 0.182% \$310,000 5,000 0.619% 0.110% \$310,000 10,000 0.213% 0.011% \$310,000 20,000 0.001% 0.045% 25 18.742% \$315,000 20.388% \$315,000 50 12.728% 14.445% \$315,000 100 10.112% 8.372% 150 \$315,000 7.893% 6.198% \$315,000 200 6.720% 5.065%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$315,000

\$315,000

300

400

5.382%

4.604%

3.797%

3.090%

Pooling Members 5% Margin 10% Margin Limit \$315,000 500 3.944% 2.504% \$315,000 600 3.538% 2.145% 700 \$315,000 3.305% 1.935% 800 2.959% \$315,000 1.650% \$315,000 900 2.724% 1.464% \$315,000 1,000 2.582% 1.346% \$315,000 1,500 1.944% 0.857% \$315,000 2,000 1.558% 0.596% \$315,000 3,000 1.117% 0.331% \$315,000 4,000 0.812% 0.184% \$315,000 5,000 0.624% 0.112% \$315,000 10,000 0.215% 0.011% \$315,000 20,000 0.045% 0.001% \$320,000 25 20.422% 18.779% \$320,000 50 14.480% 12.766% \$320,000 100 10.144% 8.406% \$320,000 150 7.920% 6.225% \$320,000 200 6.745% 5.089% \$320,000 300 5.401% 3.816% \$320,000 400 4.620% 3.105% \$320,000 500 3.958% 2.516% 600 2.156% \$320,000 3.550% \$320,000 700 3.317% 1.945% \$320,000 800 2.970% 1.659% \$320,000 900 2.734% 1.472% \$320,000 1,000 2.592% 1.354% \$320,000 1,500 1.952% 0.863% \$320,000 2,000 1.565% 0.600% \$320,000 3,000 1.123% 0.334% \$320,000 4,000 0.817% 0.186% \$320,000 5,000 0.628% 0.113% 10,000 \$320,000 0.217% 0.011% \$320,000 20,000 0.046% 0.001% \$325,000 25 20.454% 18.813% \$325,000 50 14.513% 12.802%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$325,000

\$325,000

100

150

10.173%

7.945%

8.436%

6.251%

Pooling Members 5% Margin 10% Margin Limit \$325,000 200 6.768% 5.112% \$325,000 300 5.419% 3.833% \$325,000 400 3.120% 4.636% 500 3.971% 2.528% \$325,000 \$325,000 600 3.562% 2.167% \$325,000 700 3.328% 1.955% \$325,000 800 2.980% 1.668% 900 2.744% \$325,000 1.480% \$325,000 1,000 2.601% 1.362% \$325,000 1,500 1.960% 0.869% \$325,000 2,000 1.572% 0.605% \$325,000 3,000 1.128% 0.338% \$325,000 4,000 0.822% 0.188% \$325,000 5,000 0.632% 0.115% \$325,000 10,000 0.219% 0.011% \$325,000 20,000 0.046% 0.001% \$330,000 25 20.485% 18.847% 50 \$330,000 14.546% 12.837% \$330,000 100 10.202% 8.466% \$330,000 150 7.970% 6.276% \$330,000 200 6.790% 5.134% 300 \$330,000 5.437% 3.850% \$330,000 400 4.651% 3.134% \$330,000 500 3.983% 2.539% \$330,000 600 3.574% 2.177% \$330,000 700 3.339% 1.964% 800 2.990% \$330,000 1.676% 900 \$330,000 2.753% 1.488% \$330,000 1,000 2.611% 1.369% \$330,000 1,500 1.968% 0.874% \$330,000 2,000 1.578% 0.609% \$330,000 3,000 1.134% 0.341% \$330,000 4,000 0.826% 0.190%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$330,000

\$330,000

\$330,000

\$335,000

5,000

10,000

20,000

25

0.636%

0.221%

0.047%

20.517%

0.116%

0.012%

0.001%

18.880%

Pooling Members 5% Margin 10% Margin Limit \$335,000 50 14.578% 12.873% \$335,000 100 10.230% 8.496% 7.995% \$335,000 150 6.301% 200 \$335,000 6.813% 5.156% \$335,000 300 5.455% 3.868% \$335,000 400 4.666% 3.148% \$335,000 500 3.996% 2.551% 600 3.586% \$335,000 2.187% \$335,000 700 3.350% 1.974% 800 \$335,000 3.000% 1.685% \$335,000 900 2.762% 1.496% \$335,000 1,000 2.620% 1.377% \$335,000 1,500 1.975% 0.880% \$335,000 2,000 1.585% 0.614% \$335,000 3,000 1.139% 0.344% \$335,000 4,000 0.831% 0.192% \$335,000 5,000 0.640% 0.118% \$335,000 10,000 0.222% 0.012% \$335,000 20,000 0.047% 0.001% \$340,000 25 18.914% 20.548% \$340,000 50 14.611% 12.908% 100 10.259% \$340,000 8.526% \$340,000 150 8.020% 6.326% \$340,000 200 6.836% 5.179% \$340,000 300 5.473% 3.885% 400 4.682% \$340,000 3.163% 500 \$340,000 4.009% 2.562% 600 2.198% \$340,000 3.598% \$340,000 700 1.984% 3.361% 800 \$340,000 1.694% 3.011% 2.771% 900 \$340,000 1.503% \$340,000 1,000 2.630% 1.385% \$340,000 1,500 1.983% 0.886% \$340,000 2,000 1.592% 0.618% \$340,000 3,000 1.145% 0.347% 4,000 \$340,000 0.836% 0.195%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$340,000

5,000

0.644%

0.119%

Pooling Members 5% Margin 10% Margin Limit \$340,000 10.000 0.224% 0.012% \$340,000 20,000 0.048% 0.001% \$345,000 25 20.579% 18.947% 50 \$345,000 14.643% 12.943% \$345,000 100 10.288% 8.557% \$345,000 150 8.046% 6.352% \$345,000 200 6.860% 5.202% 300 \$345,000 5.492% 3.903% \$345,000 400 4.697% 3.178% 500 \$345,000 4.022% 2.574% \$345,000 600 3.610% 2.209% 700 \$345,000 3.373% 1.993% \$345,000 800 3.021% 1.702% \$345,000 900 2.781% 1.511% \$345,000 1,000 2.639% 1.393% \$345,000 1,500 1.991% 0.892% \$345,000 2,000 1.598% 0.623% \$345,000 3,000 1.151% 0.350% \$345,000 4,000 0.840% 0.197% \$345,000 5,000 0.121% 0.648% \$345,000 10,000 0.226% 0.012% \$345,000 20.000 0.048% 0.001% 25 20.609% 18.979% \$350,000 \$350,000 50 14.674% 12.976% \$350,000 100 10.316% 8.587% 150 \$350,000 8.071% 6.377% 200 5.224% \$350,000 6.883% 300 \$350,000 5.509% 3.920% \$350,000 400 4.712% 3.192% 500 \$350,000 4.035% 2.586% 2.219% \$350,000 600 3.621% 700 \$350,000 3.384% 2.003% \$350,000 800 3.031% 1.711% 900 2.790% \$350,000 1.519% \$350,000 1,000 2.649% 1.400% \$350,000 1,500 1.999% 0.897% \$350,000 2,000 1.605% 0.627%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$350,000 3.000 1.156% 0.353% \$350,000 4,000 0.845% 0.199% 5,000 \$350,000 0.652% 0.122% \$350,000 10,000 0.228% 0.012% \$350,000 20,000 0.049% 0.001% \$355,000 25 20.639% 19.011% \$355,000 50 14.704% 13.009% 100 \$355,000 10.344% 8.616% \$355,000 150 8.095% 6.402% 200 \$355,000 6.905% 5.246% \$355,000 300 5.527% 3.938% 400 \$355,000 4.727% 3.206% \$355,000 500 4.048% 2.597% \$355,000 600 3.633% 2.230% \$355,000 700 3.394% 2.012% \$355,000 800 3.041% 1.720% \$355,000 900 2.800% 1.527% \$355,000 1,000 2.658% 1.408% \$355,000 1,500 2.007% 0.903% \$355,000 2,000 1.612% 0.632% \$355,000 3,000 1.162% 0.356% 0.201% \$355,000 4.000 0.850% \$355,000 5,000 0.655% 0.123% \$355,000 10,000 0.230% 0.013% \$355,000 20,000 0.049% 0.001% 25 \$360,000 20.668% 19.041% 14.733% \$360,000 50 13.041% 100 \$360,000 10.371% 8.645% \$360,000 150 8.119% 6.426% 200 \$360,000 6.927% 5.268% 300 \$360,000 5.545% 3.955% 400 \$360,000 4.742% 3.220% \$360,000 500 4.060% 2.609% 600 2.240% \$360,000 3.644% \$360,000 700 3.405% 2.022% \$360,000 800 3.051% 1.728% \$360,000 900 2.809% 1.535%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$360,000 1.000 2.667% 1.415% \$360,000 1,500 2.014% 0.909% \$360,000 2,000 1.618% 0.636% \$360,000 3,000 1.167% 0.359% \$360,000 4,000 0.854% 0.203% \$360,000 5,000 0.659% 0.125% \$360,000 10,000 0.231% 0.013% 20,000 0.001% \$360,000 0.050% \$365,000 25 20.695% 19.070% 50 \$365,000 14.761% 13.071% \$365,000 100 10.397% 8.672% 150 \$365,000 8.142% 6.450% \$365,000 200 6.949% 5.289% \$365,000 300 5.562% 3.971% \$365,000 400 4.756% 3.233% \$365,000 500 4.073% 2.620% \$365,000 600 3.655% 2.250% 700 \$365,000 3.416% 2.031% 1.736% \$365,000 800 3.061% \$365,000 900 2.818% 1.542% \$365,000 1,000 2.676% 1.422% 2.021% \$365,000 1,500 0.914% \$365,000 2,000 1.624% 0.640% \$365,000 3,000 1.172% 0.362% \$365,000 4,000 0.858% 0.205% \$365,000 5,000 0.663% 0.126% \$365,000 10,000 0.233% 0.013% \$365,000 20,000 0.050% 0.001% \$370,000 25 20.722% 19.099% \$370,000 50 14.788% 13.100% \$370,000 100 10.423% 8.699% 150 \$370,000 8.166% 6.473% \$370,000 200 6.970% 5.310% 300 \$370,000 5.578% 3.987% \$370,000 400 4.770% 3.247% \$370,000 500 4.085% 2.631% \$370,000 600 3.666% 2.260%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$370,000 700 3.426% 2.040% \$370,000 800 3.071% 1.745% 900 \$370,000 2.827% 1.550% 1,000 \$370,000 2.684% 1.429% \$370,000 1,500 2.029% 0.920% \$370,000 2,000 1.630% 0.645% \$370,000 3,000 1.177% 0.365% \$370,000 4,000 0.207% 0.863% \$370,000 5,000 0.667% 0.128% \$370,000 10,000 0.235% 0.013% \$370,000 20,000 0.051% 0.001% 25 \$375,000 20.748% 19.127% \$375,000 50 14.814% 13.129% \$375,000 100 10.448% 8.726% \$375,000 150 8.189% 6.496% \$375,000 200 6.991% 5.331% \$375,000 300 5.595% 4.004% 400 \$375,000 4.784% 3.260% \$375,000 500 4.097% 2.642% \$375,000 600 3.677% 2.270% \$375,000 700 3.436% 2.049% 800 1.753% \$375,000 3.080% \$375,000 900 2.836% 1.557% \$375,000 1,000 2.693% 1.437% \$375,000 1,500 2.036% 0.925% \$375,000 2,000 1.637% 0.649% \$375,000 3,000 1.183% 0.368% \$375,000 0.209% 4,000 0.867% \$375,000 5,000 0.670% 0.129% \$375,000 10,000 0.236% 0.014% \$375,000 20,000 0.051% 0.001% 25 \$380,000 20.774% 19.155% \$380,000 50 14.841% 13.158% 100 8.753% \$380,000 10.474% \$380,000 150 8.212% 6.520% \$380,000 200 7.012% 5.351% \$380,000 300 5.612% 4.020%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$380,000 400 4.798% 3.274% \$380,000 500 4.109% 2.653% \$380,000 600 3.688% 2.280% 700 \$380,000 3.447% 2.058% \$380,000 800 3.090% 1.761% 900 \$380,000 2.845% 1.565% \$380,000 1,000 2.701% 1.444% 1,500 \$380,000 2.043% 0.930% \$380,000 2,000 1.643% 0.653% \$380,000 3,000 1.188% 0.371% \$380,000 4,000 0.872% 0.211% \$380,000 5,000 0.674% 0.130% \$380,000 10,000 0.238% 0.014% \$380,000 20,000 0.052% 0.001% \$385,000 25 20.800% 19.182% \$385,000 50 14.867% 13.187% \$385,000 100 10.500% 8.780% \$385,000 150 8.235% 6.544% \$385,000 200 7.033% 5.373% \$385,000 300 5.629% 4.037% \$385,000 400 4.813% 3.287% 500 4.122% \$385,000 2.664% \$385,000 600 3.699% 2.290% \$385,000 700 3.457% 2.067% \$385,000 800 3.100% 1.770% \$385,000 900 2.854% 1.573% 2.710% \$385,000 1,000 1.451% \$385,000 1,500 2.050% 0.936% \$385,000 2,000 0.658% 1.649% \$385,000 3,000 1.193% 0.374% 0.213% \$385,000 4,000 0.876% \$385,000 5,000 0.678% 0.132%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$385,000

\$385,000

\$390,000

\$390,000

\$390,000

10,000

20,000

25

50

100

0.240%

0.052%

20.824%

14.893%

10.525%

0.014%

0.001%

19.209%

13.215%

8.807%

Pooling Members 5% Margin 10% Margin Limit \$390,000 150 8.258% 6.567% \$390,000 200 7.054% 5.393% 300 \$390,000 5.646% 4.053% 400 4.827% \$390,000 3.301% \$390,000 500 4.134% 2.676% \$390,000 600 3.710% 2.300% 700 \$390,000 3.468% 2.076% \$390,000 800 1.778% 3.109% \$390,000 900 2.863% 1.580% \$390,000 1,000 2.719% 1.458% \$390,000 1,500 2.057% 0.941% \$390,000 2,000 1.656% 0.662% \$390,000 3,000 1.198% 0.376% \$390,000 4,000 0.880% 0.215% \$390,000 5,000 0.682% 0.133% \$390,000 10,000 0.242% 0.014% \$390,000 20,000 0.053% 0.001% 19.234% \$395,000 25 20.848% \$395,000 50 14.918% 13.242% \$395,000 100 8.833% 10.550% \$395,000 150 8.280% 6.590% 200 7.075% \$395,000 5.414% \$395,000 300 5.663% 4.069% \$395,000 400 4.841% 3.314% \$395,000 500 4.146% 2.687% \$395,000 600 3.721% 2.310% 700 \$395,000 3.478% 2.085% 800 1.786% \$395,000 3.119% \$395,000 900 2.872% 1.588% 2.727% \$395,000 1,000 1.465% \$395,000 1,500 2.064% 0.946% 2,000 \$395,000 1.662% 0.666% \$395,000 3,000 1.203% 0.379% \$395,000 4,000 0.885% 0.217% \$395,000 5,000 0.685% 0.135% \$395,000 10,000 0.243% 0.015% \$395,000 20,000 0.053% 0.001%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$400,000 25 20.869% 19.257% \$400,000 50 14.942% 13.268% 100 \$400,000 8.858% 10.573% 150 8.302% \$400,000 6.612% \$400,000 200 7.094% 5.433% \$400,000 300 5.678% 4.085% \$400,000 400 4.854% 3.326% \$400,000 500 4.157% 2.697% \$400,000 600 3.731% 2.319% 700 \$400,000 3.488% 2.094% \$400,000 800 3.128% 1.794% 900 \$400,000 2.880% 1.595% \$400,000 1,000 2.735% 1.472% \$400,000 1,500 2.071% 0.951% \$400,000 2,000 1.668% 0.670% \$400,000 3,000 1.208% 0.382% \$400,000 4,000 0.889% 0.219% \$400,000 5,000 0.689% 0.136% \$400,000 10,000 0.245% 0.015% \$400,000 20,000 0.001% 0.054% \$405,000 25 20.889% 19.278% 13.293% \$405,000 50 14.965% \$405,000 100 10.596% 8.883% \$405,000 150 8.323% 6.634% \$405,000 200 7.113% 5.452% 300 \$405,000 5.693% 4.100% 400 \$405,000 4.867% 3.339% 500 \$405,000 4.169% 2.708% \$405,000 600 3.741% 2.329% 700 \$405,000 3.497% 2.102% 800 \$405,000 3.137% 1.802% 900 \$405,000 1.602% 2.888% \$405,000 1,000 2.743% 1.478% 1,500 \$405,000 2.077% 0.956% \$405,000 2,000 1.673% 0.674% \$405,000 3,000 1.213% 0.385% \$405,000 4,000 0.893% 0.220%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$405,000 5.000 0.692% 0.137% \$405,000 10,000 0.247% 0.015% \$405,000 20,000 0.054% 0.001% 25 \$410,000 20.909% 19.300% \$410,000 50 14.987% 13.318% \$410,000 100 10.619% 8.908% \$410,000 150 8.344% 6.655% \$410,000 200 7.132% 5.471% \$410,000 300 5.709% 4.115% 400 \$410,000 4.879% 3.351% \$410,000 500 4.180% 2.718% 600 \$410,000 3.751% 2.338% \$410,000 700 3.506% 2.110% \$410,000 800 3.145% 1.809% \$410,000 900 2.897% 1.609% \$410,000 1,000 2.751% 1.485% \$410,000 1,500 2.084% 0.961% \$410,000 2,000 1.679% 0.678% \$410,000 3,000 1.218% 0.388% \$410,000 4,000 0.897% 0.222% \$410,000 5,000 0.696% 0.139% \$410,000 10.000 0.248% 0.015% \$410,000 20,000 0.055% 0.001% \$415,000 25 20.929% 19.321% \$415,000 50 15.009% 13.342% \$415,000 100 10.642% 8.932% 150 \$415,000 8.364% 6.676% 200 \$415,000 7.150% 5.489% \$415,000 300 5.724% 4.130% 400 3.363% 4.892% \$415,000 500 2.728% \$415,000 4.191% 600 3.762% 2.347% \$415,000 \$415,000 700 3.516% 2.118% 800 \$415,000 3.154% 1.817% \$415,000 900 2.905% 1.616% \$415,000 1,000 2.759% 1.491% \$415,000 1,500 2.090% 0.966%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$415,000 2.000 1.685% 0.682% \$415,000 3,000 1.222% 0.390% \$415,000 4,000 0.901% 0.224% 5,000 \$415,000 0.699% 0.140% \$415,000 10,000 0.250% 0.016% \$415,000 20,000 0.055% 0.001% 19.342% \$420,000 25 20.948% \$420,000 50 15.031% 13.365% \$420,000 100 10.664% 8.956% 150 \$420,000 8.385% 6.698% \$420,000 200 7.169% 5.508% 300 \$420,000 5.739% 4.145% \$420,000 400 4.905% 3.375% \$420,000 500 4.202% 2.738% \$420,000 600 3.772% 2.357% \$420,000 700 3.525% 2.127% \$420,000 800 3.163% 1.825% \$420,000 900 2.913% 1.623% \$420,000 1,000 2.767% 1.498% \$420,000 1,500 2.097% 0.971% \$420,000 2,000 1.690% 0.686% 3.000 1.227% 0.393% \$420,000 \$420,000 4,000 0.905% 0.226% \$420,000 5,000 0.703% 0.141% \$420,000 10,000 0.251% 0.016% \$420,000 20,000 0.056% 0.001% 25 19.361% \$425,000 20.966% 50 \$425,000 15.051% 13.387% \$425,000 100 8.978% 10.685% 150 \$425,000 8.405% 6.718% \$425,000 200 7.186% 5.525% 300 \$425,000 5.753% 4.159% \$425,000 400 4.917% 3.387% 500 \$425,000 4.212% 2.748% \$425,000 600 3.781% 2.365% \$425,000 700 3.534% 2.134% \$425,000 800 3.171% 1.832%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$425,000 900 2.921% 1.629% \$425,000 1,000 2.774% 1.504% \$425,000 1,500 2.103% 0.975% \$425,000 2,000 1.696% 0.690% \$425,000 3,000 1.231% 0.395% \$425,000 4,000 0.909% 0.228% \$425,000 5,000 0.706% 0.143% 0.016% \$425,000 10,000 0.253% \$425,000 20,000 0.056% 0.001% 25 \$430,000 20.983% 19.379% 50 \$430,000 15.071% 13.409% 100 \$430,000 10.706% 9.000% \$430,000 150 8.424% 6.738% \$430,000 200 7.203% 5.542% \$430,000 300 5.768% 4.173% \$430,000 400 4.929% 3.398% \$430,000 500 4.223% 2.758% 600 \$430,000 3.791% 2.374% \$430,000 700 3.542% 2.142% \$430,000 800 3.180% 1.839% \$430,000 900 2.928% 1.636% 2.781% \$430,000 1.000 1.510% \$430,000 1,500 2.109% 0.980% \$430,000 2,000 1.701% 0.694% \$430,000 3,000 1.236% 0.398% \$430,000 4,000 0.913% 0.230% \$430,000 5,000 0.709% 0.144% \$430,000 10,000 0.254% 0.016% \$430,000 20,000 0.001% 0.056% 25 \$435,000 21.000% 19.398% 50 \$435,000 15.090% 13.429% \$435,000 100 10.726% 9.022% \$435,000 150 8.443% 6.758% 200 7.220% \$435,000 5.559% \$435,000 300 5.781% 4.186% \$435,000 400 4.941% 3.409%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$435,000

500

4.233%

2.767%

Pooling Members 5% Margin 10% Margin Limit \$435,000 600 3.800% 2.383% \$435,000 700 3.551% 2.149% 800 \$435,000 3.188% 1.846% 900 2.936% \$435,000 1.642% \$435,000 1,000 2.788% 1.516% \$435,000 1,500 2.115% 0.985% \$435,000 2,000 1.706% 0.697% 3,000 \$435,000 1.240% 0.400% \$435,000 4,000 0.916% 0.231% \$435,000 5,000 0.712% 0.145% \$435,000 10,000 0.256% 0.016% \$435,000 20,000 0.057% 0.001% \$440,000 25 21.017% 19.415% \$440,000 50 15.108% 13.449% \$440,000 100 10.746% 9.043% \$440,000 150 8.462% 6.777% \$440,000 200 7.237% 5.576% \$440,000 300 5.795% 4.200% \$440,000 400 4.953% 3.420% \$440,000 500 4.243% 2.776% \$440,000 600 3.810% 2.391% 700 3.559% 2.157% \$440,000 \$440,000 800 3.196% 1.853% \$440,000 900 2.943% 1.648% \$440,000 1,000 2.795% 1.522% \$440,000 1,500 2.120% 0.989% 1.711% 0.701% \$440,000 2,000 \$440,000 3,000 1.244% 0.403% \$440,000 4.000 0.920% 0.233% \$440,000 5,000 0.716% 0.146% \$440,000 10,000 0.257% 0.017% \$440,000 20,000 0.057% 0.001% \$445,000 25 21.034% 19.433% 50 \$445,000 15.127% 13.469% \$445,000 100 10.765% 9.064% \$445,000 150 8.481% 6.797%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$445,000

200

7.253%

5.593%

Pooling Members 5% Margin 10% Margin Limit \$445,000 300 5.809% 4.213% \$445,000 400 4.964% 3.432% 500 \$445,000 4.253% 2.786% 600 \$445,000 3.819% 2.400% \$445,000 700 3.568% 2.164% \$445,000 800 3.204% 1.860% 900 \$445,000 2.951% 1.655% 1.000 2.802% \$445,000 1.528% \$445,000 1,500 2.126% 0.993% \$445,000 2,000 1.716% 0.704% \$445,000 3,000 1.248% 0.405% \$445,000 4,000 0.923% 0.235% 5,000 \$445,000 0.719% 0.148% \$445,000 10,000 0.259% 0.017% \$445,000 20,000 0.058% 0.001% \$450,000 25 21.050% 19.451% \$450,000 50 15.145% 13.489% 100 \$450,000 10.785% 9.085% \$450,000 150 8.500% 6.816% \$450,000 200 7.270% 5.609% \$450,000 300 5.822% 4.227% 400 4.976% \$450,000 3.443% \$450,000 500 4.263% 2.795% \$450,000 600 3.828% 2.409% \$450,000 700 3.576% 2.172% 800 \$450,000 3.212% 1.867% 900 \$450,000 2.959% 1.661% \$450,000 1,000 2.809% 1.533% \$450,000 1,500 2.132% 0.998% \$450,000 2,000 1.722% 0.708% \$450,000 3,000 1.252% 0.408%

4,000

5,000

10,000

20,000

25

50

0.927%

0.722%

0.260%

0.058%

21.066%

15.162%

0.237%

0.149%

0.017%

0.001%

19.468%

13.508%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$450,000

\$450,000

\$450,000

\$450,000

\$455,000

\$455,000

Pooling Members 5% Margin 10% Margin Limit \$455,000 100 10.804% 9.106% \$455,000 150 8.519% 6.836% 200 \$455,000 7.286% 5.626% 300 \$455,000 5.836% 4.240% \$455,000 400 4.988% 3.454% \$455,000 500 4.273% 2.804% \$455,000 600 3.838% 2.417% 700 3.585% 2.180% \$455,000 \$455,000 800 3.220% 1.874% 900 \$455,000 2.966% 1.668% \$455,000 1,000 2.816% 1.539% \$455,000 1,500 2.138% 1.002% \$455,000 2,000 1.727% 0.712% \$455,000 3,000 1.257% 0.410% 4,000 \$455,000 0.931% 0.238% \$455,000 5,000 0.725% 0.150% \$455,000 10,000 0.262% 0.017% \$455,000 20,000 0.059% 0.001% \$460,000 25 21.082% 19.485% \$460,000 50 15.180% 13.527% \$460,000 100 10.823% 9.126% 150 \$460,000 8.537% 6.855% \$460,000 200 7.303% 5.643% \$460,000 300 5.850% 4.254% \$460,000 400 5.000% 3.465% 500 \$460,000 4.283% 2.814% 2.426% \$460,000 600 3.847% 700 \$460,000 3.593% 2.187% \$460,000 800 3.228% 1.881% 900 \$460,000 2.974% 1.674% \$460,000 1,000 2.823% 1.545% \$460,000 1,500 1.007% 2.144% \$460,000 2,000 1.732% 0.715% \$460,000 3,000 1.261% 0.413% \$460,000 4,000 0.934% 0.240% 5,000 \$460,000 0.728% 0.151%

EXPERIENCE REFUND RISK CHARGE FACTORS*

* Applied to projected claims under pooling

\$460,000

10,000

0.263%

0.018%

Pooling Members 5% Margin 10% Margin Limit \$460,000 20,000 0.059% 0.001% \$465,000 25 21.097% 19.502% 50 \$465,000 15.197% 13.546% 100 9.146% \$465,000 10.842% \$465,000 150 8.556% 6.874% \$465,000 200 7.319% 5.659% \$465,000 300 5.863% 4.268% 400 \$465,000 5.012% 3.477% \$465,000 500 4.293% 2.823% \$465,000 600 3.857% 2.435% \$465,000 700 3.602% 2.195% 800 \$465,000 3.235% 1.888% \$465,000 900 2.981% 1.681% \$465,000 1,000 2.830% 1.551% \$465,000 1,500 2.149% 1.011% \$465,000 2,000 1.737% 0.719% \$465,000 3,000 1.265% 0.415% \$465,000 4,000 0.938% 0.242% \$465,000 5,000 0.732% 0.153% \$465,000 10,000 0.265% 0.018% \$465,000 20,000 0.059% 0.001% 25 19.518% \$470,000 21.112% \$470,000 50 15.214% 13.564% \$470,000 100 9.166% 10.860% \$470,000 150 8.574% 6.893% 200 \$470,000 7.335% 5.676% 300 4.281% \$470,000 5.877% \$470,000 400 5.024% 3.488% \$470,000 500 4.303% 2.832% \$470,000 600 2.443% 3.866% \$470,000 700 2.202% 3.610% \$470,000 800 3.243% 1.895% \$470,000 900 2.988% 1.687% \$470,000 1,000 2.837% 1.557% \$470,000 1,500 2.155% 1.016% \$470,000 2,000 1.742% 0.722% \$470,000 3,000 1.269% 0.418%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$470,000 4.000 0.942% 0.244% \$470,000 5,000 0.735% 0.154% \$470,000 10,000 0.266% 0.018% 20,000 0.001% \$470,000 0.060% \$475,000 25 21.127% 19.534% \$475,000 50 15.230% 13.582% \$475,000 100 10.878% 9.186% 150 \$475,000 8.592% 6.912% \$475,000 200 7.351% 5.692% 300 \$475,000 5.890% 4.294% \$475,000 400 5.035% 3.499% 500 \$475,000 4.312% 2.841% \$475,000 600 3.875% 2.452% \$475,000 700 3.618% 2.209% \$475,000 800 3.251% 1.902% \$475,000 900 2.996% 1.693% \$475,000 1,000 2.844% 1.563% \$475,000 1,500 2.160% 1.020% \$475,000 2,000 1.747% 0.726% \$475,000 3,000 1.274% 0.420% \$475,000 4,000 0.945% 0.245% \$475,000 5.000 0.738% 0.155% \$475,000 10,000 0.268% 0.018% \$475,000 20,000 0.060% 0.001% \$480,000 25 21.142% 19.550% \$480,000 50 13.600% 15.247% \$480,000 100 10.895% 9.205% 150 \$480,000 8.609% 6.931% \$480,000 200 7.367% 5.709% 300 \$480,000 5.903% 4.307% 400 \$480,000 5.046% 3.509% \$480,000 500 4.322% 2.850% 600 \$480,000 3.884% 2.460% 700 2.217% \$480,000 3.627% \$480,000 800 3.259% 1.909% \$480,000 900 3.003% 1.699% \$480,000 1,000 2.851% 1.569%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$480,000 1.500 2.166% 1.024% 1.752% \$480,000 2,000 0.729% \$480,000 3,000 1.278% 0.422% 0.247% \$480,000 4,000 0.949% \$480,000 5,000 0.741% 0.156% \$480,000 10,000 0.269% 0.018% \$480,000 20,000 0.061% 0.001% 25 19.566% \$485,000 21.157% \$485,000 50 15.263% 13.618% 100 \$485,000 10.913% 9.224% \$485,000 150 8.627% 6.949% 200 \$485,000 7.383% 5.725% \$485,000 300 5.917% 4.321% \$485,000 400 5.058% 3.520% \$485,000 500 4.332% 2.860% \$485,000 600 3.894% 2.469% \$485,000 700 3.635% 2.224% 800 \$485,000 3.266% 1.915% 900 \$485,000 3.010% 1.706% \$485,000 1,000 2.858% 1.574% \$485,000 1,500 2.172% 1.029% 1.757% \$485,000 2.000 0.733% \$485,000 3,000 1.282% 0.425% \$485,000 4,000 0.953% 0.249% \$485,000 5,000 0.744% 0.158% 10,000 0.270% 0.019% \$485,000 \$485,000 20,000 0.061% 0.001% 25 \$490,000 21.172% 19.582% \$490,000 50 15.280% 13.636% 100 \$490,000 10.931% 9.243% 150 \$490,000 8.645% 6.968% 200 \$490,000 7.399% 5.742% \$490,000 300 5.930% 4.334% 400 \$490,000 5.069% 3.531% \$490,000 500 4.341% 2.869% \$490,000 600 3.903% 2.477% \$490,000 700 3.643% 2.232%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Members 5% Margin 10% Margin Limit \$490,000 800 3.274% 1.922% 900 \$490,000 3.018% 1.712% \$490,000 1,000 2.865% 1.580% \$490,000 1,500 2.177% 1.033% \$490,000 2,000 1.762% 0.736% 3,000 \$490,000 1.286% 0.427% \$490,000 4,000 0.956% 0.251% \$490,000 5,000 0.747% 0.159% \$490,000 10,000 0.272% 0.019% \$490,000 20,000 0.062% 0.001% \$495,000 25 21.187% 19.598% 50 \$495,000 15.296% 13.654% \$495,000 100 10.948% 9.263% \$495,000 150 8.663% 6.987% \$495,000 200 7.416% 5.758% \$495,000 300 5.944% 4.348% \$495,000 400 5.080% 3.542% 500 \$495,000 4.351% 2.878% \$495,000 600 3.912% 2.486% \$495,000 700 3.652% 2.239% \$495,000 800 3.282% 1.929% 900 3.025% \$495,000 1.718% \$495,000 1,000 2.872% 1.586% \$495,000 1,500 2.183% 1.037% \$495,000 2,000 1.767% 0.740% \$495,000 1.290% 3,000 0.430% 0.252% \$495,000 4,000 0.960% \$495,000 5,000 0.750% 0.160% \$495,000 10,000 0.273% 0.019% \$495,000 20,000 0.062% 0.001% 25 \$500,000 21.201% 19.613% \$500,000 50 15.312% 13.671% \$500,000 100 10.965% 9.281% 150 \$500,000 8.680% 7.005% \$500,000 200 7.432% 5.775% \$500,000 300 5.957% 4.361% \$500,000 400 5.092% 3.553%

EXPERIENCE REFUND RISK CHARGE FACTORS*

Pooling Limit	Members	5% Margin	10% Margin
\$500,000	500	4.361%	2.887%
\$500,000	600	3.921%	2.494%
\$500,000	700	3.660%	2.246%
\$500,000	800	3.290%	1.936%
\$500,000	900	3.032%	1.725%
\$500,000	1,000	2.879%	1.592%
\$500,000	1,500	2.189%	1.042%
\$500,000	2,000	1.772%	0.744%
\$500,000	3,000	1.294%	0.432%
\$500,000	4,000	0.964%	0.254%
\$500,000	5,000	0.753%	0.162%
\$500,000	10,000	0.275%	0.019%
\$500,000	20,000	0.063%	0.001%

EXPERIENCE REFUND RISK CHARGE FACTORS*

MEMBER MONTHS FOR FULL CREDIBILITY BY POOLING POINT

D 11 11 11		
Pooling Limit	Member Months	
\$30,000	8,325	
\$35,000	9,182	
\$40,000 \$45,000	9,990	
	10,747	
\$50,000 \$55,000	11,462	
\$60,000	12,142 12,786	
\$65,000	13,406	
\$70,000	14,002	
\$75,000	14,573	
\$80,000	15,117	
\$85,000	15,633	
\$90,000	16,127	
\$95,000	16,600	
\$100,000	17,055	
\$105,000	17,497	
\$110,000	17,923	
\$115,000	18,338	
\$120,000	18,745	
\$125,000	19,140	
\$130,000	19,523	
\$135,000	19,897	
\$140,000	20,266	
\$145,000	20,624	
\$150,000	20,974	
\$155,000	21,313	
\$160,000	21,643	
\$165,000	21,969	
\$170,000	22,289	
\$175,000	22,600	
\$180,000	22,905	
\$185,000	23,199	
\$190,000	23,486	
\$195,000	23,766	
\$200,000	24,039	
\$205,000	24,307	
\$210,000	24,570	
\$215,000	24,827	
\$220,000	25,077	
\$225,000	25,323	
\$230,000	25,563	
\$235,000	25,799	
\$240,000	26,032	
\$245,000	26,259	
\$250,000	26,480	
\$255,000	26,695	
\$260,000	26,905	
\$265,000	27,111	
\$270,000	27,316	
\$275,000	27,517	
\$280,000	27,712	
\$285,000	27,903	
\$290,000	28,086	
\$295,000	28,262	
\$300,000	28,438	