

State: VermontGMCB **Filing Company:** MVP Health Insurance Company
TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
Product Name: VT LG HIC 1Q 2Q 2018
Project Name/Number: /

Filing at a Glance

Company: MVP Health Insurance Company
 Product Name: VT LG HIC 1Q 2Q 2018
 State: VermontGMCB
 TOI: H16G Group Health - Major Medical
 Sub-TOI: H16G.002A Large Group Only - PPO
 Filing Type: GMCB Rate
 Date Submitted: 08/09/2017
 SERFF Tr Num: MVPH-131148723
 SERFF Status: Pending State Action
 State Tr Num:
 State Status:
 Co Tr Num:

 Implementation: 01/01/2018
 Date Requested:
 Author(s): Matt Lombardo, Eric Bachner
 Reviewer(s): Sebastian Arduengo (primary), Marisa Melamed, David Dillon, Jacqueline Lee, Thomas Crompton, Judith Henkin, Beverly Smith

 Disposition Date:
 Disposition Status:
 Implementation Date:

 State Filing Description:

State: VermontGMCB **Filing Company:** MVP Health Insurance Company
TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
Product Name: VT LG HIC 1Q 2Q 2018
Project Name/Number: /

General Information

Project Name:	Status of Filing in Domicile:
Project Number:	Date Approved in Domicile:
Requested Filing Mode: Review & Approval	Domicile Status Comments:
Explanation for Combination/Other:	Market Type: Group
Submission Type: New Submission	Group Market Size: Large
Group Market Type: Employer	Overall Rate Impact: 5.8%
Filing Status Changed: 09/12/2017	
State Status Changed:	Deemer Date:
Created By: Eric Bachner	Submitted By: Eric Bachner
Corresponding Filing Tracking Number:	

PPACA: Non-Grandfathered Immed Mkt Reforms

PPACA Notes: null

Include Exchange Intentions: No

Filing Description:

The proposed manual rates, experience rated formula, and addendum values included within this filing are for employer groups with 100+ employees in the state of Vermont with coverage dates beginning between 1/1/2018 - 6/30/2018.

Company and Contact

Filing Contact Information

Matt Lombardo,	mlombardo@mvphealthcare.com
625 State Street	518-388-2483 [Phone]
Schenectady, NY 12305	

Filing Company Information

MVP Health Insurance Company	CoCode: 11125	State of Domicile: New York
625 State Street	Group Code: 1198	Company Type: Health
Schenectady, NY 12305	Group Name:	Insurance
(518) 388-2469 ext. [Phone]	FEIN Number: 14-1827918	State ID Number:

Filing Fees

Fee Required?	No
Retaliatory?	No
Fee Explanation:	

SERFF Tracking #:

MVPH-131148723

State Tracking #:

Company Tracking #:

State: VermontGMCB

Filing Company:

MVP Health Insurance Company

TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO

Product Name: VT LG HIC 1Q 2Q 2018

Project Name/Number: /

Correspondence Summary

Objection Letters and Response Letters

Objection Letters

Status	Created By	Created On	Date Submitted
Pending Response	Jacqueline Lee	09/07/2017	09/07/2017
Pending Response	Jacqueline Lee	08/25/2017	08/25/2017

Response Letters

Responded By	Created On	Date Submitted
Eric Bachner	09/12/2017	09/12/2017
Matt Lombardo	08/31/2017	09/01/2017

Amendments

Schedule	Schedule Item Name	Created By	Created On	Date Submitted
Supporting Document	Actuarial Memorandum	Eric Bachner	10/18/2017	10/18/2017

Filing Notes

Subject	Note Type	Created By	Created On	Date Submitted
Confidentiality granted; Letter No. 1, Question 5	Note To Filer	Noel Hudson	09/01/2017	09/01/2017
Request for Confidentiality, L&E Objection Letter #1, Question #5	Note To Reviewer	Matt Lombardo	08/31/2017	09/01/2017
original RRS and RRD tabs	Reviewer Note	Marisa Melamed	10/19/2017	

State: VermontGMCB **Filing Company:** MVP Health Insurance Company
TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
Product Name: VT LG HIC 1Q 2Q 2018
Project Name/Number: /

Objection Letter

Objection Letter Status	Pending Response
Objection Letter Date	09/07/2017
Submitted Date	09/07/2017
Respond By Date	09/12/2017

Dear Matt Lombardo,

Introduction:

Please see the attached letter.

Conclusion:

*Sincerely,
Jacqueline Lee*

Dallas

Cabe W. Chadick, F.S.A.
S. Scott Gibson, F.S.A.
Glenn A. Tobleman, F.S.A., F.C.A.S.
Michael A. Mayberry, F.S.A.
David M. Dillon, F.S.A.
Gregory S. Wilson, F.C.A.S.
Steven D. Bryson, F.S.A.
Brian D. Rankin, F.S.A.
Bonnie S. Albritton, F.S.A.
Jacqueline B. Lee, F.S.A.
Xiaoxiao (Lisa) Jiang, F.S.A.
Brian C. Stentz, A.S.A.
Jennifer M. Allen, A.S.A.
Josh A. Hammerquist, A.S.A.
Johnathan L. O'Dell, A.S.A.
Larry Choi, A.S.A.
Kevin Rugeberg, A.S.A.
Traci Hughes, A.S.A.

**Kansas City**

Gary L. Rose, F.S.A.
Terry M. Long, F.S.A.
Leon L. Langlitz, F.S.A.
D. Patrick Glenn, A.S.A., A.C.A.S.
Christopher J. Merkel, F.S.A.
Christopher H. Davis, F.S.A.
Karen E. Elsom, F.S.A.
Jill J. Humes, F.S.A.
Kimberly S. Shores, F.S.A.
Michael A. Brown, F.S.A.
Naomi J. Kloepersmith, F.S.A.
Stephanie T. Crownhart, F.S.A.
Mark W. Birdsall, F.S.A.

London/Kansas City

Timothy A. DeMars, F.S.A., F.I.A.
Scott E. Morrow, F.S.A., F.I.A.

Denver

Mark P. Stukowski, F.S.A.
William J. Gorski, F.S.A.

Indianapolis

Kathryn R. Koch, A.C.A.S.

Baltimore

David A. Palmer, C.F.E.

September 6, 2017

Eric Bachner
MVP Health Insurance Company
625 State Street
Schenectady, NY 12305

Re: MVP Health Plan, Inc.
2018 1Q/2Q Large Group HIC Rate Filing
SERFF Tracking #: MVPH-131148723
Objection #2

Dear Mr. Bachner:

The following additional information is required for this filing.

General

1. Was any analysis performed on how benefit relativities based on more recent data would compare to the current relativities? If so, please provide the results of this analysis.

Please be aware that we may have further questions regarding the filing as the review continues.

To ensure that the review of your filing has been completed before statutory deadlines, we expect you to respond as expeditiously as possible, but no later than September 12th, 2017.

We trust that you understand these forms may not be used in Vermont until they are formally approved by the GMCB.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kevin Ruggeberg', written over a horizontal line.

Kevin Ruggeberg, ASA, MAAA

Associate Actuary

Lewis & Ellis, Inc.

KRuggeberg@LewisEllis.com

(972)-850-0850

State: VermontGMCB **Filing Company:** MVP Health Insurance Company
TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
Product Name: VT LG HIC 1Q 2Q 2018
Project Name/Number: /

Objection Letter

Objection Letter Status	Pending Response
Objection Letter Date	08/25/2017
Submitted Date	08/25/2017
Respond By Date	09/01/2017

Dear Matt Lombardo,

Introduction:

Please see the attached letter.

Conclusion:

Sincerely,
Jacqueline Lee

Dallas

Cabe W. Chadick, F.S.A.
 S. Scott Gibson, F.S.A.
 Glenn A. Tobleman, F.S.A., F.C.A.S.
 Michael A. Mayberry, F.S.A.
 David M. Dillon, F.S.A.
 Gregory S. Wilson, F.C.A.S.
 Steven D. Bryson, F.S.A.
 Brian D. Rankin, F.S.A.
 Bonnie S. Albritton, F.S.A.
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 Brian C. Stentz, A.S.A.
 Jennifer M. Allen, A.S.A.
 Josh A. Hammerquist, A.S.A.
 Johnathan L. O'Dell, A.S.A.
 Clint Prater, A.S.A.
 Larry Choi, A.S.A.
 Kevin Rugeberg, A.S.A.
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**Kansas City**

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 D. Patrick Glenn, A.S.A., A.C.A.S.
 Christopher J. Merkel, F.S.A.
 Christopher H. Davis, F.S.A.
 Karen E. Elsom, F.S.A.
 Jill J. Humes, F.S.A.
 Kimberly S. Shores, F.S.A.
 Michael A. Brown, F.S.A.
 Naomi J. Kloppersmith, F.S.A.
 Stephanie T. Crownhart, F.S.A.
 Mark W. Birdsall, F.S.A.

London/Kansas City

Timothy A. DeMars, F.S.A., F.I.A.
 Scott E. Morrow, F.S.A., F.I.A.

Denver

Mark P. Stukowski, F.S.A.
 William J. Gorski, F.S.A.

Indianapolis

Kathryn R. Koch, A.C.A.S.

Baltimore

David A. Palmer, C.F.E.

August 25, 2017

Eric Bachner
 MVP Health Insurance Company
 625 State Street
 Schenectady, NY 12305

Re: MVP Health Plan, Inc.
 2018 1Q/2Q Large Group HIC Rate Filing
 SERFF Tracking #: MVPH-131148723
 Objection #1

Dear Mr. Bachner:

The following additional information is required for this filing.

General

1. Provide an exhibit quantifying all three sources of the proposed change in revenue (manual rate, age/gender, and target loss ratio) by quarter from 2Q2017 to 2Q2018.
2. In the 3Q 2017 filing, MVP stated that they “are currently aiming to re-slope benefits for the 1Q 2017 filing.” It does not appear this was performed. Please explain the continued use of 2012 data for the benefit relativities.

Base Period Data

3. Please clarify whether experience for the various riders included in the filing is included in the base period experience.

Non-Benefit Expenses

4. The proposed general administrative load of 9.7% is higher than the actual expense ratio in any of the last three years. Support this assumption as consistent with MVP’s actual expected administrative costs.

Adjustment Factors

5. Please support the 2018 inpatient and outpatient annual unit cost trends shown in Exhibit 2a.

6. It appears that MVP is assuming that members with Medicare as their primary insurer will have costs 25% lower than non-Medicare enrollees of the same age and gender. Support this assumption.
7. What percentage of current enrollees have Medicare as their primary coverage, and what is the average age for those enrollees?
8. Did the normalization of the age/gender factors take the Medicare factor into account?
9. The large group data in Vermont continues to suggest that the pooling charge of 9.2% is higher than the assumption in the Experience Rated Addendum.
 - a. The Addendum provides for a range of pooling levels. Why is the large group manual rate set at the \$100k pooling level? A table provided on page 9 of the addendum suggests that MVP considers a block this size credible up to a much higher pooling level.
 - b. What population and time period underlie the assumed pooling charges?
 - c. In prior filings, MVP has argued that the pooling charges are consistent with MVP's claims experience nationwide. Provide data in support of the 9.2% assumption.

Other Medical Costs

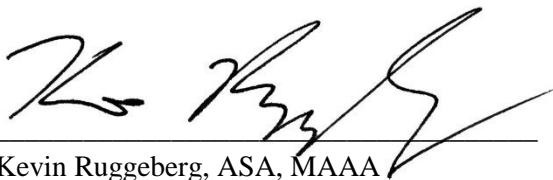
10. Please clarify what costs are represented by the \$0.45 PMPM "ACRH Payments" line item in the capitations build-up.

Please be aware that we expect to have further questions regarding the filing as the review continues.

To ensure that the review of your filing has been completed before statutory deadlines, we expect you to respond as expeditiously as possible, but no later than September 1st, 2017.

We trust that you understand these forms may not be used in Vermont until they are formally approved by the GMCB.

Sincerely,



Kevin Ruggeberg, ASA, MAAA
Associate Actuary
Lewis & Ellis, Inc.
KRuggeberg@LewisEllis.com
(972)-850-0850

SERFF Tracking #:

MVPH-131148723

State Tracking #:

Company Tracking #:

State: VermontGMCB **Filing Company:** MVP Health Insurance Company
TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
Product Name: VT LG HIC 1Q 2Q 2018
Project Name/Number: /

Response Letter

Response Letter Status Submitted to State
Response Letter Date 09/12/2017
Submitted Date 09/12/2017

Dear Sebastian Arduengo,

Introduction:

Response 1

Comments:

Please see the attached supporting documentation which provides MVP's response to L&E objection #2.

Changed Items:

Supporting Document Schedule Item Changes	
Satisfied - Item:	Response to Objection Letter #2
Comments:	
Attachment(s):	Response to 1Q 2018 VT LG HIC Objection #2.pdf

No Form Schedule items changed.

No Rate/Rule Schedule items changed.

Conclusion:

*Sincerely,
Eric Bachner*

SERFF Tracking #:

MVPH-131148723

State Tracking #:

Company Tracking #:

State: VermontGMCB

Filing Company:

MVP Health Insurance Company

TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO

Product Name: VT LG HIC 1Q 2Q 2018

Project Name/Number: /

Response Letter

Response Letter Status Submitted to State
Response Letter Date 08/31/2017
Submitted Date 09/01/2017

Dear Sebastian Arduengo,

Introduction:

Response 1

Comments:

Please see the attachments for MVP's response to L&E Objection Letter #1.

Changed Items:

Supporting Document Schedule Item Changes	
Satisfied - Item:	Response to Objection Letter #1
Comments:	Please see the attachments for MVP's response to L&E Objection Letter #1.
Attachment(s):	Response to 1Q 2018 VT LG HIC Objection .pdf Support for L&E Objection #1 REDACTED.pdf Support for L&E Objection #1 REDACTED.xlsx

No Form Schedule items changed.

No Rate/Rule Schedule items changed.

Conclusion:

Sincerely,

Matt Lombardo

State: VermontGMCB **Filing Company:** MVP Health Insurance Company
TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
Product Name: VT LG HIC 1Q 2Q 2018
Project Name/Number: /

Amendment Letter

Submitted Date: 10/18/2017

Comments:

Please see the attached version 2 of the rate filing that makes the necessary changes to the rate for VEHD2-41 to maintain the plan's QHDHP status.

Changed Items:

No Form Schedule Items Changed.

No Rate Schedule Items Changed.

Supporting Document Schedule Item Changes	
Satisfied - Item:	Actuarial Memorandum
Comments:	
Attachment(s):	VT Experience Rated Addendum - 1Q 2018.pdf Impact of Membership Growth_Decline on Experience Pd Claims.xlsx Impact of Membership Growth_Decline on Experience Pd Claims.pdf 1Q 2018 ACT MEMO HIC Large Group.pdf 1Q 2018 Experience Rating Formula Filing Exhibits A&B - Vermont.pdf Appendices A- C - 1Q 2018.pdf Rolling 12 Medical and Rx Data - LG HIC.xlsx Rolling 12 Medical and Rx Data - LG HIC.pdf MVP Health Care - Experience Formula effective 1.1.18_VT.pdf VT LG HIC Q1 & Q2 2018 Rate Filing SERFF v2.xlsx VT LG HIC Q1 & Q2 2018 Rate Filing SERFF v2.pdf
<i>Previous Version</i>	
Satisfied - Item:	Actuarial Memorandum
Comments:	
Attachment(s):	VT Experience Rated Addendum - 1Q 2018.pdf VT LG HIC Q1 & Q2 2018 Rate Filing SERFF.xlsx VT LG HIC Q1 & Q2 2018 Rate Filing SERFF.pdf Impact of Membership Growth_Decline on Experience Pd Claims.xlsx Impact of Membership Growth_Decline on Experience Pd Claims.pdf 1Q 2018 ACT MEMO HIC Large Group.pdf 1Q 2018 Experience Rating Formula Filing Exhibits A&B - Vermont.pdf Appendices A- C - 1Q 2018.pdf Rolling 12 Medical and Rx Data - LG HIC.xlsx Rolling 12 Medical and Rx Data - LG HIC.pdf MVP Health Care - Experience Formula effective 1.1.18_VT.pdf

State: VermontGMCB Filing Company: MVP Health Insurance Company
TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
Product Name: VT LG HIC 1Q 2Q 2018
Project Name/Number: /

Note To Filer

Created By:

Noel Hudson on 09/01/2017 10:37 AM

Last Edited By:

Noel Hudson

Submitted On:

09/01/2017 10:37 AM

Subject:

Confidentiality granted; Letter No. 1, Question 5

Comments:

I have reviewed your request for confidential treatment of certain information requested by Lewis & Ellis on August 25 regarding the 1Q2Q Large Group PPO filing, MVPH-131148723.

The information you have identified is exempt from disclosure under Vermont's Access to Public Records Act. Specifically, it falls within the exemption set forth at 1 V.S.A. § 317(c)(9) because its public disclosure would reveal proprietary information. That information is competitively sensitive because MVP's competitors could use it to undermine MVP's competitive advantage that flows from having exclusive possession of such information. Accordingly, your request for confidential treatment of the above-referenced information is granted.

Please forward the material to L&E and the HCA and copy the undersigned, Judy Henkin, Tom Crompton and Marisa Melamed.

Noel Hudson, Esq.
Health Policy Director
Green Mountain Care Board

State: VermontGMCB **Filing Company:** MVP Health Insurance Company
TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
Product Name: VT LG HIC 1Q 2Q 2018
Project Name/Number: /

Note To Reviewer

Created By:

Matt Lombardo on 08/31/2017 11:05 AM

Last Edited By:

Matt Lombardo

Submitted On:

09/01/2017 08:12 AM

Subject:

Request for Confidentiality, L&E Objection Letter #1, Question #5

Comments:

Pursuant to 1 VSA 317(c)(9), MVP designates the identified information as trade secrets, which are confidential and proprietary business records within the meaning of 1 VSA 317(c)(9), and not subject to disclosure. As reason therefore, MVP states this information is the subject of confidential provider contract negotiations between MVP and different providers, disclosure of which would not only violate contractual agreements with those providers, but would result in competitive disadvantage if our competitors were to learn the results of these negotiations. Also, it would harm MVP's future ability to negotiate with these providers, as they could become aware of discounts negotiated with other similarly situated providers, also harming MVP's competitive advantage. MVP maintains the secrecy of this data, and requests that the Board do likewise.

State: VermontGMCB **Filing Company:** MVP Health Insurance Company
TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
Product Name: VT LG HIC 1Q 2Q 2018
Project Name/Number: /

Reviewer Note

Created By:

Marisa Melamed on 10/19/2017 08:59 AM

Subject:

original RRS and RRD tabs

Comments:

original RRS and RRD tabs

Revision update.

Company

PPO

(y), Marisa Melamed, David Dillon, Jacqueline Lee, Thomas Crompton, Judith Henkin

SERFF Tr Num:

SERFF Status:

State Tr Num:

State Status:

Co Tr Num:

Disposition Date:

- File
- Supporting Documentation
- Companies and Contact
- Filing Fees
- Filing Correspondence

to HHS.

SERFF

Increase

-11.100 %

01/01/2017

SERFF

Company Rate Information

Overall % Indicated Change:	Overall % Rate Impact:	Written Premium Change for this Program:	Number of Policy Holders Affected for this Program:	Written Premium for this Program:	Maximum % Change (where required)
5.800 %	5.800 %	\$568,038.00	16	\$10,431,677.00	5.800 %

Document Name: *	Affected Form Numbers: (Separate with commas)	Rate Action: *	Rate Action Information:	Attach Document
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Icon Legend: - Draft Schedule Item - Open Objection - Complete Rate Review Detail - Incomplete Rate Review Detail


Company Name: MVP Health Insurance Company

HHS Issuer ID:  * 92082

PRODUCTS:  *

Product Name *	HIOS Product ID	HIOS Submission ID	Number of Covered Lives *
Preferred Suite EPO	92082VT004	92082VT00400	983
Preferred Suite HDEPO	92028VT006	92082VT00600	1012
Preferred Suite PPO	92082VT005	92082VT00500	1

Trend Factors: 

FORMS: * 

New Policy Forms: VT 2 EPO COC, VT 2 HDEPO COC

Affected Forms for Closed Blocks:

Other Affected Forms:

REQUESTED RATE CHANGE INFORMATION: 

Change Period: * Annual

Member Months: * 29674

Benefit Change: * Increase


Percent Rate Change Requested: Min: 5.8% Max: 5.8% Weighted Avg.: 5.8%

PRIOR RATE: 

Total Earned Premium: * 9863639

Total Incurred Claims: * 8196684

Annualized PMPM \$: Min: * \$ 298 Max: * \$ 564.78 Weighted Avg.: * \$ 412.01

REQUESTED RATE: 

Projected Earned Premium: * 10431677

Projected Incurred Claims: * 8470522

Annualized PMPM \$: Min: * \$ 313.23 Max: * \$ 597.65 Weighted Avg.: * \$ 435.74

State: VermontGMCB Filing Company: MVP Health Insurance Company
 TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
 Product Name: VT LG HIC 1Q 2Q 2018
 Project Name/Number: /

Post Submission Update Request Processed On 10/19/2017

Status: Allowed
 Created By: Eric Bachner
 Processed By: Sebastian Arduengo
 Comments: Post-submission update to maintain VEHD2-41 QHDHP status.

Company Rate Information:

Company Name:MVP Health Insurance Company

Field Name	Requested Change	Prior Value
Overall % Indicated Change	5.700%	5.800%
Overall % Rate Impact	5.700%	5.800%
Written Premium Change for this Program	\$563615	\$568038
Written Premium for this Program	\$10427256	\$10431677
Minimum %Change (where required)	4.600%	5.800%

Product: NEW
 Product Name Preferred Suite EPO
 HIOS Product ID 92082VT004
 HIOS Submission ID 92082VT00400
 Number of Covered Lives 983

Product: NEW
 Product Name Preferred Suite HDEPO
 HIOS Product ID 92028VT006
 HIOS Submission ID 92082VT00600
 Number of Covered Lives 1012

Product: NEW
 Product Name Preferred Suite PPO
 HIOS Product ID 92082VT005
 HIOS Submission ID 92082VT00500
 Number of Covered Lives 1

REQUESTED RATE CHANGE INFORMATION:

Min: 4.600 5.800
 Weighted Avg.: 5.700 5.8

REQUESTED RATE:

Projected Earned Premium: 10,427,256.000 10,431,677.000
 Projected Incurred Claims: 8,466,932.000 8,470,522.000
 Weighted Avg.: 435.560 435.740

SERFF Tracking #:

MVPH-131148723

State Tracking #:

Company Tracking #:

State: VermontGMCB **Filing Company:** MVP Health Insurance Company
TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
Product Name: VT LG HIC 1Q 2Q 2018
Project Name/Number: /

Rate Information

Rate data applies to filing.

Filing Method: SERFF
Rate Change Type: Increase
Overall Percentage of Last Rate Revision: -11.100%
Effective Date of Last Rate Revision: 01/01/2017
Filing Method of Last Filing: SERFF

Company Rate Information

Company Name:	Company Rate Change:	Overall % Indicated Change:	Overall % Rate Impact:	Written Premium Change for this Program:	Number of Policy Holders Affected for this Program:	Written Premium for this Program:	Maximum % Change (where req'd):	Minimum % Change (where req'd):
MVP Health Insurance Company	Increase	5.700%	5.700%	\$563,615	16	\$10,427,256	5.800%	4.600%

State: VermontGMCB Filing Company: MVP Health Insurance Company
 TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO
 Product Name: VT LG HIC 1Q 2Q 2018
 Project Name/Number: /

Rate Review Detail

COMPANY:

Company Name: MVP Health Insurance Company
 HHS Issuer Id: 92082

PRODUCTS:

Product Name	HIOS Product ID	HIOS Submission ID	Number of Covered Lives
Preferred Suite EPO	92082VT004	92082VT00400	983
Preferred Suite HDEPO	92028VT006	92082VT00600	1012
Preferred Suite PPO	92082VT005	92082VT00500	1

Trend Factors:

FORMS:

New Policy Forms: VT 2 EPO COC, VT 2 HDEPO COC
 Affected Forms:
 Other Affected Forms:

REQUESTED RATE CHANGE INFORMATION:

Change Period: Annual
 Member Months: 29,674
 Benefit Change: Increase
 Percent Change Requested: Min: 4.6 Max: 5.8 Avg: 5.7

PRIOR RATE:

Total Earned Premium: 9,863,639.00
 Total Incurred Claims: 8,196,684.00
 Annual \$: Min: 298.00 Max: 564.78 Avg: 412.01

REQUESTED RATE:

Projected Earned Premium: 10,427,256.00
 Projected Incurred Claims: 8,466,932.00
 Annual \$: Min: 313.23 Max: 597.65 Avg: 435.56

SERFF Tracking #:

MVPH-131148723

State Tracking #:

Company Tracking #:

State: VermontGMCB

Filing Company:

MVP Health Insurance Company

TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO

Product Name: VT LG HIC 1Q 2Q 2018

Project Name/Number: /

Supporting Document Schedules

Satisfied - Item:	Actuarial Memorandum
Comments:	
Attachment(s):	VT Experience Rated Addendum - 1Q 2018.pdf Impact of Membership Growth_Decline on Experience Pd Claims.xlsx Impact of Membership Growth_Decline on Experience Pd Claims.pdf 1Q 2018 ACT MEMO HIC Large Group.pdf 1Q 2018 Experience Rating Formula Filing Exhibits A&B - Vermont.pdf Appendices A- C - 1Q 2018.pdf Rolling 12 Medical and Rx Data - LG HIC.xlsx Rolling 12 Medical and Rx Data - LG HIC.pdf MVP Health Care - Experience Formula effective 1.1.18_VT.pdf VT LG HIC Q1 & Q2 2018 Rate Filing SERFF v2.xlsx VT LG HIC Q1 & Q2 2018 Rate Filing SERFF v2.pdf
Item Status:	
Status Date:	
Bypassed - Item:	Actuarial Memorandum and Certifications
Bypass Reason:	N/A
Attachment(s):	
Item Status:	
Status Date:	
Satisfied - Item:	Civil Union Rating Requirements
Comments:	MVP's forms comply with 8 V.S.A. § 4724.
Attachment(s):	
Item Status:	
Status Date:	
Bypassed - Item:	Consumer Disclosure Form
Bypass Reason:	N/A
Attachment(s):	
Item Status:	
Status Date:	
Satisfied - Item:	Filing Compliance Certification
Comments:	
Attachment(s):	Certification of Compliance - VT.pdf

SERFF Tracking #:

MVPH-131148723

State Tracking #:**Company Tracking #:****State:**

VermontGMCB

Filing Company:

MVP Health Insurance Company

TOI/Sub-TOI:

H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO

Product Name:

VT LG HIC 1Q 2Q 2018

Project Name/Number:

/

Item Status:	
Status Date:	

Bypassed - Item:	Third Party Filing Authorization
Bypass Reason:	N/A
Attachment(s):	
Item Status:	
Status Date:	

Bypassed - Item:	Unified Rate Review Template
Bypass Reason:	N/A
Attachment(s):	
Item Status:	
Status Date:	

Satisfied - Item:	Response to Objection Letter #1
Comments:	Please see the attachments for MVP's response to L&E Objection Letter #1.
Attachment(s):	Response to 1Q 2018 VT LG HIC Objection .pdf Support for L&E Objection #1 REDACTED.pdf Support for L&E Objection #1 REDACTED.xlsx
Item Status:	
Status Date:	

Satisfied - Item:	Response to Objection Letter #2
Comments:	
Attachment(s):	Response to 1Q 2018 VT LG HIC Objection #2.pdf
Item Status:	
Status Date:	

SERFF Tracking #:

MVPH-131148723

State Tracking #:

Company Tracking #:

State:

VermontGMCB

Filing Company:

MVP Health Insurance Company

TOI/Sub-TOI:

H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO

Product Name:

VT LG HIC 1Q 2Q 2018

Project Name/Number:

/

Attachment Impact of Membership Growth_Decline on Experience Pd Claims.xlsx is not a PDF document and cannot be reproduced here.

Attachment Rolling 12 Medical and Rx Data - LG HIC.xlsx is not a PDF document and cannot be reproduced here.

Attachment VT LG HIC Q1 & Q2 2018 Rate Filing SERFF v2.xlsx is not a PDF document and cannot be reproduced here.

Attachment Support for L&E Objection #1 REDACTED.xlsx is not a PDF document and cannot be reproduced here.

MVP Health Insurance Company (“MVPHIC”) Experience Rated Addendum – 1Q/2Q 2018 Effective Dates

This document is an Addendum to MVP’s 1Q/2Q 2018 Manual Rate Filing and Experience Rating Formula for products sold to employer groups with 100 or more employees in the State of Vermont under MVP’s HIC license. This addendum and its appendices outline the rating factors discussed in the Experience Rating Formula. These factors are being filed as an addendum to the Manual Rate and Formula filings so they can be updated as deemed necessary by MVP without having to re-file the rating methodology.

Whenever possible, the rating factors contained herein will be based on actual MVP experience or they will be normalized to MVP’s population.

BASE MANUAL RATES

Please see Exhibits 4a (base manual rates), 4b (medical riders), and 4c (Rx riders) of the accompanying manual rate filing for the net PMPMs of plans and riders being offered by MVP for 1Q/2Q 2018 effective dates.

SIC FACTORS

The industry factors in Appendix A will be applied to the manual rates based on the employer’s industry.

DEMOGRAPHIC FACTORS

To more closely resemble the health risk of the employer’s insured population, the manual pure premium will be adjusted to reflect differences in the demographic characteristics of a specific employer group compared to MVP’s community pool for the chosen product. This demographic factor will be applied to both the base rate and riders.

With respect to the employer specific experience rate, there may be a situation where MVP will be the sole health plan offering and be required to adjust the experience to reflect anticipated health characteristics of the entire group versus just MVP’s members who were enrolled in the previous year under a slice product offering. In this situation, MVP will develop a demographic factor relative of the entire group and compare that to the demographics of their existing employer membership.

The demographic factors are in Appendix B. A per member demographic factor is calculated as the weighted average subscriber age/sex factor / weighted average subscriber average contract size.

For members that are considered to have Medicare as their primary coverage, a downward adjustment factor will be applied to the member’s demographic factor to reflect the reduced claim liability. This factor is in Appendix B.

HRA/HSA DEDUCTIBLE FUNDING FACTORS

The additional risk charge applies when a group funds a plan deductible. The charge is intended to account for the anticipated increase in utilization of services due to the resulting ‘first dollar’ coverage provided. The manual rate adjustment factors are in Appendix C.

POOLING CHARGES

Each group is charged a pooling fee and fee-for-service medical and Rx claims above the applicable attachment point are removed from their claim data. The charge is based on the following table:

Pooling Level	2018 Pooling Charge
\$80,000	11.98%
\$85,000	11.11%
\$90,000	10.37%
\$100,000	9.16%
\$125,000	7.14%
\$150,000	5.75%
\$175,000	4.70%
\$200,000	3.94%
\$250,000	2.91%
\$300,000	2.16%
\$350,000	1.68%
\$400,000	1.26%
\$450,000	0.84%
\$500,000	0.52%

Group size will be considered when selecting the appropriate pooling charge. The max pool level is the maximum amount MVP will allow for a given group size:

Avg. Subscribers	Max Pool Level
Up to 299	\$100,000
300-499	\$150,000
500-999	\$200,000
1,000-1,499	\$250,000
1,500-2,499	\$350,000
2,500 and up	\$450,000

TREND FACTORS

The following trends are used to project historical experience of the group to the proposed rating period. Exhibit 1 and Exhibit 2 are developed by applying the appropriate pro-rated calendar year trend factors from the midpoint of the experience period to the midpoint of the rating period. Paid trends are calculated by multiplying the applicable allowed trend times the leveraging factor.

Year	Allowed Medical Trend	Pharmacy Trend
2016	1.7%	14.6%
2017	2.7%	10.7%
2018	3.3%	12.8%
2019 & Beyond	3.4%	13.0%

Annual Leveraging Factor	0.4%
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NETWORK ADJUSTMENT FACTOR

This adjustment reflects changes with respect to the differences in network providers, contractual provider reimbursement rates, the degree of medical management for MVP versus other carriers, gatekeeper versus no gatekeeper, and referral versus open access. For those accounts enrolled in MVP, this factor will primarily represent differences in provider contractual arrangements. If the experience is coming from another carrier, the adjustment may reflect all of the items above. MVP will make every effort to develop actuarial adjustments that properly determine the appropriate factor to reflect the expected experience of the group.

The development of such a factor will be documented in the underwriter's group file and will be made available to in Insurance Department's actuaries and/or examiners on request.

BENEFIT ADJUSTMENT FACTOR

The purpose of the benefit adjustment is to reflect any difference between the benefits inherent in the group's historical claims experience period and the group's expected benefit plan for the prospective benefit period. This includes medical benefits and pharmacy benefits.

Based on filed manual rates, the underwriter will determine the value of the benefit adjustment factor by analyzing the actuarial equivalent difference in benefits. As it relates to a new group having experience from another carrier, the underwriter will use their best efforts to match up prior benefits to a currently filed benefit to determine the actuarial equivalent difference in benefits. In some cases, this may require interpolating between two manual rates, extrapolating from the filed manual rates, using other sources such as the Milliman USA guidelines, or other internal pricing models.

Other adjustments in this category may include benefit mandates. That is, mandated benefits that will be included in the future benefits, but not reflected in the group's experience.

The development of such a factor will be documented in the underwriter's group file and will be made available to in Insurance Department's actuaries and/or examiners on request.

PHARMACY REBATE FACTOR

Pharmacy rebates are received periodically. The pharmacy rebate factor of 0.79 is used to account for this reduction in pharmacy costs and reflects MVP's estimated pharmacy rebates received for 2018 dates of service. This reduction will only apply if the paid pharmacy claims do not already reflect pharmacy rebates. In the case where the employer group is not a MVP group, the underwriter will determine if the claims data provided includes or excludes rebates from the other carrier.

PERIOD WEIGHT

Period Weight is determined by the underwriter. The underwriters follow a general protocol for deriving the weights to apply for the Period Weight portion of the experience rating formula. Most groups are rated using 12 months of historical data and therefore, the period weights are not applicable. For the smaller of the large groups, the underwriter will consider extending the historical look back to 24 months if the data is available in order to provide a more stable block of data from which to do the rating. In these cases, the underwriter will generally give an 80% weight to the most recent 12 months of data and a 20% weight to the prior period of data. These weights may vary and could be 50% / 50% if the underwriter feels more weight should be given to the older data. This may be the case if the current 12 months are exceptionally higher or lower than the prior period.

CREDIBILITY WEIGHT

Based on MVP's product guidelines for offering a prospective experience rate, an employer must have (or project) a minimum of 100 eligible employees for the proposed rating period. However, consistent with industry rating practices, smaller sized experience rated groups should not be considered as producing 100% credible claims information. To protect the employer from significant rate fluctuation from year to year, MVP will be applying a credibility weight to the group's claim experience.

In determining a group's quoted rate, a weight will be given to the group's claims experience based on the number of member months in the experience period. The complement of the weight will be applied to the manual rate. The blended rate is one that will be quoted to the employer group. Below are the base credibility weightings:

Member Month Range	Credibility Factor
0 to 599	0%
600 to 2,400	20%
2,401 to 3,700	30%
3,701 to 4,900	40%
4,901 to 6,100	50%
6,101 to 7,300	60%
7,301 to 8,500	70%
8,501 to 9,700	80%
9,701 to 12,200	90%
12,201 and over	100%

These experience credibility weightings can be adjusted downward based on the underwriter's judgment in the following circumstances:

The employer group has provided less than 12 months of incurred claims data or data is not provided for all services or employees – Generally, a minimum of one full calendar year of incurred claims data for all populations and covered services included in the quote is desired to underwrite a case. In the event less than 12 months of data is available, the underwriter can adjust the credibility table downward, not to be less than 0%.

The employer group has had membership change by 50% or more since the experience period – With a significant membership change, the historical claims experience may no longer represent the group's current population. If the membership has changed by more than 50% from the experience period to the rating period, the underwriter may override the table above to reduce credibility downward, not to be less than 0%.

The most recent experience data provided is too old – Generally, from the mid-point of the experience period to the mid-point of the rating period should not be older than 24 months. If the more recent period of data is older than 24 months, the underwriter may adjust the credibility table downward, not to be less than 0%.

MVP may also make an upward adjustment to the table if the group has a favorable group risk assessment. The credibility percentage will never exceed 100%.

UNDERWRITING JUDGMENT/GROUP RISK ASSESSMENT

Underwriting judgment will be used by the underwriter in determining inputs to the rating formula or to modify the result depending on the circumstances of the case, the data available, or the quality of the available data.

Adjustments may be made due to items such as poor claim and enrollment experience data being presented for new groups, the group's claim trend being historically different than the averages, variability in claims experience, participation levels/group size changes, plan sponsor contribution levels, number of plan offerings, plan sponsor and covered population stability, and plan sponsor persistency. Adjustments may be both positive and negative, but will not be larger than 10% in either direction.

NETWORK ACCESS FEES AND OTHER FEES

MVP has a contracted network access fee with a rental network in the event a group has members that live outside of MVP's service area. The net access fee is \$0 PEPM for just those subscribers who live outside of the service area.

COVERED LIVES ASSESSMENT

This is a New York State assessment passed on to groups in premium rates. The 2018 rates have not been finalized but are assumed to be a 5% increase over 2017 rates.

Region	2017 Actual	
	Individual	Family
New York City	\$15.44	\$50.97
Long Island	\$5.26	\$17.37
Northern Metro	\$3.04	\$10.03
Northeastern	\$3.41	\$11.25
Utica/Watertown	\$0.76	\$2.50
Central	\$4.77	\$15.75
Rochester	\$8.98	\$29.63
Western	\$3.21	\$10.61

MVP will calculate the CLA with the group information that is available. For example, on a new business case, the number of single contracts by location may not be available. In that case, the CLA may have to be estimated based on the group's overall number single and family contracts and assume the same ratio exists in each region.

HCRA ASSESSMENT

This is another New York State assessment based on Hospital claims. A charge of 0.25% will be applied to the experience of new business quotes; this is consistent with the amount reflected in the manual portion of the rate.

RETENTION EXPENSES

Non-claim cost expenses must be added to the premium rates and can be per member per month (PMPM) charges, percent of paid claim charges, or percent of premium charges. The following tables reflect the retention loads:

Percent of Premium Retention:

General Administration = 9.7%

Bad Debt = 0.25%

Broker Loads = group specific

Percent of Premium Taxes/Fees:

Premium Tax = 2.0%

Contribution to Surplus = 2.0%

VT Vaccine Assessment = 0.5%

Insurer Tax = 2.0%

Percent of Paid Claim Surcharges:

VT Paid Claims Surcharge = 0.999%

PMPM Retention

PMPM = \$0

PMPM Taxes/Assessments:

Comparative Effectiveness Research Tax = \$0.21

EMPLOYER SPECIFIC PREMIUM RATES

The experience rating formula filing details the calculation of employer specific premium rates by using employer specific information. In the event the employer group cannot supply sufficient information to calculate employer specific conversion factors, the following community load ratios will be used:

- Single=1.0
- Double=2.0
- Family 2 tier=2.5
- Family 3 tier=2.6
- Family 4 tier= 2.8
- Parent Child 4 tier= 1.9

RETROSPECTIVE RATING

The risk charges for a group choosing to be rated retrospectively are outlined below:

(No DEFICIT CARRY FORWARD/80% SURPLUS REFUND FOR GROUPS 251+, 50% REFUND FOR GROUPS LESS THAN 251)

- Groups with 1,000+ enrolled subscribers = 1.020
- Groups with 251-999 enrolled subscribers = 1.020
- Groups with 51-250 enrolled subscribers = 1.020

MINIMUM PREMIUM FUNDING ARRANGMENTS

The following table shows the Claims Fluctuation Margin (CFM) available for groups of different sizes. The appropriate level of CFM will depend on the group’s size and risk assessment. Groups that are smaller with a higher risk assessment will have a higher CFM. Because of the risk involved with minimum premium funding, at the smaller group size, the underwriter will use judgment to determine if minimum premium funding is allowed.

Group Size	CFM
100-249	120%, 125%, or 130%
249-499	115%, 120%, or 125%
500-999	110%, 115%, or 120%
1,000+	105%, 110%, or 115%

NEW BUSINESS DISCOUNT

Due to the variances in information available for use in rating prospects, MVP is introducing the following additional adjustments to be used in developing new business proposals. The discount will apply to currently insured accounts that will offer MVP on a total replacement basis and have non-Medicare retiree enrollment of less than 5% of the total group enrollment.

Rate reduction of 5.0% will be applied if group meets the following criteria:

- *Demographic Factor <=1.10
- *Participation >70% of total employees being offered coverage
- *Employer Contribution > =50% of single rate of richest plan to all plans/tiers
- *Employer Deductible Funding not greater than 70% of the In-Network Deductible
- *One carrier prior 2 years
- *For accounts with <100 enrolled contracts quoted without claims data, documented incumbent Carrier Initial Renewal <12% (not from a rate cap)

Rate reduction of 8.0% will be applied if group meets the above list in addition to the following:

- *Employer Deductible Funding not greater than 50% of the In-Network Deductible
- *Enrollment decline of less than 15% in past 12 months
- *One carrier for prior 3 years

Discount Recovery:

Year 1 Discount	Year 2 Discount	Year 3 Discount
5.0%	3.5%	2.0%
8.0%	6.0%	4.0%

Employer groups will be required to provide documentation showing the criteria are met or sign an affidavit supporting the statement.

ACTUARIAL CERTIFICATION

I believe the rating factors described herein are consistent with industry norms, follows sound actuarial and underwriting principals, and the rating factors used and documented in the Experience Rating Addendum are reasonable relative to MVP's book of business and industry norms.

I have reviewed the provisions of Vermont Insurance Law. It is my opinion that this rating formula complies with the requirements of those provisions.



Eric Bachner, ASA
Senior Actuarial Analyst
MVP Health Care

Large Group HIC

% of Mbrshp 8.2% 8.2% 8.3% 8.3% 8.2% 8.2% 8.2% 8.2% 8.2% 8.2% 8.6% 8.7% 8.7%

Adjustment Factors by Deductible Level

Percent of Total Member Months

Deductible Level	Factors											
	1	2	3	4	5	6	7	8	9	10	11	12
\$0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
\$500	0.61	0.90	0.97	1.01	1.03	1.05	1.06	1.07	1.07	1.08	1.08	1.09
\$1,000	0.48	0.82	0.94	1.00	1.03	1.06	1.08	1.10	1.11	1.12	1.13	1.13
\$1,500	0.41	0.77	0.91	0.98	1.03	1.07	1.10	1.12	1.14	1.15	1.16	1.17
\$2,000	0.37	0.72	0.88	0.97	1.03	1.07	1.11	1.13	1.15	1.17	1.19	1.20
\$2,500	0.34	0.68	0.85	0.96	1.03	1.08	1.12	1.15	1.17	1.19	1.21	1.23
\$3,000	0.31	0.65	0.83	0.95	1.03	1.08	1.12	1.16	1.19	1.21	1.23	1.25
\$5,000	0.24	0.58	0.76	0.89	1.00	1.08	1.14	1.19	1.23	1.27	1.30	1.32

Deductible Level	Coverage Month											
	1	2	3	4	5	6	7	8	9	10	11	12
\$0	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.6%	1.6%	1.6%
\$500	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
\$1,000	1.0%	1.0%	1.1%	1.1%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
\$1,500	1.0%	1.0%	1.0%	1.0%	0.9%	1.0%	1.0%	0.9%	1.0%	1.0%	1.0%	1.0%
\$2,000	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%
\$2,500	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.7%	2.7%	2.7%
\$3,000	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
\$5,000	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.7%	0.7%	0.7%	0.7%	0.7%	0.8%

Avg Policy Duration Factor 1.0050
Inverse of Factor 0.9950



ACTUARIAL MEMORANDUM

1Q/2Q 2018 Large Group AR42 Manual Rate and Addendum Filing

Purpose of Filing

The purpose of this filing is to demonstrate the development of manual rates in support of MVP Health Insurance Company's (MVP) Large Group AR42 product portfolio and seek approval of the manual rates and factors used to develop group specific premium rates. The premium rates included in this filing are for group effective dates between 1/1/2018 and 6/30/2018. The rates are effective for 12 months. This rate filing has been prepared to satisfy the requirements of 8 V.S.A § 5104 and is not intended to be used for other purposes.

Scope of Filing

As of May 2017, there are 1,995 members enrolled in Large Group AR42 plans. Of these members, 1,682 (12 groups) have a 1st quarter renewal and 166 (2 groups) have a 2nd quarter renewal

The overall projected annual revenue change for 1Q 2018 is 5.8% and is driven by three factors which are described below.

- Manual Rate Change: MVP is proposing a quarterly manual rate decrease of -3.1% which translates to an annual change of 4.8%.
- Age/Gender Table Normalization: The average age/gender factor of the population in this experience period compared to the prior filing is 1.001. When combined with the normalization from the prior filing, the annual change to the age/gender factor results in a revenue decrease of -1.4%. MVP is dividing all of the current age/gender factors by this amount (1.001) which is actuarially equivalent to normalizing the claim projection by the same factor. The normalized age/gender table is included in Appendix B of the file, "Appendices A-C – 1Q 2018.xlsx".
- Change in Target Loss Ratio: MVP is decreasing its target loss ratio from 83.1% in the 1Q 2017 filing to 81.2% for this rate filing which is increasing the overall revenue change by an additional 2.4%. The driver of this reduction is the inclusion of the ACA insurer tax load of 2.0% of premium for 2018 and future dates of service.

Please see the following table for a derivation of the overall revenue change for 1Q and 2Q 2018.

Derivation of Annual Revenue Change Based on Quarterly Rate Changes								
	2Q '17 / 1Q '17	3Q '17 / 2Q '17	4Q '17 / 3Q '17	1Q '18 / 4Q '17	2Q '18 / 1Q '18	1Q '18 Annual Increase	2Q '18 Annual Increase	
Manual Rate Changes	1.6%	4.6%	1.8%	-3.1%	1.4%	4.8%	4.6%	
						Average Manual Rate Change for LG HIC Block	4.8%	4.6%
						Age Gender Table Normalization	-1.4%	-1.4%
						Impact of Changes in Target Loss Ratio	2.4%	1.4%
						Proposed Annual Revenue Change	5.8%	4.7%

Experience Period Claims

Large group AR42 claims incurred between January 2016 and December 2016, paid through May 2017 were the basis of MVP's rate analysis. Groups with 51-100 employees were excluded from the analysis as they will not be enrolling in these products in 2018. Fee-for-service (FFS) medical and pharmacy claims were projected to the 1Q 2018 rating period by applying 24 months of trend to the experience period data. The capitation and non-FFS costs included in the rate development represent MVP's best estimate of these costs during the rating period.

Pooling Charge

To account for volatility in high cost claims, claims in excess of \$100,000 are being removed from the claim projection and replaced by a pooling charge. The pooling charge of 9.16% is equal to the \$100,000 pooling charge included in MVP's LG Addendum which is included with this SERFF submission. For a summary of the high cost claim ratio in recent time periods, please refer to the attached file, "Rolling 12 Medical and Rx Data - LG HIC".

IBNR Factor

As previously stated, MVP has used claim data with five months of paid claim runout. We have completed the claims using an IBNR factor of 0.6% which also reflects five months of runout. MVP uses a combined trended PMPM and completion factor method to determine IBNR. Please see the following table comparing incurred and paid claim amounts by month for the experience period. Please note that this IBNR model is not exclusive to this block of business, so the paid and incurred claim amounts will not tie out to the experience in the filing.

Incurred Month	Paid Claims	Incurred Claims	IBNR Factor
201612	\$1,150,853	\$1,176,415	1.022
201611	\$1,662,981	\$1,688,418	1.015
201610	\$1,580,336	\$1,597,066	1.011
201609	\$1,523,147	\$1,534,341	1.007
201608	\$1,614,656	\$1,622,550	1.005
201607	\$1,403,624	\$1,407,605	1.003
201606	\$1,580,654	\$1,583,110	1.002
201605	\$1,463,304	\$1,464,778	1.001
201604	\$1,405,911	\$1,406,728	1.001
201603	\$1,509,683	\$1,510,239	1.000
201602	\$1,158,722	\$1,158,964	1.000
201601	\$1,342,814	\$1,342,951	1.000
Total	\$17,396,685	\$17,493,165	1.006

Development of Manual Rate Increase

Exhibit 3a demonstrates the development of the proposed 1st quarter rate action. FFS medical claims completed with IBNR and adjusted for the pooling charge are projected to the rating period. An adjustment to the claim projection is made to account for New York's HCRA Surcharge. The New York HCRA Surcharge included in the claim projection is based only on claims paid for services performed by New York hospitals. The load for this surcharge equals 0.25% and is based on historical HCRA fees incurred by Vermont members.

Experience period Rx claims are adjusted for pooling and projected to the rating period. MVP has received 2018 forecasted Rx rebate information from its PBM which is reflected in the projected Rx rebate calculation. Separate rebate per script information has been provided for brand and specialty drugs. These amounts were applied to MVP's projection period brand and specialty script utilization to obtain a PMPM estimate of the rebates in the projection period and equals \$14.94 PMPM for 1Q 2018 renewals and \$14.98 PMPM for 2Q 2018 renewals.

Between the 2018 VT Exchange filing submitted by MVP and the current filing, we were made aware that a new regulation regarding the use of statins for the prevention of cardiovascular disease (CVD) in adults which will go into effect in November 2017. The United States Preventive Service Task Force has given low- and moderate-dose statins a grade of “B” when prescribed to adults aged 40 to 75 with no prior history of CVD but evidence of risk factors. This means that it will become mandatory that carriers cover these drugs in full with no member cost sharing. Because these drugs were previously covered by MVP but with the applicable member cost sharing applied, an adjustment needs to be made to the experience period data to reflect the removal of cost sharing. MVP has estimated the cost sharing during the experience period based on member’s age and a lack of a CVD diagnosis, and the result was a \$0.35 PMPM increase to the experience period pharmacy incurred claims. This has been reflected in line 8c of Exhibit 3a in the rate filing.

Non-FFS claim expenses and capitation expenses are added to the claim projection. Please see the following table for a summary of non-FFS and capitation expenses reflected in MVP’s rate development for this filing.

Summary of Capitations and Non-FRDM Claim Expenses	
Other Medical Expense not in warehouse	\$2.27
ASH Cap	\$0.30
ACRH Payments	\$0.45
Net Reinsurance Expense	\$0.21
Medical Home and PCP Incentive	\$2.06
18 V.S.A § 9374(h) Billback	\$1.14
Retrospective Rating	\$4.04
Total	\$10.47

The expected non-FFS medical expenses added to the claim projection reflect costs associated with net reinsurance expense, PCP incentive payments and Medical Home, and other miscellaneous MVP claim expenses not included in the historical experience period data such as manual checks and Massachusetts surcharges. The Other Medical Expense data is comprised of a 3-year average of data for all Vermont group sizes and companies (MVPHP and MVPHIC) in order to minimize random variation in this block of business.

MVP offers a retrospective rating product to its large group customers in VT. For 2016 dates of service, MVP made payments back to groups under this arrangement and is reflecting the associated expense in its manual rate development. Because of this, MVP is proposing to increase the risk charge for retrospective rating in the addendum as well as include the value of these payments in the manual rates. MVP is adding the difference between the actual payments to groups during the experience period and the premium assumed to be collected via the updated risk charge which amounts to \$4.04 PMPM. If MVP did not reflect this additional expense in its manual rates, MVP would not reach its target loss ratio for the block.

Finally, adjustments are made to the projected net claims cost to account for average industry factor and the impact of membership changes over the experience period.

The industry normalization factor shown on Exhibit 3a was computed using MVP’s census over the experience period along with the industry factors included in Appendix A of the file, “Appendices A-C – 1Q 2018.xlsx” which is included with this SERFF submission. MVP is not proposing changes to these factors for 1Q 2018. Because MVP is deriving its proposed rate increase from the 4Q 2017 manual rates which reflects an industry factor equal to 1.00, claim costs must be adjusted to be on a 1.00 basis as well. Over the experience period, the average industry factor was 1.003. To neutralize the impact of this factor on the required rate change, MVP is multiplying the 1Q 2018 claim projection times the reciprocal of this factor.

MVP is also making an adjustment to the claim projection for the impact of membership not representing a full 12-month contract over the experience period. Because deductibles are present in most these products, paid claims are suppressed in the early months of a member's contract and are higher than average in later contract months. Therefore, if the experience period membership is not evenly distributed by contract month, an adjustment to the claim costs should be made to reflect the expected claim costs for a 12-month contract period.

To determine the adjustment factor for the experience period claims cost, MVP used deductible suppression factors which were developed by analyzing commercial claims for members with 12 months of medical and Rx benefit coverage. MVP assumed that allowed claims were uniformly distributed by month and determined the expected paid claim cost for a given month relative to the average paid amount for 12 months. Factors were developed for a number of different deductible levels, and MVP split its experience period membership by these deductible levels to compute the appropriate adjustment factors. This adjustment factor equals 0.995 and can be found in Exhibit 3a. A quantitative derivation of this factor can be found in the file, "Impact of Membership Growth_Decline on Experience Pd Claims".

To arrive at the data suggested quarterly rate change for 1Q 2018, the normalized net claim projection is compared to the 4Q 2017 manual rate that would be collected for the experience period enrollment to indicate the suggested quarterly manual rate change.

MVP has also developed 2Q 2018 manual rates for this rate filing. Please see Exhibit 3b which is identical to Exhibit 3a except for the fact that one additional quarter of 2019 trend (assumed to be equal to 2018 trend) has been applied to the experience period claims. Comparing the 2Q 2018 projected claims to the 1Q 2018 claim projection determines the quarterly manual rate change.

Medical Trend Factors

The development of annual medical paid claim trend factors for 1Q 2018 is illustrated in Exhibit 2a. MVP has performed regression analysis on its historical data which indicates that a positive utilization trend is justified and necessary to reflect an increase in the number of services being performed over time. The assumed unit cost trends reflect known and assumed price increases from MVP's provider network as of the filing date.

As stated previously, MVP analyzed historical utilization patterns to determine whether a utilization trend is justifiable. Claims were aggregated from MVP's historical business in Vermont, including ACA Compliant Small Group and Individual and non-ACA Compliant Large Group and Small Group business, for the time period January 2014 to December 2016. For purposes of this analysis, a service is counted as a unique member plus date of service combination (with the exception of Inpatient services, which are measured in length of stay in days). Services are bucketed into Inpatient, Outpatient, or Physician based on the place of service. Raw Utilization data was completed with IBNR factors and normalized for changes in age over time.

The data was then aggregated by rolling twelve-month time periods over the 36 months (providing 25 rolling twelve month periods to analyze). MVP has seen flat to negative utilization trends over the course of earlier time periods, however there is an increase in utilization over the recent time period (rolling twelve-month ending dates of December 2015 and forward). Therefore, MVP made the December 2015 end date as its starting period for its regression analysis.

MVP plotted utilization against a numeric indicator (with rolling twelve ending December 2015 as 1 and increasing by 1 each month) and fit these points with a logarithmic line of best fit. MVP chose a logarithmic curve because of its tendency to have a reduced slope over time. The curves were tested using R-squared analysis. After performing this analysis, MVP determined that the R-squared of the Inpatient data was not high enough to justify that utilization was increasing over time, but the Outpatient and Physician lines did justify the use of a trend.

MVP calculated the Outpatient and Physician utilization trends by comparing the output of the logarithmic curve at time period 13 (the experience period) to the output at time period 37 (the rating period). This trend was then annualized and appears in Exhibit 2A (1.0% annually for Outpatient and 0.4% annually for Physician). Please see the attached file, "Utilization Data VT 1Q 2Q 2018 SERFF.xlsx", for this utilization data and a detail of the calculations used to determine these trends.

The assumed unit cost trends reflect known and assumed price increases from MVP's provider network. The 2018 unit cost trends for VT hospitals reflect the budgets proposed by each hospital back to the Green Mountain Care Board. Please see Exhibit 2A for the unit cost trends by claim category by year. MVP has assumed that the 2019 annual trend applied to 2Q 2018 renewals is equal to the 2018 annual trend.

In addition to the medical cost inflation rate assumed from the historical experience period to the rating period, an adjustment is needed to reflect the impact of cost share leveraging on the carrier's share of the medical cost. Leveraging is a result of the fixed nature of deductibles and copays in health benefit plans. When there are fixed member deductibles and copays, the carrier bears a greater portion of the cost of medical inflation. Therefore, an additional factor adjustment is made to the trend assumption to capture this cost.

The trend applied to the deductible portion of the experience period was derived using the distribution of claims for MVP's VT book of business. Claims below the average deductible amount over the experience period were trended at the applicable allowed trend rate while claims greater than the deductible were held flat.

Also included in this filing is a paid trend development exhibit for 2Q 2018. Please see Exhibit 2e which is identical to Exhibit 2a except there is one more quarter of trend reflected in the calculation.

Rx Trend Factors

Annual Rx trend factors split by generic, brand and specialty drugs are illustrated in Exhibit 2a. These trend factors were supplied by MVP's pharmacy benefit manager (PBM) and reflect their best estimate of expected changes to pharmacy costs and drug utilization, given MVP's data as a starting point. Supporting documentation illustrating how the Rx trends shown on Exhibit 2a were converted to paid trends for 1Q 2018 can be found in Exhibit 2b.

MVP has revised its trend forecasts from the previous version of this filing to reflect changes in the underlying utilization patterns as well as updated unit cost increases provided by MVP's PBM. The PBM has provided trends for 2017 and 2018. The trend forecast provided by MVP's PBM accounts for drugs coming off patent, changes in average wholesale price, new drugs being released to the market, and price competitiveness amongst generic and brand drug manufacturers. Please see the following tables which display MVP's pharmacy trends in this filing and the previous version of this filing.

Rx Trends Used in 3Q 2017 MVP VT Large Group Filing						
	2016 Trend		2017 Trend		2018 Trend	
	Unit Cost	Utilization	Unit Cost	Unit Cost	Unit Cost	Utilization
Generic	-13.6%	4.7%	-1.9%	2.5%	0.1%	3.2%
Brand	8.9%	-5.4%	13.7%	-0.4%	13.8%	0.1%
Specialty	32.8%	6.1%	15.4%	6.7%	12.3%	7.3%

Rx Trends Used in 1Q 2018 MVP VT Large Group Filing

	2017 Trend		2018 Trend		2019 Trend	
	Unit Cost	Utilization	Unit Cost	Unit Cost	Unit Cost	Utilization
Generic	-4.1%	2.9%	1.3%	3.3%	1.3%	3.3%
Brand	13.9%	1.5%	13.8%	-1.0%	13.8%	-1.0%
Specialty	6.8%	6.7%	8.6%	7.3%	8.6%	7.3%

Please see the attached file, "Rolling 12 Medical and Rx Data - LG HIC.xlsx" which contains a rolling 12 month summary of total Rx claim costs as well as Rx data broken out by Generic, Brand, and Specialty.

Also included in this filing is a paid trend development exhibit for 2Q 2018. Please see Exhibit 2f which is identical to Exhibit 2b except there is one more quarter of trend reflected in the calculation.

Retention Expenses

Retention expenses are outlined in the attached Addendum. The following table represents MVP's Large Group administrative expenses as filed in the Supplemental Health Care Exhibit over the past four years:

Administrative Expense Summary - Data Taken from Supplemental Health Care Exhibit

	VT Large Group - AR42 & AR44			Admin Expense Ratio
	Member Months	Premium PMPM	Admin PMPM	
2013	118,563	\$363.04	\$39.18	10.8%
2014	97,084	\$404.11	\$38.31	9.5%
2015	68,766	\$432.06	\$34.13	7.9%
2016	37,858	\$450.19	\$36.77	8.2%

Admin PMPM reflects the following lines from Part I of the SHCE: 6.6, 8.3, 10.1, and 10.4

Changes have been made to the following retention items since the 1Q 2017 filing:

- Covered Lives Assessment: The 2017 covered lives assessment has been finalized by New York State. MVP has included the updated amounts in the addendum and have also assumed a 5% increase in the assessment for 2018. This assessment is only applied to subscribers residing in NY which is consistent with the way the fee is charged.

The following taxes/assessments are included in the attached Addendum:

ACA Insurer Tax

Since 2014, carriers have been taxed based on earned premium. After a one year moratorium, the fee has been reinstated for 2018 and beyond. The tax is based on MVP's share of 2017 nationwide revenue relative to the total tax liability collected by the Federal Government. Using this information, MVP estimates the tax will be 2.0% of premium.

VT Paid Claim Tax

The State of Vermont charges a 0.999% tax on paid claims.

Comparative Effectiveness Research Fee

This is a prescribed Federal fee equal to \$0.21 PMPM to fund the Federal Research Fund. This fee is increased by \$0.01 PMPM to reflect updated medical cost inflation information from the Internal Revenue Service.

VT Vaccine Pilot

This is a Vermont state assessment based on plan premiums which is used to fund immunizations provided by the state. This assessment has been maintained at 0.5% of premium for this filing based on 2Q 2017 assessments from the State of Vermont for the Kids Vax program.

Loss Ratio Information

The traditional target loss ratio (claims cost / premium) for the rates proposed in this rate filing is 81.2%. After making adjustments for taxes/assessments and expenses associated with quality improvements, the Federal target loss ratio for the rates proposed in this filing is 86.1%. Please see the following table for more detail:

Target Loss Ratio for LG AR42 in 1Q 2018	
	Large Group AR42
A) Claims Expense	\$378.01
B) Taxes/Assessments	\$21.16
C) Quality Improvement	\$4.52
D) Premium	\$465.50
E) Traditional Loss Ratio = A) / D)	81.2%
F) Federal Loss Ratio = [A) + C)] / [D) - B)]	86.1%

MVP did not rebate customers for its Large Group AR42 VT block in 2015 or 2016. After making adjustments for taxes/assessments and expenses associated with quality improvements, the statutory Federal loss ratio used to determine if this block is in a rebating situation for 2016 is 91.1%.

Supplemental Exhibits

Also included with this filing is a historical claim and membership summary for the past 36 months grouped into rolling 12 month periods. Incurred claims from January 2014 – December 2016 completed through May 2017 are reflected in the data. Note the data represented in these files excludes the 51-100 block.

Retired/New Products

MVP filed a new Certificate of Coverage (COC) for its MVPHIC Large Group portfolio effective 1/1/2018. Accompanying this, MVP has retired all of the previous medical coplan, medical rider, and pharmacy names and replaced them with new names. Note that the benefits covered have not changed so no adjustments are required for switching to the new COC. On Exhibits 1 and 4a – 4c of the filing, there are 2 columns shown for every item: the first is the name under the new COC and the second is the name it previously filed under.

The following plans are being retired effective 1/1/18: VE088L, VE108L, VE109L, VE114L, VE115L, VP015L, VP017L, VP020L, VT08LA, VT08LB, VT08LC, VEHD-31L, VPHD-09L. All of these plans have no membership enrolled in them as of May 2017. The Safe Harbor riders associated with VEHD-31L is also being retired (VHD510-v). MVP is also removing the following riders from the filings as they are no longer eligible to be purchased: VHD510-ad, V341L, V342L, VHD341L, VHD342L.

MVP is offering three new products to this market effective 1/1/18: VE2-118, VE2-119, and VEHD2-51. MVP utilized its proprietary benefit relativity model to value the benefits associated with the new plans compared to the following current plans on file: VE117L and VEHD-50L. The manual rates for these new plans have been calculated as: [Net Required Revenue PMPM of comparison plan] / [benefit relativity of comparison plan] * [benefit relativity of new plan]. In addition, MVP is filing a Safe Harbor rider accompanying VEHD2-51, VHD510-al. MVP is offering a new medical rider for 2018: VHD2-346. This rider covers an annual eye exam in full and is applicable to MVP's high deductible products. MVP offers the same benefit with its non-high deductible benefits, and the price was determined to be equivalent to this rider, V2-310. Also, please note MVP erroneously removed two riders (V356 and VHD356L) from a previous filing. Because they were never formally retired, we have included them in this filing and calculated the price using the quarterly manual increases from the last time the product was included in the rate filing (4Q 2016).

Actuarial Certification

I, Eric Bachner, am an Associate of the Society of Actuaries. I have examined the assumptions and methods used in determining MVP's requested rates. Based on my review and examination, it is my opinion that the proposed premium rates are reasonable in relation to the benefits provided and that they are not excessive, inadequate, nor unfairly discriminatory. This rate filing conforms to the applicable Standards of Practice as promulgated by the Actuarial Standards Board.



Eric Bachner, ASA
Senior Actuarial Analyst
MVP Health Care

08/04/2017
Date

MVP Health Care - Large Group Experience Rating Formula

I. Case Information		Date:		Input	
Group Name:	Input	Effective Date:		Input	
Group #:	Input				
Marketing Rep:	Input				
Underwriter:	Input				
II. Manual Pure Premium Calculation		Medical w/ Non-Pharmacy Riders		Pharmacy	
1 - Manual Pure Premium	Addendum Value			Addendum Value	
2 - Industry Factor	Addendum Value			Addendum Value	
3 - Demographic Factor	Addendum Value			Addendum Value	
4 - Manual Group Risk Assessment	Addendum Value			Addendum Value	
5 - HRA/HSA Funding Load Factor	Addendum Value			Addendum Value	
6 - Adjusted Manual Pure Premium	$1 \times 2 \times 3 \times 4 \times 5$			$1 \times 2 \times 3 \times 4 \times 5$	
				Total PMPM	
III. Experience Pure Premium Calculation					
Experience Period Start Date	Input			Input	
Experience Period End Date	Input			Input	
Paid Through Date	Input			Input	
Midpoint of Experience Period	Input			Input	
Product Reflected in Experience	Input			Input	
Product in the Rate Quote	Input			Input	
Member Months	Input			Input	
Out-of-Area Subscribers	Input			n/a	
Claims Information					
1 - Date of Service Paid Claims	Input			Input	
2 - Composite Completion Factor Adjustment	Input			Input	
3 - Incurred Claims	1x2			1x2	
4 - Other non fee for service medical expenses	Input			n/a	
5 - Pooling Level (PL)	Addendum Value			Addendum Value	
6 - Actual Large Claims (Excess Over PL)	Input			Input	
7 - Pharmacy Rebate Factor	n/a			Addendum Value	
8 - Incurred Claims Less Large Claims	3+4-6			$(3 - 6) * 7$	
9 - Trend Factor to MP of Projection Period	Addendum Value			Addendum Value	
10 - Trended Net Claims	8x9			8x9	
11 - Trended pmpm Net Claims	10 / membermonths			10 / membermonths	
Experience Adjustments					
12 - Demographic Adjustment (Carrier Replacement Only)	Addendum Value			Addendum Value	
13 - Prior Period Adjustment, if applicable	Value from Exhibit B			Value from Exhibit B	
14 - Network Adjustment Factor	Addendum Value			n/a	
15 - Benefit Adjustment	Addendum Value			Addendum Value	
16 - Pooling Charge %	Addendum Value			Addendum Value	
17 - Adjusted pmpm Net Claims	$product(11 \text{ thru } 15) \times (1+16)$			$product(11 \text{ thru } 15) \times (1+16)$	
18 - Covered Lives Assessment	Addendum Value			n/a	
19 - Indigent Care	Addendum Value			n/a	
20 - Experience Pure Premium	$17 + 18 + 19$			17	
IV. Employer Specific Premium Rates		Total			
Blending the Manual Pure Premium and Experience					
1 - Adjusted Manual Pure Premium	6 From Section II				
2 - Experience Pure Premium	20 From Section III				
3 - Experience Credibility Weight	Addendum Value				
4 - Blended Pure Premium	$2x3 + 1x(100\%-3)$				
5 - Group Risk Assessment Factor	Addendum Value				
6 - New Business Discount	Addendum Value				
7 - Retrospective Financial Underwriting Factor	Addendum Value				
8 - Network Access Fee	Addendum Value				
9 - Retention Charges excluding Premium Tax	Addendum Value				
10 - Premium Taxes	Addendum Value				
11 - Group Required Pure Premium	$4x5x6x7+8+9+10$				
Premium Rate Development					
12 - Employer Specific Loading Factors	<u>Single</u> <u>EE/SP</u> <u>EE/Ch(ren)</u> <u>Family</u>				
13 - Final Premium Rates	Based on the Group's specific rate ratios/census				
	11 x 12	11 x 12	11 x 12	11 x 12	
V. Minimum Premium Funding		<u>Single</u> <u>EE/SP</u> <u>EE/Ch(ren)</u> <u>Family</u>			
1 - Final Premium Rates	From Section IV, line 13				
2 - Retention Rate	From Section IV., lines 9 + 10 x Employer Specific Loading Factors				
3 - Claims Liability Rate	1-2				
4 - Claims Fluctuation Margin	Addendum Value				
5 - Maximum Monthly Premium Liability	3X4				

MVP Health Care - Large Group Experience Rating Formula - Two Periods of Experience calculation

Group Name:	<input type="text" value="Input"/>	Date:	<input type="text" value="Input"/>
Group #:	<input type="text" value="Input"/>	Effective Date:	<input type="text" value="Input"/>
Marketing Rep:	<input type="text" value="Input"/>		
Underwriter:	<input type="text" value="Input"/>		

	Medical Claims		Pharmacy Claims	
	Period 1	Period 2	Period 1	Period 2
Experience Pure Premium Calculation				
Experience Period Start Date	<i>Input</i>	<i>Input</i>	<i>Input</i>	<i>Input</i>
Experience Period End Date	<i>Input</i>	<i>Input</i>	<i>Input</i>	<i>Input</i>
Paid Through Date	<i>Input</i>	<i>Input</i>	<i>Input</i>	<i>Input</i>
Midpoint of Experience Period	<i>Input</i>	<i>Input</i>	<i>Input</i>	<i>Input</i>
Product Reflected in Experience	<i>Input</i>	<i>Input</i>	<i>Input</i>	<i>Input</i>
Product in the Rate Quote	<i>Input</i>	<i>Input</i>	<i>Input</i>	<i>Input</i>
Member Months	<i>Input</i>	<i>Input</i>	<i>Input</i>	<i>Input</i>
Claims Information				
1 - Date of Service Paid Claims	<i>Input</i>	<i>Input</i>	<i>Input</i>	<i>Input</i>
2 - Composite Completion Factor Adjustment	<i>Input</i>	<i>Input</i>	<i>Input</i>	<i>Input</i>
3 - Incurred Claims	<i>1x2</i>	<i>1x2</i>	<i>1x2</i>	<i>1x2</i>
4 - Other non fee for service medical expenses	<i>Input</i>	<i>Input</i>	<i>n/a</i>	<i>n/a</i>
5 - Pooling Level (PL)	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>
6 - Actual Large Claims (Excess Over PL)	<i>Input</i>	<i>Input</i>	<i>Input</i>	<i>Input</i>
7 - Pharmacy Rebate Factor	<i>n/a</i>	<i>n/a</i>	<i>Addendum Value</i>	<i>Addendum Value</i>
8 - Incurred Claims Less Large Claims	<i>3+4-6</i>	<i>3+4-6</i>	<i>(3 - 6) * 7</i>	<i>(3 - 6) * 7</i>
9 - Trend Factor to MP of Projection Period	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>
10 - Regional Trend Adjustment Factor	<i>Addendum Value</i>	<i>n/a</i>	<i>Addendum Value</i>	<i>n/a</i>
11 - Trended Net Claims	<i>8x9x10</i>	<i>8x9x10</i>	<i>8x9x10</i>	<i>8x9x10</i>
12 - Trended pmpm Net Claims	<i>11 / membermonths</i>	<i>11 / membermonths</i>	<i>11 / membermonths</i>	<i>11 / membermonths</i>
Experience Adjustments				
13 - Demographic Adjustment (Carrier Replacement Only)	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>
14 - Network Adjustment Factor	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>
15 - Benefit Adjustment	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>
16 - Pooling Charge %	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>n/a</i>	<i>n/a</i>
17 - Adjusted pmpm Net Claims	<i>product(12 thru 15) x (1+16)</i>	<i>product(12 thru 15) x (1+16)</i>	<i>product(12 thru 15) x (1+16)</i>	<i>product(12 thru 15) x (1+16)</i>
Period Weight	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>	<i>Addendum Value</i>
Prior Period Adjustment Factor	<i>P1 and P2 Weighted Average line 17 / P1 line 17</i>		<i>P1 and P2 Weighted Average line 17 / P1 line 17</i>	

Appendix A

SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
111	Wheat	0.90
112	Rice	0.90
115	Corn	0.90
116	Soybeans	0.90
119	Cash Grains, NEC	0.90
131	Cotton	0.90
132	Tobacco	0.90
133	Sugarcane and Sugar Beets	0.90
134	Irish Potatoes	0.90
139	Field Crops, Except Cash Grains, NEC	0.90
161	Vegetables and Melons	0.90
171	Berry Crops	0.90
172	Grapes	0.90
173	Tree Nuts	0.90
174	Citrus Fruits	0.90
175	Deciduous Tree Fruits	0.90
179	Fruits and Tree Nuts, NEC	0.90
181	Ornamental Floriculture and Nursery Products	0.90
182	Food Crops Grown Under Cover	0.90
191	General Farms, Primarily Crop	0.90
211	Beef Cattle Feedlots	0.95
212	Beef Cattle, Except Feedlots	0.95
213	Hogs	0.95
214	Sheep and Goats	0.95
219	General Livestock, Except Dairy and Poultry	1.00
241	Dairy Farms	1.00
251	Broiler, Fryers, and Roaster Chickens	0.95
252	Chicken Eggs	0.95
253	Turkey and Turkey Eggs	0.95
254	Poultry Hatcheries	0.95
259	Poultry and Eggs, NEC	0.95
271	Fur-Bearing Animals and Rabbits	0.95
272	Horses and Other Equines	0.95
273	Animal Aquaculture	0.95
279	Animal Specialities, NEC	0.95
291	General Farms, Primarily Livestock and Animal Specialties	1.00
711	Soil Preparation Services	0.95
721	Crop Planting, Cultivating, and Protecting	0.95
722	Crop Harvesting, Primarily by Machine	0.95
723	Crop Preparation Services For Market, except Cotton Ginning	0.95
724	Cotton Ginning	0.95
741	Veterinary Services For Livestock	0.95
742	Veterinary Services for Animal Specialties	0.95
751	Livestock Services, Except Veterinary	1.00
752	Animal Specialty Services, Except Veterinary	0.95
761	Farm Labor Contractors and Crew Leaders	0.95
762	Farm Management Services	0.95
781	Landscape Counseling and Planning	0.90
782	Lawn and Garden Services	1.10
783	Ornamental Shrub and Tree Services	1.10
811	Timber Tracts	0.90
831	Forest Nurseries and Gathering of Forest Products	0.90
851	Forestry Services	0.95
912	Finfish	1.05
913	Shellfish	1.05

Appendix A

SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
919	Miscellaneous Marine Products	0.95
921	Fish Hatcheries and Preserves	0.95
971	Hunting and Trapping, and Game Propagation	0.95
1011	Iron Ores	1.15
1021	Copper Ores	1.15
1031	Lead and Zinc Ores	1.15
1041	Gold Ores	1.15
1044	Silver Ores	1.15
1061	Ferroalloy Ores, Except Vanadium	1.15
1081	Metal Mining Services	1.05
1094	Uranium-Radium-Vanadium Ores	1.15
1099	Miscellaneous Metal Ores, NEC	1.15
1221	Bituminous Coal and Lignite Surface Mining	1.15
1222	Bituminous Coal Underground Mining	1.15
1231	Anthracite Mining	1.15
1241	Coal Mining Services	1.15
1311	Crude Petroleum and Natural Gas	1.05
1321	Natural Gas Liquids	1.05
1381	Drilling Oil and Gas Wells	1.05
1382	Oil and Gas Field Exploration Services	0.95
1389	Oil and Gas Field Services, NEC	1.05
1411	Dimension Stone	1.15
1422	Crushed and Broken Limestone	1.15
1423	Crushed and Broken Granite	1.15
1429	Crushed and Broken Stone, NEC	1.15
1442	Construction Sand and Gravel	1.15
1446	Industrial Sand	1.15
1455	Kaolin and Ball Clay	1.15
1459	Clay, Ceramic, and Refractory Minerals, NEC	1.15
1474	Potash, Soda, and Borate Minerals	1.15
1475	Phosphate Rock	1.15
1479	Chemical and Fertilizer Mineral Mining, NEC	1.15
1481	Nonmetallic Minerals Services Except Fuels	1.05
1499	Miscellaneous Nonmetallic Minerals, Except Fuels	1.15
1521	General Contractors-Single-Family Houses	0.95
1522	General Contractors-Residential Buildings, Other Than Single-Family	1.00
1531	Operative Builders	1.00
1541	General Contractors-Industrial Buildings and Warehouses	1.00
1542	General Contractors-Nonresidential Buildings, Other than Industrial Buildings and Warehouses	1.00
1611	Highway and Street Construction, Except Elevated Highways	1.00
1622	Bridge, Tunnel, and Elevated Highway Construction	1.00
1623	Water, Sewer, Pipeline, and Communications and Power Line Construction	1.00
1629	Heavy Construction, NEC	1.00
1711	Plumbing, Heating, and Air-Conditioning	1.00
1721	Painting and Paper Hanging	1.00
1731	Electrical Work	1.00
1741	Masonry, Stone Setting, and Other Stone Work	1.00
1742	Plastering, Drywall, Acoustical, and Insulation Work	1.00
1743	Terrazzo, Tile, Marble, and Mosaic Work	1.00
1751	Carpentry Work	1.00
1752	Floor Laying and Other Floor Work, NEC	1.00
1761	Roofing, Siding, and Sheet Metal Work	1.00
1771	Concrete Work	1.00
1781	Water Well Drilling	1.00
1791	Structural Steel Erection	1.00

Appendix A

SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
1793	Glass and Glazing Work	1.00
1794	Excavation Work	1.00
1795	Wrecking and Demolition Work	1.00
1796	Installation or Erection of Building Equipment, NEC	1.00
1799	Special Trade Contractors, NEC	1.00
2011	Meat Packing Plants	1.05
2013	Sausages and Other Prepared Meats	1.05
2015	Poultry Slaughtering and Processing	1.00
2021	Creamery Butter	0.95
2022	Natural, Processed, and Imitation Cheese	0.95
2023	Dry, Condensed, and Evaporated Dairy Products	0.95
2024	Ice Cream and Frozen Desserts	0.95
2026	Fluid Milk	0.95
2032	Canned Specialties	0.95
2033	Canned Fruits, Vegetables, Preserves, Jams, and Jellies	0.95
2034	Dried and Dehydrated Fruits, Vegetables, and Soup Mixes	0.95
2035	Pickled Fruits and Vegetables, Vegetable Sauces and Seasonings, and Salad Dressings	0.95
2037	Frozen Fruits, Fruit Juices, and Vegetables	0.95
2038	Frozen Specialties, NEC	0.95
2041	Flour and Other Grain Mill Products	0.95
2043	Cereal Breakfast Foods	0.95
2044	Rice Milling	0.95
2045	Prepared Flour Mixes and Doughs	0.95
2046	Wet Corn Milling	0.95
2047	Dog and Cat Food	0.95
2048	Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats	0.95
2051	Bread and Other Bakery Products, Except Cookies and Crackers	0.95
2052	Cookies and Crackers	0.95
2053	Frozen Bakery Products, Except Bread	0.95
2061	Cane Sugar, Except Refining	0.95
2062	Cane Sugar Refining	0.95
2063	Beet Sugar	0.95
2064	Candy and Other Confectionery Products	0.95
2066	Chocolate and Cocoa Products	0.95
2067	Chewing Gum	0.95
2068	Salted and Roasted Nuts and Seeds	0.95
2074	Cottonseed Oil Mills	0.95
2075	Soybean Oil Mills	0.95
2076	Vegetable Oil Mills, Except Corn, Cottonseed, and Soybeans	0.95
2077	Animal and Marine Fats and Oils	1.00
2079	Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, NEC	0.95
2082	Malt Beverages	0.95
2083	Malt	0.95
2084	Wines, Brandy, and Brandy Spirits	0.95
2085	Distilled and Blended Liquors	0.95
2086	Bottled and Canned Soft Drinks and Carbonated Waters	0.95
2087	Flavoring Extracts and Flavoring Syrups NEC	0.95
2091	Canned and Cured Fish and Seafood	0.95
2092	Prepared Fresh or Frozen Fish and Seafoods	0.95
2095	Roasted Coffee	0.95
2096	Potato Chips, Corn Chips, and Similar Snacks	0.95
2097	Manufactured Ice	0.95
2098	Macaroni, Spaghetti, Vermicelli, and Noodles	0.95
2099	Food Preparations, NEC	0.95
2111	Cigarettes	1.05

Appendix A

SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
2121	Cigars	1.05
2131	Chewing and Smoking Tobacco and Snuff	1.05
2141	Tobacco Stemming and Redrying	1.05
2211	Broadwoven Fabric Mills, Cotton	0.95
2221	Broadwoven Fabric Mills, Manmade Fiber and Silk	0.95
2231	Broadwoven Fabric Mills, Wool (Including Dyeing and Finishing)	0.95
2241	Narrow Fabric and Other Smallware Mills: Cotton, Wool, Silk, and Manmade Fiber	0.95
2251	Women's Full-Length and Knee-Length Hosiery, Except Socks	1.00
2252	Hosiery, NEC	1.00
2253	Knit Outerwear Mills	1.00
2254	Knit Underwear and Nightwear Mills	1.00
2257	Weft Knit Fabric Mills	0.95
2258	Lace and Warp Knit Fabric Mills	0.95
2259	Knitting Mills, NEC	0.95
2261	Finishers of Broadwoven Fabrics of Cotton	0.95
2262	Finishers of Broadwoven Fabrics of Manmade Fiber and Silk	0.95
2269	Finishers of Textiles, NEC	0.95
2273	Carpets and Rugs	0.95
2281	Yarn Spinning Mills	0.95
2282	Yarn Texturizing, Throwing, Twisting, and Winding Mills	0.95
2284	Thread Mills	0.95
2295	Coated Fabrics, Not Rubberized	0.95
2296	Tire Cord and Fabrics	0.95
2297	Nonwoven Fabrics	0.95
2298	Cordage and Twine	0.95
2299	Textile Goods, NEC	0.95
2311	Men's and Boys' Suits, Coats, and Overcoats	1.00
2321	Men's and Boys' Shirts, Except Work Shirts	1.00
2322	Men's and Boys' Underwear and Nightwear	1.00
2323	Men's and Boys' Neckwear	1.00
2325	Men's and Boys' Trousers and Slacks	1.00
2326	Men's and Boys' Work Clothing	1.00
2329	Men's and Boys' Clothing, NEC	1.00
2331	Women's, Misses', and Juniors' Blouses and Shirts	1.00
2335	Women's, Misses', and Juniors' Dresses	1.00
2337	Women's, Misses' and Juniors' Suits, Skirts, and Coats	1.00
2339	Women's, Misses', and Juniors' Outerwear, NEC	1.00
2341	Women's, Misses', Children's, and Infants' Underwear and Nightwear	1.00
2342	Brassieres, Girdles, and Allied Garments	1.00
2353	Hats, Caps, and Millinery	1.00
2361	Girls', Children's, and Infants' Dresses, Blouses, and Shirts	1.00
2369	Girls', Children's, and Infants' Outerwear, NEC	1.00
2371	Fur Goods	1.00
2381	Dress and Work Gloves, Except Knit and All-Leather	1.00
2384	Robes and Dressing Gowns	1.00
2385	Waterproof Outerwear	1.00
2386	Leather and Sheep-Lined Clothing	1.00
2387	Apparel Belts	1.00
2389	Apparel and Accessories, NEC	1.00
2391	Curtains and Draperies	1.00
2392	Housefurnishings, Except Curtains and Draperies	0.95
2393	Textile Bags	0.95
2394	Canvas and Related Products	0.95
2395	Pleating, Decorative and Novelty Stitching, and Tucking for the Trade	1.00
2396	Automotive Trimmings, Apparel Findings, and Related Products	0.95

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SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
2397	Schiffli Machine Embroideries	0.95
2399	Fabricated Textile Products, NEC	1.00
2411	Logging	1.15
2421	Sawmills and Planing Mills, General	1.15
2426	Hardwood Dimension and Flooring Mills	1.15
2429	Special Product Sawmills, NEC	1.15
2431	Millwork	1.10
2434	Wood Kitchen Cabinets	0.95
2435	Hardwood Veneer and Plywood	1.00
2436	Softwood Veneer and Plywood	1.00
2439	Structural Wood Members, NEC	1.00
2441	Nailed and Lock Corner Wood Boxes and Shook	1.00
2448	Wood Pallets and Skids	1.00
2449	Wood Containers, NEC	1.00
2451	Mobile Homes	1.00
2452	Prefabricated Wood Buildings and Components	1.00
2491	Wood Preserving	1.00
2493	Reconstituted Wood Products	1.00
2499	Wood Products, NEC	1.00
2511	Wood Household Furniture, Except Upholstered	0.95
2512	Wood Household Furniture, Upholstered	0.95
2514	Metal Household Furniture	0.95
2515	Mattresses, Foundations, and Convertible Beds	0.95
2517	Wood Television, Radio, Phonograph and Sewing Machine Cabinets	0.95
2519	Household Furniture, NEC	0.95
2521	Wood Office Furniture	0.95
2522	Office Furniture, Except Wood	0.95
2531	Public Building and Related Furniture	0.95
2541	Wood Office and Store Fixtures, Partitions, Shelving, and Lockers	0.95
2542	Office and Store Fixtures, Partitions, Shelving, and Lockers, Except Wood	0.95
2591	Drapery Hardware and Window Blinds and Shades	0.95
2599	Furniture and Fixtures, NEC	0.95
2611	Pulp Mills	0.95
2621	Paper Mills	0.95
2631	Paperboard Mills	0.95
2652	Setup Paperboard Boxes	0.95
2653	Corrugated and Solid Fiber Boxes	0.95
2655	Fiber Cans, Tubes, Drums, and Similar Products	0.95
2656	Sanitary Food Containers, Except Folding	0.95
2657	Folding Paperboard Boxes, Including Sanitary	0.95
2671	Packaging Paper and Plastics Film, Coated and Laminated	0.95
2672	Coated and Laminated Paper, NEC	0.95
2673	Plastics, Foil, and Coated Paper Bags	0.95
2674	Uncoated Paper and Multiwall Bags	0.95
2675	Die-Cut Paper and Paperboard and Cardboard	0.95
2676	Sanitary Paper Products	0.95
2677	Envelopes	0.95
2678	Stationery, Tablets, and Related Products	0.95
2679	Converted Paper and Paperboard Products, NEC	0.95
2711	Newspapers: Publishing, or Publishing and Printing	0.90
2721	Periodicals: Publishing, or Publishing and Printing	0.90
2731	Books: Publishing, or Publishing and Printing	0.95
2732	Book Printing	0.90
2741	Miscellaneous Publishing	0.90
2752	Commercial Printing, Lithographic	0.90

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SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
2754	Commercial Printing, Gravure	0.90
2759	Commercial Printing, NEC	0.90
2761	Manifold Business Forms	0.90
2771	Greeting Cards	0.90
2782	Blankbooks, Loose-leaf Binders and Devices	0.90
2789	Bookbinding and Related Work	0.90
2791	Typesetting	0.90
2796	Platemaking and Related Services	0.90
2812	Alkalies and Chlorine	1.00
2813	Industrial Gases	1.00
2816	Inorganic Pigments	1.00
2819	Industrial Inorganic Chemicals, NEC	1.00
2821	Plastics Material and Synthetic Resins, and Nonvulcanizable Elastomers	1.00
2822	Synthetic Rubber	1.00
2823	Cellulosic Manmade Fibers	1.00
2824	Manmade Organic Fibers, Except Cellulosic	1.00
2833	Medicinal Chemicals and Botanical Products	0.90
2834	Pharmaceutical Preparations	0.90
2835	In Vitro and In Vivo Diagnostic Substances	0.90
2836	Biological Products, Except Diagnostic Substances	0.90
2841	Soaps and Other Detergents, Except Speciality Cleaners	0.90
2842	Speciality Cleaning, Polishing, and Sanitary Preparations	0.90
2843	Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants	0.90
2844	Perfumes, Cosmetics, and Other Toilet Preparations	0.90
2851	Paints, Varnishes, Lacquers, Enamels, and Allied Products	0.95
2861	Gum and Wood Chemicals	1.00
2865	Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments	1.00
2869	Industrial Organic Chemicals, NEC	1.00
2873	Nitrogenous Fertilizers	1.00
2874	Phosphatic Fertilizers	1.00
2875	Fertilizers, Mixing Only	1.00
2879	Pesticides and Agricultural Chemicals, NEC	1.00
2891	Adhesives and Sealants	0.95
2892	Explosives	1.15
2893	Printing Ink	0.95
2895	Carbon Black	1.00
2899	Chemicals and Chemical Preparations, NEC	0.95
2911	Petroleum Refining	1.05
2951	Asphalt Paving Mixtures and Blocks	1.05
2952	Asphalt Felts and Coatings	1.05
2992	Lubricating Oils and Greases	1.05
2999	Products of Petroleum and Coal, NEC	1.05
3011	Tires and Inner Tubes	0.95
3021	Rubber and Plastics Footwear	0.95
3052	Rubber and Plastics Hose and Belting	0.95
3053	Gaskets, Packing, and Sealing Devices	0.90
3061	Molded, Extruded, and Lathe-Cut Mechanical Rubber Goods	0.95
3069	Fabricated Rubber Products, NEC	0.95
3081	Unsupported Plastics Film and Sheet	0.95
3082	Unsupported Plastics Profile Shapes	0.95
3083	Laminated Plastics Plate, Sheet, and Profile Shapes	0.95
3084	Plastics Pipe	0.95
3085	Plastics Bottles	0.95
3086	Plastics Foam Products	0.95
3087	Custom Compounding of Purchased Plastics Resins	0.95

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SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
3088	Plastics Plumbing Fixtures	0.95
3089	Plastics Products, NEC	0.95
3111	Leather Tanning and Finishing	1.15
3131	Boot and Shoe Cut Stock and Findings	1.00
3142	House Slippers	0.95
3143	Men's Footwear, Except Athletic	0.95
3144	Women's Footwear, Except Athletic	0.95
3149	Footwear, Except Rubber, NEC	0.95
3151	Leather Gloves and Mittens	1.00
3161	Luggage	0.95
3171	Women's Handbags and Purses	0.95
3172	Personal Leather Goods, Except Women's Handbags and Purses	0.95
3199	Leather Goods, NEC	0.95
3211	Flat Glass	0.95
3221	Glass Containers	0.95
3229	Pressed and Blown Glass and Glassware, NEC	0.95
3231	Glass Products, Made of Purchased Glass	0.95
3241	Cement, Hydraulic	0.95
3251	Brick and Structural Clay Tile	0.95
3253	Ceramic Wall and Floor Tile	0.95
3255	Clay Refractories	0.95
3259	Structural Clay Products, NEC	0.95
3261	Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories	0.95
3262	Vitreous China Table and Kitchen Articles	0.95
3263	Fine Earthenware (Whiteware) Table and Kitchen Articles	0.95
3264	Porcelain Electrical Supplies	0.95
3269	Pottery Products, NEC	0.95
3271	Concrete Block and Brick	0.95
3272	Concrete Products, Except Block and Brick	1.05
3273	Ready-Mixed Concrete	0.95
3274	Lime	0.95
3275	Gypsum Products	0.95
3281	Cut Stone and Stone Products	0.95
3291	Abrasive Products	1.05
3292	Asbestos Products	1.05
3295	Minerals and Earths, Ground or Otherwise Treated	1.10
3296	Mineral Wool	0.95
3297	Nonclay Refractories	0.95
3299	Nonmetallic Mineral Products, NEC	1.05
3312	Steel Works, Blast Furnaces (Including Coke Ovens), and Rolling Mills	1.10
3313	Electrometallurgical Products, Except Steel	1.10
3315	Steel Wiredrawing and Steel Nails and Spikes	1.05
3316	Cold-Rolled Steel Sheet, Strip, and Bars	1.10
3317	Steel Pipe and Tubes	1.10
3321	Gray and Ductile Iron Foundries	1.10
3322	Malleable Iron Foundries	1.10
3324	Steel Investment Foundries	1.10
3325	Steel Foundries, NEC	1.10
3331	Primary Smelting and Refining of Copper	1.10
3334	Primary Production of Aluminum	1.10
3339	Primary Smelting and Refining of Nonferrous Metals, Except Copper and Aluminum	1.10
3341	Secondary Smelting and Refining of Nonferrous Metals	1.10
3351	Rolling, Drawing, and Extruding of Copper	1.10
3353	Aluminum Sheet, Plate, and Foil	1.10
3354	Aluminum Extruded Products	1.10

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SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
3355	Aluminum Rolling and Drawing, NEC	1.10
3356	Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum	1.10
3357	Drawing and Insulating of Nonferrous Wire	1.00
3363	Aluminum Die-Castings	1.10
3364	Nonferrous Die-Castings, Except Aluminum	1.10
3365	Aluminum Foundries	1.10
3366	Copper Foundries	1.10
3369	Nonferrous Foundries, Except Aluminum and Copper	1.10
3398	Metal Heat Treating	0.95
3399	Primary Metal Products, NEC	1.05
3411	Metal Cans	0.95
3412	Metal Shipping Barrels, Drums, Kegs, and Pails	0.95
3421	Cutlery	0.95
3423	Hand and Edge Tools, Except Machine Tools and Handsaws	0.95
3425	Saw Blades and Handsaws	0.95
3429	Hardware, NEC	0.95
3431	Enameled Iron and Metal Sanitary Ware	0.95
3432	Plumbing Fixture Fittings and Trim	0.95
3433	Heating Equipment, Except Electric and Warm Air Furnaces	0.95
3441	Fabricated Structural Metal	0.95
3442	Metal Doors, Sash, Frames, Molding, and Trim Manufacturing	0.95
3443	Fabricated Plate Work (Boiler Shops)	0.95
3444	Sheet Metal Work	0.95
3446	Architectural and Ornamental Metal Work	0.95
3448	Prefabricated Metal Buildings and Components	0.95
3449	Miscellaneous Structural Metal Work	0.95
3451	Screw Machine Products	0.95
3452	Bolts, Nuts, Screws, Rivets, and Washers	0.95
3462	Iron and Steel Forgings	0.95
3463	Nonferrous Forgings	0.95
3465	Automotive Stamping	0.95
3466	Crowns and Closures	0.95
3469	Metal Stamping, NEC	0.95
3471	Electroplating, Plating, Polishing, Anodizing, and Coloring	0.95
3479	Coating, Engraving, and Allied Services, NEC	0.90
3482	Small Arms Ammunition	0.95
3483	Ammunition, Except for Small Arms	0.95
3484	Small Arms	0.95
3489	Ordnance and Accessories, NEC	0.95
3491	Industrial Valves	0.95
3492	Fluid Power Valves and Hose Fittings	0.95
3493	Steel Springs, Except Wire	0.95
3494	Valves and Pipe Fittings, NEC	0.95
3495	Wire Springs	0.95
3496	Miscellaneous Fabricated Wire Products	0.95
3497	Metal Foil and Leaf	0.95
3498	Fabricated Pipe and Pipe Fittings	0.95
3499	Fabricated Metal Products, NEC	0.95
3511	Steam, Gas, and Hydraulic Turbines, and Turbine Generator Set Units	0.95
3519	Internal Combustion Engines, NEC	0.95
3523	Farm Machinery and Equipment	0.95
3524	Lawn and Garden Tractors and Home Lawn and Garden Equipment	0.95
3531	Construction Machinery and Equipment	0.95
3532	Mining Machinery and Equipment, Except Oil and Gas Field Machinery and Equipment	0.95
3533	Oil and Gas Field Machinery and Equipment	0.95

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SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
3534	Elevators and Moving Stairways	0.95
3535	Conveyors and Conveying Equipment	0.95
3536	Overhead Traveling Cranes, Hoists, and Monorail Systems	0.95
3537	Industrial Trucks, Tractors, Trailers, and Stackers	0.95
3541	Machine Tools, Metal Cutting Type	0.95
3542	Machine Tools, Metal Forming Type	0.95
3543	Industrial Patterns	0.95
3544	Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds	0.95
3545	Cutting Tools, Machine Tool Accessories, and Machinists' Precision Measuring Devices	0.95
3546	Power-Driven Handtools	0.95
3547	Rolling Mill Machinery and Equipment	0.95
3548	Electric and Gas Welding and Soldering Equipment	0.95
3549	Metalworking Machinery, NEC	0.95
3552	Textile Machinery	0.95
3553	Woodworking Machinery	0.95
3554	Paper Industries Machinery	0.95
3555	Printing Trades Machinery and Equipment	0.95
3556	Food Products Machinery	0.95
3559	Special Industry Machinery, NEC	0.95
3561	Pumps and Pumping Equipment	0.95
3562	Ball and Roller Bearings	0.95
3563	Air and Gas Compressors	0.95
3564	Industrial and Commercial Fans and Blowers and Air Purification Equipment	0.95
3565	Packaging Machinery	0.95
3566	Speed Changers, Industrial High-Speed Drives, and Gears	0.95
3567	Industrial Process Furnaces and Ovens	0.95
3568	Mechanical Power Transmission Equipment, NEC	0.95
3569	General Industrial Machinery and Equipment, NEC	0.95
3571	Electronic Computers	0.90
3572	Computer Storage Devices	0.90
3575	Computer Terminals	0.90
3577	Computer Peripheral Equipment, NEC	0.90
3578	Calculating and Accounting Machines, Except Electronic Computers	0.95
3579	Office Machines, NEC	0.90
3581	Automatic Vending Machines	0.95
3582	Commercial Laundry, Drycleaning, and Pressing Machines	0.95
3585	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment	0.95
3586	Measuring and Dispensing Pumps	0.95
3589	Service Industry Machinery, NEC	0.95
3592	Carburetors, Pistons, Piston Rings, and Valves	0.95
3593	Fluid Power Cylinders and Actuators	0.95
3594	Fluid Power Pumps and Motors	0.95
3596	Scales and Balances, Except Laboratory	0.95
3599	Industrial and Commercial Machinery and Equipment, NEC	0.95
3612	Power, Distribution, and Specialty Transformers	0.90
3613	Switchgear and Switchboard Apparatus	0.90
3621	Motors and Generators	0.90
3624	Carbon and Graphite Products	0.90
3625	Relays and Industrial Controls	0.90
3629	Electrical Industrial Apparatus, NEC	0.90
3631	Household Cooking Equipment	0.90
3632	Household Refrigerators and Home and Farm Freezers	0.90
3633	Household Laundry Equipment	0.90
3634	Electric Housewares and Fans	0.90
3635	Household Vacuum Cleaners	0.90

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SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
3639	Household Appliances, NEC	0.90
3641	Electric Lamp Bulbs and Tubes	0.90
3643	Current-Carrying Wiring Devices	0.90
3644	Noncurrent-Carrying Wiring Devices	0.95
3645	Residential Electric Lighting Fixtures	0.90
3646	Commercial, Industrial, and Institutional Electric Lighting Fixtures	0.90
3647	Vehicular Lighting Equipment	0.95
3648	Lighting Equipment, NEC	0.90
3651	Household Audio and Video Equipment	0.90
3652	Phonograph Records and Prerecorded Audio Tapes and Disks	0.95
3661	Telephone and Telegraph Apparatus	0.90
3663	Radio and Television Broadcasting and Communications Equipment	0.90
3669	Communications Equipment, NEC	0.90
3671	Electron Tubes	0.90
3672	Printed Circuit Boards	0.90
3674	Semiconductors and Related Devices	0.90
3675	Electronic Capacitors	0.90
3676	Electronic Resistors	0.90
3677	Electronic Coils, Transformers, and Other Inductors	0.90
3678	Electronic Connectors	0.90
3679	Electronic Components, NEC	0.90
3691	Storage Batteries	0.90
3692	Primary Batteries, Dry and Wet	0.90
3694	Electrical Equipment for Internal Combustion Engines	0.95
3695	Magnetic and Optical Recording Media	0.90
3699	Electrical Machinery, Equipment, and Supplies, NEC	0.95
3711	Motor Vehicles and Passenger Car Bodies	0.95
3713	Truck and Bus Bodies	0.95
3714	Motor Vehicle Parts and Accessories	0.95
3715	Truck Trailers	0.95
3716	Motor Homes	0.95
3721	Aircraft	0.95
3724	Aircraft Engines and Engine Parts	0.95
3728	Aircraft Parts and Auxiliary Equipment, NEC	0.95
3731	Ship Building and Repairing	1.00
3732	Boat Building and Repairing	1.00
3743	Railroad Equipment	0.95
3751	Motorcycles, Bicycles, and Parts	0.95
3761	Guided Missiles and Space Vehicles	0.95
3764	Guided Missile and Space Vehicle Propulsion Units and Propulsion Unit Parts	0.95
3769	Guided Missile Space Vehicle Parts and Auxiliary Equipment, NEC	0.95
3792	Travel Trailers and Campers	0.95
3795	Tanks and Tank Components	0.95
3799	Transportation Equipment, NEC	0.95
3812	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments	0.90
3821	Laboratory Apparatus and Furniture	0.90
3822	Automatic Controls for Regulating Residential and Commercial Environments and Appliances	0.90
3823	Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products	0.90
3824	Totalizing Fluid Meters and Counting Devices	0.90
3825	Instruments for Measuring and Testing of Electricity and Electrical Signals	0.90
3826	Laboratory Analytical Instruments	0.90
3827	Optical Instruments and Lenses	0.95
3829	Measuring and Controlling Devices, NEC	0.90
3841	Surgical and Medical Instruments and Apparatus	0.90
3842	Orthopedic, Prosthetic, and Surgical Appliances and Supplies	0.90

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SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
3843	Dental Equipment and Supplies	0.90
3844	X-Ray Apparatus and Tubes and Related Irradiation Apparatus	0.90
3845	Electromedical and Electrotherapeutic Apparatus	0.90
3851	Ophthalmic Goods	0.90
3861	Photographic Equipment and Supplies	0.95
3873	Watches, Clocks, Clockwork Operated Devices and Parts	0.90
3911	Jewelry, Precious Metal	0.90
3914	Silverware, Plated Ware, and Stainless Steel Ware	0.95
3915	Jewelers' Findings and Materials, and Lapidary Work	0.90
3931	Musical Instruments	0.90
3942	Dolls and Stuffed Toys	0.90
3944	Games, Toys, and Children's Vehicles, Except Dolls and Bicycles	0.95
3949	Sporting and Athletic Goods, NEC	0.90
3951	Pens, Mechanical Pencils, and Parts	0.90
3952	Lead Pencils, Crayons, and Artist's Materials	0.95
3953	Marking Devices	0.90
3955	Carbon Paper and Inked Ribbons	0.90
3961	Costume Jewelry and Costume Novelties, Except Precious Metals	0.90
3965	Fasteners, Buttons, Needles, and Pins	0.90
3991	Brooms and Brushes	0.90
3993	Signs and Advertising Specialties	0.90
3995	Burial Caskets	0.90
3996	Linoleum, Asphalted-Felt-Base, and Other Hard Surface Floor Coverings, NEC	0.95
3999	Manufacturing Industries, NEC	0.95
4011	Railroads, Line-haul Operating	1.05
4013	Railroad Switching and Terminal Establishments	1.05
4111	Local and Suburban Transit	1.10
4119	Local Passenger Transportation, NEC	1.10
4121	Taxicabs	1.15
4131	Intercity and Rural Bus Transportation	1.10
4141	Local Bus Charter Service	1.10
4142	Bus Charter Service, Except Local	1.10
4151	School Buses	1.10
4173	Terminal and Service Facilities for Motor Vehicle Passenger Transportation	1.05
4212	Local Trucking Without Storage	1.00
4213	Trucking, Except Local	1.05
4214	Local Trucking with Storage	1.05
4215	Courier Services Except by Air	1.05
4221	Farm Product Warehousing and Storage	1.05
4222	Refrigerated Warehousing and Storage	1.05
4225	General Warehousing and Storage	1.10
4226	Special Warehousing and Storage, NEC	1.05
4231	Terminal and Joint Terminal Maintenance Facilities for Motor Freight Transportation	1.05
4311	United States Postal Service	0.95
4412	Deep Sea Foreign Transportation of Freight	0.95
4424	Deep Sea Domestic Transportation of Freight	0.95
4432	Freight Transportation on the Great Lakes - St. Lawrence Seaway	0.95
4449	Water Transportation of Freight, NEC	0.95
4481	Deep Sea Transportation of Passengers, Except by Ferry	0.95
4482	Ferries	0.95
4489	Water Transportation of Passengers, NEC	1.00
4491	Marine Cargo Handling	1.05
4492	Towing and Tugboat Services	1.05
4493	Marinas	1.15
4499	Water Transportation Services, NEC	1.05

Appendix A

SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
4512	Air Transportation, Scheduled	0.95
4513	Air Courier Services	1.05
4522	Air Transportation, Nonscheduled	1.00
4581	Airports, Flying Fields, and Airport Terminal Services	1.05
4612	Crude Petroleum Pipelines	0.95
4613	Refined Petroleum Pipelines	0.95
4619	Pipelines, NEC	0.95
4724	Travel Agencies	0.95
4725	Tour Operators	0.95
4729	Arrangement of Passenger Transportation, NEC	1.00
4731	Arrangement of Transportation of Freight and Cargo	1.00
4741	Rental of Railroad Cars	1.00
4783	Packing and Crating	1.05
4785	Fixed Facilities and Inspection and Weighing Services for Motor Vehicle Transportation	1.05
4789	Transportation Services, NEC	1.10
4812	Radiotelephone Communications	0.90
4813	Telephone Communications, Except Radiotelephone	0.90
4822	Telegraph and Other Message Communications	0.90
4832	Radio Broadcasting Stations	0.90
4833	Television Broadcasting Stations	0.90
4841	Cable and Other Pay Television Services	0.90
4899	Communications Services, NEC	1.00
4911	Electric Services	0.95
4922	Natural Gas Transmission	0.95
4923	Natural Gas Transmission and Distribution	0.95
4924	Natural Gas Distribution	0.95
4925	Mixed, Manufactured, or Liquefied Petroleum Gas Production and/or Distribution	0.95
4931	Electric and Other Services Combined	0.95
4932	Gas and Other Services Combined	0.95
4939	Combination Utilities, NEC	0.95
4941	Water Supply	0.95
4952	Sewerage Systems	0.95
4953	Refuse Systems	1.05
4959	Sanitary Services, NEC	1.10
4961	Steam and Air-Conditioning Supply	0.95
4971	Irrigation Systems	0.95
5012	Automobiles and Other Motor Vehicles	0.95
5013	Motor Vehicle Supplies and New Parts	1.05
5014	Tires and Tubes	1.05
5015	Motor Vehicle Parts, Used	1.05
5021	Furniture	0.95
5023	Home Furnishings	0.95
5031	Lumber, Plywood, Millwork, and Wood Panels	0.95
5032	Brick, Stone and Related Construction Materials	0.95
5033	Roofing, Siding, and Insulation Materials	0.95
5039	Construction Materials, NEC	0.95
5043	Photographic Equipment and Supplies	0.95
5044	Office Equipment	0.95
5045	Computers and Computer Peripheral Equipment and Software	0.95
5046	Commercial Equipment, NEC	0.95
5047	Medical, Dental, and Hospital Equipment and Supplies	0.95
5048	Ophthalmic Goods	0.95
5049	Professional Equipment and Supplies, NEC	0.95
5051	Metals Service Centers and Offices	0.95
5052	Coal and Other Minerals and Ores	0.95

Appendix A

SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
5063	Electrical Apparatus and Equipment Wiring Supplies, and Construction Materials	0.95
5064	Electrical Appliances, Television and Radio Sets	0.95
5065	Electronic Parts and Equipment, NEC	0.95
5072	Hardware	0.95
5074	Plumbing and Heating Equipment and Supplies (Hydronics)	0.95
5075	Warm Air Heating and Air-Conditioning Equipment and Supplies	0.95
5078	Refrigeration Equipment and Supplies	0.95
5082	Construction and Mining (Except Petroleum) Machinery and Equipment	0.95
5083	Farm and Garden Machinery and Equipment	0.95
5084	Industrial Machinery and Equipment	0.95
5085	Industrial Supplies	0.95
5087	Service Establishment Equipment and Supplies	0.95
5088	Transportation Equipment and Supplies, Except Motor Vehicles	0.95
5091	Sporting and Recreational Goods and Supplies	0.95
5092	Toys and Hobby Goods and Supplies	0.95
5093	Scrap and Waste Materials	1.10
5094	Jewelry, Watches, Precious Stones, and Precious Metals	0.95
5099	Durable Goods, NEC	0.95
5111	Printing and Writing Paper	0.95
5112	Stationery and Office Supplies	0.95
5113	Industrial and Personal Service Paper	0.95
5122	Drugs, Drug Proprietaries, and Druggists' Sundries	0.95
5131	Piece Goods, Notions, and Other Dry Goods	0.95
5136	Men's and Boys' Clothing and Furnishings	0.95
5137	Women's, Children's, and Infants' Clothing and Accessories	0.95
5139	Footwear	0.95
5141	Groceries, General Line	0.95
5142	Packaged Frozen Foods	0.95
5143	Dairy Products, Except Dried or Canned	0.95
5144	Poultry and Poultry Products	0.95
5145	Confectionery	0.95
5146	Fish and Seafoods	0.95
5147	Meats and Meat Products	1.00
5148	Fresh Fruits and Vegetables	0.95
5149	Groceries and Related Products, NEC	0.95
5153	Grain and Field Beans	0.95
5154	Livestock	0.95
5159	Farm-Product Raw Materials, NEC	0.95
5162	Plastics Materials and Basic Forms and Shapes	0.95
5169	Chemicals and Allied Products, NEC	0.95
5171	Petroleum Bulk Stations and Terminals	1.00
5172	Petroleum and Petroleum Products Wholesalers, Except Bulk Stations and Terminals	0.95
5181	Beer and Ale	1.05
5182	Wine and Distilled Alcoholic Beverages	1.05
5191	Farm Supplies	0.95
5192	Books, Periodicals, and Newspapers	0.95
5193	Flowers, Nursery Stock, and Florists' Supplies	0.95
5194	Tobacco and Tobacco Products	0.95
5198	Paint, Varnishes, and Supplies	0.95
5199	Nondurable Goods, NEC	1.00
5211	Lumber and Other Building Materials Dealers	0.95
5231	Paint, Glass, and Wallpaper Stores	0.95
5251	Hardware Stores	0.95
5261	Retail Nurseries, Lawn and Garden Supply Stores	0.95
5271	Mobile Home Dealers	1.10

Appendix A

SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
5311	Department Stores	0.90
5331	Variety Stores	0.90
5399	Miscellaneous General Merchandise Stores	0.90
5411	Grocery Stores	1.00
5421	Meat and Fish (Seafood) Markets, Including Freezer Provisioners	0.95
5431	Fruit and Vegetable Markets	0.95
5441	Candy, Nut, and Confectionery Stores	0.95
5451	Dairy Products Stores	0.95
5461	Retail Bakeries	1.05
5499	Miscellaneous Food Stores	0.95
5511	Motor Vehicle Dealers (New and Used)	1.10
5521	Motor Vehicle Dealers (Used Only)	1.10
5531	Auto and Home Supply Stores	1.05
5541	Gasoline Service Stations	1.10
5551	Boat Dealers	1.10
5561	Recreational Vehicle Dealers	1.10
5571	Motorcycle Dealers	1.10
5599	Automotive Dealers, NEC	1.10
5611	Men's and Boys' Clothing and Accessory Stores	0.95
5621	Women's Clothing Stores	0.95
5632	Women's Accessory and Specialty Stores	0.95
5641	Children's and Infants' Wear Stores	0.95
5651	Family Clothing Stores	0.95
5661	Shoe Stores	0.95
5699	Miscellaneous Apparel and Accessory Stores	0.95
5712	Furniture Stores	0.95
5713	Floor Covering Stores	0.95
5714	Drapery, Curtain, and Upholstery Stores	0.95
5719	Miscellaneous Homefurnishings Stores	0.95
5722	Household Appliance Stores	0.95
5731	Radio, Television, and Consumer Electronics Stores	1.05
5734	Computer and Computer Software Stores	0.95
5735	Record and Prerecorded Tape Stores	0.95
5736	Musical Instrument Stores	0.95
5812	Eating and Drinking Places	1.15
5813	Drinking Places (Alcoholic Beverages)	1.15
5912	Drug Stores and Proprietary Stores	0.95
5921	Liquor Stores	1.15
5932	Used Merchandise Stores	0.90
5941	Sporting Goods Stores and Bicycle Shops	0.95
5942	Book Stores	0.95
5943	Stationery Stores	0.95
5944	Jewelry Stores	0.95
5945	Hobby, Toy, and Game Shops	0.95
5946	Camera and Photographic Supply Stores	0.95
5947	Gift, Novelty, and Souvenir Shops	0.95
5948	Luggage and Leather Goods Stores	0.95
5949	Sewing, Needlework, and Piece Goods Stores	0.95
5961	Catalog and Mail-Order Houses	0.95
5962	Automatic Merchandising Machine Operator	0.95
5963	Direct Selling Establishments	1.05
5983	Fuel Oil Dealers	1.05
5984	Liquefied Petroleum Gas (Bottled Gas) Dealers	1.05
5989	Fuel Dealers, NEC	1.05
5992	Florists	0.95

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SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
5993	Tobacco Stores and Stands	0.95
5994	News Dealers and Newsstands	0.95
5995	Optical Goods Stores	0.95
5999	Miscellaneous Retail Stores, NEC	0.95
6011	Federal Reserve Banks	0.90
6019	Central Reserve Depository Institutions, NEC	0.90
6021	National Commercial Banks	0.90
6022	State Commercial Banks	0.90
6029	Commercial Banks, NEC	0.90
6035	Savings Institutions, Federally Chartered	0.90
6036	Savings institutions, Not Federally Chartered	0.90
6061	Credit Unions, Federally Chartered	0.90
6062	Credit Unions, Not Federally Chartered	0.90
6081	Branches and Agencies of Foreign Banks	0.90
6082	Foreign Trade and International Banking Institutions	0.90
6091	Nondeposit Trust Facilities	0.95
6099	Functions Related to Deposit Banking, NEC	0.90
6111	Federal and Federally-Sponsored Credit Agencies	0.90
6141	Personal Credit Institutions	0.90
6153	Short-Term Business Credit Institutions, Except Agricultural	0.90
6159	Miscellaneous Business Credit Institutions	0.90
6162	Mortgage Bankers and Loan Correspondents	0.90
6163	Loan Brokers	0.90
6211	Security Brokers, Dealers, and Flotation Companies	0.95
6221	Commodity Contracts Brokers and Dealers	0.95
6231	Security and Commodity Exchanges	0.95
6282	Investment Advice	0.95
6289	Services Allied With the Exchange of Securities or Commodities, NEC	0.95
6311	Life Insurance	0.90
6321	Accident and Health Insurance	0.90
6324	Hospital and Medical Service Plans	0.90
6331	Fire, Marine, and Casualty Insurance	0.90
6351	Surety Insurance	0.90
6361	Title Insurance	0.90
6371	Pension, Health, and Welfare Funds	0.95
6399	Insurance Carriers, NEC	0.90
6411	Insurance Agents, Brokers, and Service	1.00
6512	Operators of Nonresidential Buildings	1.15
6513	Operators of Apartment Buildings	1.10
6514	Operators of Dwellings Other Than Apartment Buildings	1.10
6515	Operators of Residential Mobile Home Sites	1.10
6517	Lessors of Railroad Property	1.10
6519	Lessors of Real Property, NEC	1.10
6531	Real Estate Agents and Managers	1.10
6541	Title Abstract Offices	1.00
6552	Land Subdividers and Developers, Except Cemeteries	1.00
6553	Cemetery Subdividers and Developers	0.95
6712	Offices of Bank Holding Companies	0.90
6719	Offices of Holding Companies, NEC	0.90
6722	Management Investment Offices, Open-End	0.90
6726	Unit Investment Trusts, Face-Amount Certificate Offices, and Closed-End Management Investment Offices	0.90
6732	Education, Religious, and Charitable Trusts	0.90
6733	Trusts, Except Educational, Religious, and Charitable	0.95
6792	Oil Royalty Traders	0.95
6794	Patent Owners and Lessors	0.90

Appendix A

SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
6798	Real Estate Investment Trusts	0.90
6799	Investors, NEC	0.95
7011	Hotels and Motels	1.15
7021	Rooming and Boarding Houses	1.15
7032	Sporting and Recreational Camps	1.15
7033	Recreational Vehicle Parks and Campsites	1.15
7041	Organization Hotels and Lodging Houses, on Membership Basis	1.15
7211	Power Laundries, Family and Commercial	1.15
7212	Garment Pressing, and Agents for Laundries and Drycleaners	1.15
7213	Linen Supply	1.15
7215	Coin-Operated Laundries and Drycleaning	1.15
7216	Drycleaning Plants, Except Rug Cleaning	1.15
7217	Carpet and Upholstery Cleaning	1.10
7218	Industrial Launderers	1.15
7219	Laundry and Garment Services, NEC	1.15
7221	Photographic Studios, Portrait	0.95
7231	Beauty Shops	1.10
7241	Barber Shops	1.05
7251	Shoe Repair Shops and Shoeshine Parlors	1.00
7261	Funeral Services and Crematories	0.95
7291	Tax Return Preparation Services	0.90
7299	Miscellaneous Personal Services, NEC	1.05
7311	Advertising Agencies	1.05
7312	Outdoor Advertising Services	1.05
7313	Radio, Television, and Publishers' Advertising Representatives	1.05
7319	Advertising, NEC	1.05
7322	Adjustment and Collection Services	0.95
7323	Credit Reporting Services	0.95
7331	Direct Mail Advertising Services	1.00
7334	Photocopying and Duplicating Services	0.95
7335	Commercial Photography	0.95
7336	Commercial Art and Graphic Design	0.95
7338	Secretarial and Court Reporting Services	0.95
7342	Disinfecting and Pest Control Services	1.15
7349	Building Cleaning and Maintenance Services, NEC	1.10
7352	Medical Equipment Rental and Leasing	0.95
7353	Heavy Construction Equipment Rental and Leasing	1.00
7359	Equipment Rental and Leasing, NEC	0.95
7361	Employment Agencies	0.95
7363	Help Supply Services	0.95
7371	Computer Programming Services	0.90
7372	Prepackaged Software	0.90
7373	Computer Integrated Systems Design	0.90
7374	Computer Processing and Data Preparation and Processing Services	0.95
7375	Information Retrieval Services	0.95
7376	Computer Facilities Management Services	0.90
7377	Computer Rental and Leasing	0.95
7378	Computer Maintenance and Repair	1.00
7379	Computer Related Services, NEC	0.90
7381	Detective, Guard, and Armored Car Services	1.00
7382	Security Systems Services	1.00
7383	News Syndicates	1.05
7384	Photofinishing Laboratories	0.95
7389	Business Services, NEC	0.95
7513	Truck Rental and Leasing, Without Drivers	1.10

Appendix A

SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
7514	Passenger Car Rental	1.10
7515	Passenger Car Leasing	1.10
7519	Utility Trailer and Recreational Vehicle Rental	1.10
7521	Automobile Parking	1.10
7532	Top, Body, and Upholstery Repair Shops and Paint Shops	1.10
7533	Automotive Exhaust System Repair Shops	1.10
7534	Tire Retreading and Repair Shops	1.05
7536	Automotive Glass Replacement Shops	1.10
7537	Automotive Transmission Repair Shops	1.10
7538	General Automotive Repair Shops	1.10
7539	Automotive Repair Shops, NEC	1.10
7542	Carwashes	1.10
7549	Automotive Services, Except Repair and Carwashes	1.10
7622	Radio and Television Repair Shops	1.00
7623	Refrigeration and Air-Conditioning Services and Repair Shops	1.00
7629	Electrical and Electronic Repair Shops, NEC	1.00
7631	Watch, Clock, and Jewelry Repair	1.00
7641	Reupholstery and Furniture Repair	1.00
7692	Welding Repair	1.00
7694	Armature Rewinding Shops	0.95
7699	Repair Shops and Related Services, NEC	1.00
7812	Motion Picture and Video Tape Production	0.95
7819	Services Allied to Motion Picture Production	0.95
7822	Motion Picture and Video Tape Distribution	0.95
7829	Services Allied to Motion Picture Distribution	0.95
7832	Motion Picture Theaters, Except Drive-In	0.95
7833	Drive-In Motion Picture Theaters	0.95
7841	Video Tape Rental	0.95
7911	Dance Studios, Schools, and Halls	1.05
7922	Theatrical Producers (Except Motion Picture) and Miscellaneous Theatrical Services	1.10
7929	Bands, Orchestras, Actors, and Other Entertainers and Entertainment Groups	1.15
7933	Bowling Centers	1.15
7941	Professional Sports Clubs and Promoters	1.15
7948	Racing, Including Track Operations	1.15
7991	Physical Fitness Facilities	1.15
7992	Public Golf Courses	1.15
7993	Coin-Operated Amusement Devices	1.15
7996	Amusement Parks	1.15
7997	Membership Sports and Recreation Clubs	1.15
7999	Amusement and Recreation Services, NEC	1.10
8011	Offices and Clinics of Doctors of Medicine	1.15
8021	Offices and Clinics of Dentists	1.15
8031	Offices and Clinics of Doctors of Osteopathy	1.15
8041	Offices and Clinics of Chiropractors	1.15
8042	Offices and Clinics of Optometrists	1.15
8043	Offices and Clinics of Podiatrists	1.15
8049	Offices and Clinics of Health Practitioners, NEC	1.15
8051	Skilled Nursing Care Facilities	1.15
8052	Intermediate Care Facilities	1.15
8059	Nursing and Personal Care Facilities, NEC	1.15
8062	General Medical and Surgical Hospitals	1.15
8063	Psychiatric Hospitals	1.15
8069	Specialty Hospitals, Except Psychiatric	1.15
8071	Medical Laboratories	1.05
8072	Dental Laboratories	1.00

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SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
8082	Home Health Care Services	1.15
8092	Kidney Dialysis Centers	1.15
8093	Specialty Outpatient Facilities, NEC	1.15
8099	Health and Allied Services, NEC	1.05
8111	Legal Services	0.95
8211	Elementary and Secondary Schools	1.05
8221	Colleges, Universities, and Professional Schools	1.05
8222	Junior Colleges and Technical Institutes	1.05
8231	Libraries	0.90
8243	Data Processing Schools	0.95
8244	Business and Secretarial Schools	0.95
8249	Vocational Schools, NEC	0.95
8299	Schools and Educational Services, NEC	0.95
8322	Individual and Family Social Services	1.00
8331	Job Training and Vocational Rehabilitation Services	1.00
8351	Child Day Care Services	1.00
8361	Residential Care	1.15
8399	Social Services, NEC	1.00
8412	Museums and Art Galleries	1.05
8422	Arboreta and Botanical or Zoological Gardens	1.05
8611	Business Associations	1.15
8621	Professional Membership Organizations	1.15
8631	Labor Unions and Similar Labor Organizations	1.15
8641	Civic, Social, and Fraternal Associations	1.15
8651	Political Organizations	1.15
8661	Religious Organizations	1.15
8699	Membership Organizations, NEC	1.10
8711	Engineering Services	0.90
8712	Architectural Services	0.90
8713	Surveying Services	0.90
8721	Accounting, Auditing, and Bookkeeping Services	0.90
8731	Commercial Physical and Biological Research	0.95
8732	Commercial Economic, Sociological, and Educational Research	0.95
8733	Noncommercial Research Organizations	0.95
8734	Testing Laboratories	0.90
8741	Management Services	0.95
8742	Management Consulting Services	0.90
8743	Public Relations Services	1.05
8744	Facilities Support Management Services	0.95
8748	Business Consulting Services, NEC	0.90
8811	Private Households	1.15
8999	Services, NEC	0.95
9111	Executive Offices	1.15
9121	Legislative Bodies	1.15
9131	Executive and Legislative Offices, Combined	1.15
9199	General Government, NEC	1.15
9211	Courts	1.15
9221	Police Protection	1.15
9222	Legal Counsel and Prosecution	1.15
9223	Correctional Institutions	1.15
9224	Fire Protection	1.15
9229	Public Order and Safety, NEC	1.15
9311	Public Finance, Taxation, and Monetary Policy	1.15
9411	Administration of Educational Programs	1.15
9431	Administration of Public Health Programs	1.15

Appendix A

SIC Codes and Industry Factors		
SIC	SIC Description	SIC Fx
9441	Administration of Social, Human Resource and Income Maintenance Programs	1.15
9451	Administration of Veterans' Affairs, Except Health Insurance	1.15
9511	Air and Water Resource and Solid Waste Management	1.15
9512	Land, Mineral, Wildlife, and Forest Conservation	1.15
9531	Administration of Housing Programs	1.15
9532	Administration of Urban Planning and Community and Rural Development	1.15
9611	Administration of General Economic Programs	1.15
9621	Regulation and Administration of Transportation Programs	1.10
9631	Regulation and Administration of Communications, Electric, Gas, and Other Utilities	1.15
9641	Regulation of Agricultural Marketing and Commodities	1.15
9651	Regulation, Licensing, and Inspection of Miscellaneous Commercial Sectors	1.15
9661	Space Research and Technology	1.15
9711	National Security	1.15
9721	International Affairs	1.15

Appendix B

Demographic Adjustment Factors

		Male								
TIER		2T	3T	4T	3T	4T	4T	2T	3T	4T
Age		S	S	S	D	D	PC	F	F	F
0 - 24		0.323	0.323	0.323	1.195	1.278	1.127	1.646	2.401	2.519
25 - 29		0.386	0.386	0.386	1.287	1.419	1.177	1.959	2.501	2.634
30 - 34		0.472	0.472	0.472	1.350	1.557	1.242	2.235	2.563	2.699
35 - 39		0.580	0.580	0.580	1.409	1.674	1.354	2.337	2.552	2.685
40 - 44		0.718	0.718	0.718	1.595	1.888	1.456	2.437	2.627	2.749
45 - 49		0.916	0.916	0.916	1.973	2.223	1.641	2.667	2.905	3.023
50 - 54		1.256	1.256	1.256	2.567	2.727	1.950	3.027	3.357	3.460
55 - 59		1.610	1.610	1.610	3.188	3.272	2.259	3.410	3.825	3.911
60 - 64		2.115	2.115	2.115	3.973	4.017	2.758	4.041	4.387	4.447
65 - 199		2.941	2.941	2.941	5.197	5.214	3.631	5.207	5.336	5.526

		Female								
TIER		2T	3T	4T	3T	4T	4T	2T	3T	4T
Age		S	S	S	D	D	PC	F	F	F
0 - 24		0.648	0.648	0.648	1.333	1.012	1.655	1.563	2.136	2.130
25 - 29		0.881	0.881	0.881	1.481	1.310	1.784	1.871	2.332	2.435
30 - 34		1.022	1.022	1.022	1.612	1.552	1.883	2.175	2.477	2.614
35 - 39		1.043	1.043	1.043	1.639	1.745	1.852	2.255	2.484	2.650
40 - 44		1.095	1.095	1.095	1.746	2.023	1.827	2.358	2.605	2.793
45 - 49		1.256	1.256	1.256	2.136	2.481	1.946	2.651	2.970	3.178
50 - 54		1.477	1.477	1.477	2.713	3.003	2.129	3.027	3.421	3.632
55 - 59		1.714	1.714	1.714	3.368	3.570	2.317	3.508	3.963	4.156
60 - 64		2.047	2.047	2.047	4.165	4.297	2.625	4.195	4.532	4.772
65 - 199		2.487	2.487	2.487	5.204	5.285	3.180	5.203	5.201	6.119

Average Contract Size

		Male								
TIER		2T	3T	4T	3T	4T	4T	2T	3T	4T
Age		S	S	S	D	D	PC	F	F	F
0 - 24		1.000	1.000	1.000	2.000	2.000	2.143	2.521	3.389	3.438
25 - 29		1.000	1.000	1.000	2.000	2.000	2.415	2.944	3.704	3.758
30 - 34		1.000	1.000	1.000	2.000	2.000	2.656	3.456	3.996	4.071
35 - 39		1.000	1.000	1.000	2.000	2.000	2.851	3.779	4.183	4.280
40 - 44		1.000	1.000	1.000	2.000	2.000	2.840	3.793	4.200	4.297
45 - 49		1.000	1.000	1.000	2.000	2.000	2.743	3.544	4.072	4.151
50 - 54		1.000	1.000	1.000	2.000	2.000	2.580	3.060	3.825	3.873
55 - 59		1.000	1.000	1.000	2.000	2.000	2.417	2.548	3.583	3.607
60 - 64		1.000	1.000	1.000	2.000	2.000	2.375	2.233	3.462	3.460
65 - 199		1.000	1.000	1.000	2.000	2.000	2.500	2.114	3.444	3.500

		Female								
TIER		2T	3T	4T	3T	4T	4T	2T	3T	4T
Age		S	S	S	D	D	PC	F	F	F
0 - 24		1.000	1.000	1.000	2.000	2.000	2.227	2.405	3.417	3.500
25 - 29		1.000	1.000	1.000	2.000	2.000	2.415	2.726	3.583	3.706
30 - 34		1.000	1.000	1.000	2.000	2.000	2.674	3.178	3.819	3.972
35 - 39		1.000	1.000	1.000	2.000	2.000	2.816	3.425	3.948	4.147
40 - 44		1.000	1.000	1.000	2.000	2.000	2.750	3.355	3.907	4.084
45 - 49		1.000	1.000	1.000	2.000	2.000	2.602	3.091	3.773	3.904
50 - 54		1.000	1.000	1.000	2.000	2.000	2.433	2.698	3.565	3.638
55 - 59		1.000	1.000	1.000	2.000	2.000	2.259	2.316	3.341	3.368
60 - 64		1.000	1.000	1.000	2.000	2.000	2.143	2.093	3.143	3.167
65 - 199		1.000	1.000	1.000	2.000	2.000	2.500	2.129	3.333	3.500

The demographic factor input into Exhibit A of the Experience Rating Formula is determined by dividing the average subscriber demographic factor by the weighted average number of members per contract (using the demographic factors and average contract size from the tables above).

Medicare Primary Adjustment Factor: $0.75 * \text{Demographic Adjustment Factor in Table Above}$

Appendix C

HRA/HSA Deductible Funding Adjustment Factors

Single Deductible	51%-75% Funding		76%-100% Funding	
	HRA	HSA	HRA	HSA
\$1,000	1.20%	0.60%	2.40%	1.20%
\$1,250	1.30%	0.70%	2.60%	1.40%
\$1,500	1.30%	0.80%	2.70%	1.60%
\$1,750	1.40%	0.90%	2.80%	1.80%
\$2,000	1.50%	1.00%	2.90%	2.00%
\$2,250	1.90%	1.10%	3.70%	2.20%
\$2,500	2.30%	1.20%	4.50%	2.40%
\$2,750	2.70%	1.30%	5.30%	2.70%
\$3,000	3.10%	1.50%	6.10%	2.90%
\$3,250	3.10%	1.40%	6.10%	2.80%
\$3,500	3.10%	1.30%	6.10%	2.70%
\$3,750	3.10%	1.30%	6.10%	2.60%
\$4,000	3.10%	1.20%	6.10%	2.40%
\$4,250	2.90%	1.20%	5.90%	2.30%
\$4,500	2.80%	1.10%	5.70%	2.20%
\$4,750	2.70%	1.00%	5.40%	2.10%
\$5,000	2.60%	1.00%	5.20%	2.00%

Large Group Historical Medical & Rx Claims Summary - EPO/PPD

Rolling 12 End Date	Medical + Rx Claim Expense > \$100k PMPM	Medical Claim Expense PMPM	Rx Claim Expense PMPM	Medical Allowed -		Member Months	Claims > \$100k as % of Claims < \$100k	Rolling 12 Medical Claim Expense Trend	Rolling 12 Rx Claim Expense Trend	Rolling 12 Paid Trend				
				COB PMPM	Rx Allowed PMPM					Removing High Cost Claims	Rolling 12 Medical Allowed - COB Trend	Rolling 12 Rx Allowed Trend	Rolling 12 Membership Change	Paid To Allowed Ratio
201412	\$31.39	\$299.85	\$59.51	\$347.51	\$69.01	23,583	9.6%	N/A	N/A	N/A	N/A	N/A	N/A	86.3%
201501	\$22.61	\$296.65	\$59.12	\$344.08	\$68.42	22,794	6.8%	N/A	N/A	N/A	N/A	N/A	N/A	86.2%
201502	\$20.42	\$294.37	\$57.55	\$341.83	\$66.70	22,004	6.2%	N/A	N/A	N/A	N/A	N/A	N/A	86.1%
201503	\$12.77	\$296.32	\$57.51	\$343.54	\$66.58	21,251	3.7%	N/A	N/A	N/A	N/A	N/A	N/A	86.3%
201504	\$8.05	\$298.55	\$59.15	\$345.16	\$68.19	20,507	2.3%	N/A	N/A	N/A	N/A	N/A	N/A	86.5%
201505	\$5.56	\$291.78	\$59.81	\$336.66	\$68.80	19,783	1.6%	N/A	N/A	N/A	N/A	N/A	N/A	86.7%
201506	\$5.19	\$288.55	\$60.24	\$332.76	\$69.19	19,020	1.5%	N/A	N/A	N/A	N/A	N/A	N/A	86.8%
201507	\$6.92	\$286.14	\$61.84	\$329.00	\$70.68	18,450	2.0%	N/A	N/A	N/A	N/A	N/A	N/A	87.1%
201508	\$9.33	\$279.46	\$64.80	\$320.42	\$73.72	17,917	2.8%	N/A	N/A	N/A	N/A	N/A	N/A	87.3%
201509	\$12.17	\$286.99	\$66.79	\$329.04	\$75.51	17,440	3.6%	N/A	N/A	N/A	N/A	N/A	N/A	87.5%
201510	\$13.18	\$285.49	\$71.14	\$328.45	\$79.97	17,151	3.8%	N/A	N/A	N/A	N/A	N/A	N/A	87.3%
201511	\$14.30	\$283.90	\$71.15	\$327.28	\$79.94	16,839	4.2%	N/A	N/A	N/A	N/A	N/A	N/A	87.2%
201512	\$15.40	\$281.07	\$72.52	\$324.60	\$81.15	16,534	4.6%	-6.3%	21.9%	3.1%	-6.6%	17.6%	-29.9%	87.1%
201601	\$19.00	\$278.30	\$75.17	\$320.13	\$83.88	16,499	5.7%	-6.2%	27.2%	0.4%	-7.0%	22.6%	-27.6%	87.5%
201602	\$21.32	\$277.57	\$76.71	\$318.26	\$85.45	16,453	6.4%	-5.7%	33.3%	0.4%	-6.9%	28.1%	-25.2%	87.8%
201603	\$21.10	\$278.21	\$78.21	\$319.21	\$86.95	16,439	6.3%	-6.1%	36.0%	-1.7%	-7.1%	30.6%	-22.6%	87.8%
201604	\$15.43	\$290.83	\$75.75	\$333.22	\$84.45	16,432	4.4%	-2.6%	28.1%	0.4%	-3.5%	23.8%	-19.9%	87.8%
201605	\$15.77	\$301.35	\$75.04	\$344.26	\$84.12	16,388	4.4%	3.3%	25.5%	4.2%	2.3%	22.3%	-17.2%	87.9%
201606	\$11.36	\$307.92	\$75.72	\$351.73	\$85.00	16,384	3.1%	6.7%	25.7%	8.3%	5.7%	22.8%	-13.9%	87.8%
201607	\$9.97	\$312.03	\$75.77	\$356.17	\$85.18	15,024	2.6%	9.0%	22.5%	10.8%	8.3%	20.5%	-18.6%	87.9%
201608	\$11.53	\$326.27	\$74.85	\$373.85	\$84.39	16,415	3.0%	16.8%	15.5%	16.3%	16.7%	14.5%	-8.4%	87.5%
201609	\$10.90	\$322.01	\$73.22	\$368.01	\$82.72	16,411	2.8%	12.2%	9.6%	12.5%	11.8%	9.6%	-5.9%	87.7%
201610	\$10.17	\$324.55	\$70.78	\$370.10	\$80.44	16,388	2.6%	13.7%	-0.5%	12.1%	12.7%	0.6%	-4.4%	87.7%
201611	\$10.80	\$327.51	\$72.74	\$372.73	\$82.84	16,410	2.8%	15.4%	2.2%	14.3%	13.9%	3.6%	-2.5%	87.9%
201612	\$11.11	\$336.36	\$74.04	\$381.84	\$84.54	16,423	2.8%	19.7%	2.1%	18.1%	17.6%	4.2%	-0.7%	88.0%

Large Group Historical Medical & Rx Claims Summary - HDHP

Rolling 12 End Date	Medical + Rx Claim Expense > \$100k PMPM	Medical Claim Expense PMPM	Rx Claim Expense PMPM	Medical Allowed -		Member Months	Claims > \$100k as % of Claims < \$100k	Rolling 12 Medical Claim Expense Trend	Rolling 12 Rx Claim Expense Trend	Rolling 12 Paid Trend				
				COB PMPM	Rx Allowed PMPM					Removing High Cost Claims	Rolling 12 Medical Allowed - COB Trend	Rolling 12 Rx Allowed Trend	Rolling 12 Membership Change	Paid To Allowed Ratio
201412	\$47.02	\$304.16	\$34.11	\$404.02	\$48.48	47,927	16.1%	N/A	N/A	N/A	N/A	N/A	N/A	74.8%
201501	\$45.95	\$307.25	\$34.81	\$403.18	\$48.52	46,261	15.5%	N/A	N/A	N/A	N/A	N/A	N/A	75.7%
201502	\$37.01	\$307.67	\$35.30	\$403.32	\$48.59	44,671	12.1%	N/A	N/A	N/A	N/A	N/A	N/A	75.9%
201503	\$33.19	\$302.48	\$35.86	\$397.04	\$48.65	43,119	10.9%	N/A	N/A	N/A	N/A	N/A	N/A	75.9%
201504	\$29.59	\$294.78	\$35.61	\$386.95	\$48.00	41,507	9.8%	N/A	N/A	N/A	N/A	N/A	N/A	76.0%
201505	\$21.83	\$279.21	\$34.94	\$370.68	\$47.01	39,909	7.5%	N/A	N/A	N/A	N/A	N/A	N/A	75.2%
201506	\$22.01	\$274.80	\$35.03	\$364.67	\$46.91	38,254	7.6%	N/A	N/A	N/A	N/A	N/A	N/A	75.3%
201507	\$22.09	\$272.90	\$37.06	\$363.30	\$48.67	36,593	7.7%	N/A	N/A	N/A	N/A	N/A	N/A	75.2%
201508	\$16.99	\$264.83	\$37.88	\$354.82	\$49.27	34,928	5.9%	N/A	N/A	N/A	N/A	N/A	N/A	74.9%
201509	\$14.32	\$251.33	\$36.64	\$342.19	\$47.91	33,248	5.2%	N/A	N/A	N/A	N/A	N/A	N/A	73.8%
201510	\$12.01	\$240.33	\$36.44	\$330.87	\$47.60	31,603	4.5%	N/A	N/A	N/A	N/A	N/A	N/A	73.1%
201511	\$10.89	\$229.64	\$36.31	\$321.30	\$46.89	29,680	4.3%	N/A	N/A	N/A	N/A	N/A	N/A	72.2%
201512	\$10.68	\$211.90	\$34.76	\$301.28	\$44.78	27,814	4.5%	-30.3%	1.9%	-19.0%	-25.4%	-7.6%	-42.0%	71.3%
201601	\$6.22	\$207.75	\$35.00	\$294.10	\$44.37	26,682	2.6%	-32.4%	0.6%	-20.1%	-27.1%	-8.6%	-42.3%	71.7%
201602	\$6.74	\$197.10	\$34.60	\$280.93	\$43.68	25,449	3.0%	-35.9%	-2.0%	-26.5%	-30.3%	-10.1%	-43.0%	71.4%
201603	\$8.25	\$195.76	\$34.24	\$276.92	\$43.01	24,202	3.7%	-35.3%	-4.5%	-27.3%	-30.3%	-11.6%	-43.9%	71.9%
201604	\$9.80	\$198.61	\$34.40	\$278.17	\$42.78	22,840	4.4%	-32.6%	-3.4%	-25.8%	-28.1%	-10.9%	-45.0%	72.6%
201605	\$11.52	\$203.86	\$34.92	\$283.99	\$43.12	21,473	5.1%	-27.0%	-0.1%	-22.3%	-23.4%	-8.3%	-46.2%	73.0%
201606	\$12.75	\$210.76	\$34.62	\$291.53	\$42.54	20,183	5.5%	-23.3%	-1.2%	-19.2%	-20.1%	-9.3%	-47.2%	73.5%
201607	\$13.68	\$213.18	\$31.43	\$292.74	\$39.08	17,819	5.9%	-21.9%	-15.2%	-19.8%	-19.4%	-19.7%	-51.3%	73.7%
201608	\$18.58	\$211.26	\$28.49	\$290.38	\$36.17	17,581	8.4%	-20.2%	-24.8%	-22.6%	-18.2%	-26.6%	-49.7%	73.4%
201609	\$21.75	\$214.45	\$28.35	\$293.37	\$35.98	16,316	9.8%	-14.7%	-22.6%	-19.2%	-14.3%	-24.9%	-50.9%	73.7%
201610	\$25.47	\$218.15	\$26.40	\$297.36	\$33.83	15,077	11.6%	-9.2%	-27.6%	-17.3%	-10.1%	-28.9%	-52.3%	73.8%
201611	\$22.29	\$214.80	\$26.89	\$291.99	\$34.56	14,151	10.2%	-6.5%	-25.9%	-14.0%	-9.1%	-26.3%	-52.3%	74.0%
201612	\$23.46	\$211.76	\$24.51	\$290.48	\$32.30	13,251	11.0%	-0.1%	-29.5%	-9.8%	-3.6%	-27.9%	-52.4%	73.2%

Large Group Historical Medical & Rx Claims Summary - Total															
Rolling 12 End Date	Medical + Rx Claim Expense	Medical Claim Expense	Rx Claim Expense	Medical Allowed -		Member Months	Claims > \$100k as %	Rolling 12 Medical Claim	Rolling 12 Rx Claim	Rolling 12 Paid Trend		Rolling 12 Medical Allowed	Rolling 12 Rx	Rolling 12	Paid To Allowed
	> \$100k PMPM	PMPM	PMPM	COB PMPM	Rx Allowed PMPM		of Claims < \$100k	Expense Trend	Expense Trend	Removing High Cost Claims	- COB Trend	Allowed Trend	Membership Change	Ratio	
201412	\$41.87	\$302.74	\$42.88	\$385.38	\$55.25	71,510	13.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	78.3%
201501	\$38.24	\$303.75	\$42.83	\$383.67	\$55.09	69,055	12.4%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.0%
201502	\$31.54	\$303.28	\$42.64	\$383.03	\$54.57	66,675	10.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.1%
201503	\$26.45	\$300.45	\$43.01	\$379.38	\$54.57	64,370	8.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.1%
201504	\$22.47	\$296.03	\$43.40	\$373.13	\$54.68	62,014	7.1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.3%
201505	\$16.44	\$283.38	\$43.18	\$359.41	\$54.23	59,692	5.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	78.9%
201506	\$16.42	\$279.37	\$43.40	\$354.07	\$54.31	57,274	5.4%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.0%
201507	\$17.01	\$277.34	\$45.36	\$351.80	\$56.05	55,043	5.6%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.1%
201508	\$14.39	\$269.79	\$47.01	\$343.16	\$57.56	52,845	4.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79.1%
201509	\$13.58	\$263.60	\$47.01	\$337.66	\$57.41	50,688	4.6%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	78.6%
201510	\$12.42	\$256.22	\$48.65	\$330.02	\$58.99	48,754	4.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	78.4%
201511	\$12.12	\$249.28	\$48.92	\$323.47	\$58.86	46,519	4.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	78.0%
201512	\$12.44	\$237.69	\$48.84	\$309.97	\$58.34	44,348	4.5%	-21.5%	15.0%	-9.6%	-19.6%	5.6%	-38.0%	77.8%	
201601	\$11.10	\$234.71	\$50.35	\$304.04	\$59.46	43,181	4.1%	-22.7%	17.5%	-11.2%	-20.8%	7.9%	-37.5%	78.4%	
201602	\$12.46	\$228.70	\$51.14	\$295.59	\$60.08	41,902	4.7%	-24.6%	19.9%	-15.0%	-22.8%	10.1%	-37.2%	78.7%	
201603	\$13.45	\$229.11	\$52.03	\$294.02	\$60.78	40,641	5.0%	-23.7%	21.0%	-15.6%	-22.5%	11.4%	-36.9%	79.2%	
201604	\$12.16	\$237.20	\$51.70	\$301.20	\$60.22	39,272	4.4%	-19.9%	19.1%	-12.7%	-19.3%	10.1%	-36.7%	79.9%	
201605	\$13.36	\$246.06	\$52.28	\$310.08	\$60.87	37,861	4.7%	-13.2%	21.1%	-8.1%	-13.7%	12.2%	-36.6%	80.4%	
201606	\$12.13	\$254.29	\$53.03	\$318.50	\$61.56	36,567	4.1%	-9.0%	22.2%	-3.6%	-10.0%	13.4%	-36.2%	80.9%	
201607	\$11.98	\$258.40	\$51.71	\$321.76	\$60.17	32,843	4.0%	-6.8%	14.0%	-2.5%	-8.5%	7.4%	-40.3%	81.2%	
201608	\$15.17	\$266.80	\$50.88	\$330.68	\$59.45	33,996	5.0%	-1.1%	8.2%	0.0%	-3.6%	3.3%	-35.7%	81.4%	
201609	\$16.31	\$268.39	\$50.85	\$330.80	\$59.42	32,727	5.4%	1.8%	8.2%	2.0%	-2.0%	3.5%	-35.4%	81.8%	
201610	\$17.50	\$273.57	\$49.51	\$335.25	\$58.11	31,465	5.7%	6.8%	1.8%	4.5%	1.6%	-1.5%	-35.5%	82.1%	

Summary of Historical Rx Claims Broken Out by Rx Category - HDHP

LOB	Size	Product Type	Rolling 12 End Date YYYYMM	Rx Category	Allowed	Member Months	Allowed PMPM	Rolling 12 Allowed Trend
AR42	Large	HDHP	201412	1 Generic	\$681,277	47,927	\$14.21	N/A
AR42	Large	HDHP	201501	1 Generic	\$660,442	46,261	\$14.28	N/A
AR42	Large	HDHP	201502	1 Generic	\$644,628	44,671	\$14.43	N/A
AR42	Large	HDHP	201503	1 Generic	\$628,724	43,119	\$14.58	N/A
AR42	Large	HDHP	201504	1 Generic	\$609,859	41,507	\$14.69	N/A
AR42	Large	HDHP	201505	1 Generic	\$581,487	39,909	\$14.57	N/A
AR42	Large	HDHP	201506	1 Generic	\$558,431	38,254	\$14.60	N/A
AR42	Large	HDHP	201507	1 Generic	\$531,762	36,593	\$14.53	N/A
AR42	Large	HDHP	201508	1 Generic	\$507,308	34,928	\$14.52	N/A
AR42	Large	HDHP	201509	1 Generic	\$487,927	33,248	\$14.68	N/A
AR42	Large	HDHP	201510	1 Generic	\$462,224	31,603	\$14.63	N/A
AR42	Large	HDHP	201511	1 Generic	\$422,171	29,680	\$14.22	N/A
AR42	Large	HDHP	201512	1 Generic	\$368,431	27,814	\$13.25	-6.8%
AR42	Large	HDHP	201601	1 Generic	\$342,033	26,682	\$12.82	-10.2%
AR42	Large	HDHP	201602	1 Generic	\$317,308	25,449	\$12.47	-13.6%
AR42	Large	HDHP	201603	1 Generic	\$291,731	24,202	\$12.05	-17.3%
AR42	Large	HDHP	201604	1 Generic	\$262,277	22,840	\$11.48	-21.8%
AR42	Large	HDHP	201605	1 Generic	\$237,252	21,473	\$11.05	-24.2%
AR42	Large	HDHP	201606	1 Generic	\$211,602	20,183	\$10.48	-28.2%
AR42	Large	HDHP	201607	1 Generic	\$178,488	17,819	\$10.02	-31.1%
AR42	Large	HDHP	201608	1 Generic	\$163,591	17,581	\$9.31	-35.9%
AR42	Large	HDHP	201609	1 Generic	\$134,633	16,316	\$8.25	-43.8%
AR42	Large	HDHP	201610	1 Generic	\$112,370	15,077	\$7.45	-49.0%
AR42	Large	HDHP	201611	1 Generic	\$104,191	14,151	\$7.36	-48.2%
AR42	Large	HDHP	201612	1 Generic	\$96,966	13,251	\$7.32	-44.8%
AR42	Large	HDHP	201412	2 Brand	\$783,791	47,927	\$16.35	N/A
AR42	Large	HDHP	201501	2 Brand	\$752,661	46,261	\$16.27	N/A
AR42	Large	HDHP	201502	2 Brand	\$733,850	44,671	\$16.43	N/A
AR42	Large	HDHP	201503	2 Brand	\$694,983	43,119	\$16.12	N/A
AR42	Large	HDHP	201504	2 Brand	\$669,156	41,507	\$16.12	N/A
AR42	Large	HDHP	201505	2 Brand	\$632,856	39,909	\$15.86	N/A
AR42	Large	HDHP	201506	2 Brand	\$596,793	38,254	\$15.60	N/A
AR42	Large	HDHP	201507	2 Brand	\$562,061	36,593	\$15.36	N/A
AR42	Large	HDHP	201508	2 Brand	\$528,838	34,928	\$15.14	N/A
AR42	Large	HDHP	201509	2 Brand	\$479,166	33,248	\$14.41	N/A
AR42	Large	HDHP	201510	2 Brand	\$445,517	31,603	\$14.10	N/A
AR42	Large	HDHP	201511	2 Brand	\$400,128	29,680	\$13.48	N/A
AR42	Large	HDHP	201512	2 Brand	\$334,291	27,814	\$12.02	-26.5%
AR42	Large	HDHP	201601	2 Brand	\$323,340	26,682	\$12.12	-25.5%
AR42	Large	HDHP	201602	2 Brand	\$295,506	25,449	\$11.61	-29.3%
AR42	Large	HDHP	201603	2 Brand	\$276,874	24,202	\$11.44	-29.0%
AR42	Large	HDHP	201604	2 Brand	\$256,896	22,840	\$11.25	-30.2%
AR42	Large	HDHP	201605	2 Brand	\$239,261	21,473	\$11.14	-29.7%
AR42	Large	HDHP	201606	2 Brand	\$219,140	20,183	\$10.86	-30.4%
AR42	Large	HDHP	201607	2 Brand	\$191,904	17,819	\$10.77	-29.9%
AR42	Large	HDHP	201608	2 Brand	\$181,270	17,581	\$10.31	-31.9%
AR42	Large	HDHP	201609	2 Brand	\$164,665	16,316	\$10.09	-30.0%
AR42	Large	HDHP	201610	2 Brand	\$137,328	15,077	\$9.11	-35.4%
AR42	Large	HDHP	201611	2 Brand	\$127,874	14,151	\$9.04	-33.0%
AR42	Large	HDHP	201612	2 Brand	\$117,264	13,251	\$8.85	-26.4%

Summary of Historical Rx Claims Broken Out by Rx Category - HDHP

LOB	Size	Product Type	Rolling 12 End Date YYYYMM	Rx Category	Allowed	Member Months	Allowed PMPM	Rolling 12 Allowed Trend
AR42	Large	HDHP	201412	3 Specialty	\$858,472	47,927	\$17.91	N/A
AR42	Large	HDHP	201501	3 Specialty	\$831,545	46,261	\$17.98	N/A
AR42	Large	HDHP	201502	3 Specialty	\$792,157	44,671	\$17.73	N/A
AR42	Large	HDHP	201503	3 Specialty	\$773,981	43,119	\$17.95	N/A
AR42	Large	HDHP	201504	3 Specialty	\$713,289	41,507	\$17.18	N/A
AR42	Large	HDHP	201505	3 Specialty	\$661,935	39,909	\$16.59	N/A
AR42	Large	HDHP	201506	3 Specialty	\$639,285	38,254	\$16.71	N/A
AR42	Large	HDHP	201507	3 Specialty	\$687,044	36,593	\$18.78	N/A
AR42	Large	HDHP	201508	3 Specialty	\$684,790	34,928	\$19.61	N/A
AR42	Large	HDHP	201509	3 Specialty	\$625,918	33,248	\$18.83	N/A
AR42	Large	HDHP	201510	3 Specialty	\$596,675	31,603	\$18.88	N/A
AR42	Large	HDHP	201511	3 Specialty	\$569,528	29,680	\$19.19	N/A
AR42	Large	HDHP	201512	3 Specialty	\$542,840	27,814	\$19.52	9.0%
AR42	Large	HDHP	201601	3 Specialty	\$518,420	26,682	\$19.43	8.1%
AR42	Large	HDHP	201602	3 Specialty	\$498,807	25,449	\$19.60	10.5%
AR42	Large	HDHP	201603	3 Specialty	\$472,332	24,202	\$19.52	8.7%
AR42	Large	HDHP	201604	3 Specialty	\$458,027	22,840	\$20.05	16.7%
AR42	Large	HDHP	201605	3 Specialty	\$449,409	21,473	\$20.93	26.2%
AR42	Large	HDHP	201606	3 Specialty	\$427,870	20,183	\$21.20	26.9%
AR42	Large	HDHP	201607	3 Specialty	\$325,937	17,819	\$18.29	-2.6%
AR42	Large	HDHP	201608	3 Specialty	\$290,970	17,581	\$16.55	-15.6%
AR42	Large	HDHP	201609	3 Specialty	\$287,821	16,316	\$17.64	-6.3%
AR42	Large	HDHP	201610	3 Specialty	\$260,424	15,077	\$17.27	-8.5%

Summary of Historical Rx Claims Broken Out by Rx Category - Non-HDHP

LOB	Size	Product Type	Rolling 12		Allowed	Member Months	Allowed PMPM	Rolling 12 Allowed Trend
			End Date YYYYMM	Rx Category				
AR42	Large	EPO/PPO	201412	1 Generic	\$423,079	23,583	\$17.94	N/A
AR42	Large	EPO/PPO	201501	1 Generic	\$412,694	22,794	\$18.11	N/A
AR42	Large	EPO/PPO	201502	1 Generic	\$404,382	22,004	\$18.38	N/A
AR42	Large	EPO/PPO	201503	1 Generic	\$406,879	21,251	\$19.15	N/A
AR42	Large	EPO/PPO	201504	1 Generic	\$405,406	20,507	\$19.77	N/A
AR42	Large	EPO/PPO	201505	1 Generic	\$396,262	19,783	\$20.03	N/A
AR42	Large	EPO/PPO	201506	1 Generic	\$384,796	19,020	\$20.23	N/A
AR42	Large	EPO/PPO	201507	1 Generic	\$380,965	18,450	\$20.65	N/A
AR42	Large	EPO/PPO	201508	1 Generic	\$377,676	17,917	\$21.08	N/A
AR42	Large	EPO/PPO	201509	1 Generic	\$372,840	17,440	\$21.38	N/A
AR42	Large	EPO/PPO	201510	1 Generic	\$368,078	17,151	\$21.46	N/A
AR42	Large	EPO/PPO	201511	1 Generic	\$367,169	16,839	\$21.80	N/A
AR42	Large	EPO/PPO	201512	1 Generic	\$357,797	16,534	\$21.64	20.6%
AR42	Large	EPO/PPO	201601	1 Generic	\$358,475	16,499	\$21.73	20.0%
AR42	Large	EPO/PPO	201602	1 Generic	\$358,888	16,453	\$21.81	18.7%
AR42	Large	EPO/PPO	201603	1 Generic	\$352,731	16,439	\$21.46	12.1%
AR42	Large	EPO/PPO	201604	1 Generic	\$353,800	16,432	\$21.53	8.9%
AR42	Large	EPO/PPO	201605	1 Generic	\$352,863	16,388	\$21.53	7.5%
AR42	Large	EPO/PPO	201606	1 Generic	\$353,046	16,384	\$21.55	6.5%
AR42	Large	EPO/PPO	201607	1 Generic	\$322,144	15,024	\$21.44	3.8%
AR42	Large	EPO/PPO	201608	1 Generic	\$350,169	16,415	\$21.33	1.2%
AR42	Large	EPO/PPO	201609	1 Generic	\$340,522	16,411	\$20.75	-2.9%
AR42	Large	EPO/PPO	201610	1 Generic	\$341,239	16,388	\$20.82	-3.0%
AR42	Large	EPO/PPO	201611	1 Generic	\$343,298	16,410	\$20.92	-4.1%
AR42	Large	EPO/PPO	201612	1 Generic	\$345,698	16,423	\$21.05	-2.7%
AR42	Large	EPO/PPO	201412	2 Brand	\$446,395	23,583	\$18.93	N/A
AR42	Large	EPO/PPO	201501	2 Brand	\$435,011	22,794	\$19.08	N/A
AR42	Large	EPO/PPO	201502	2 Brand	\$408,444	22,004	\$18.56	N/A
AR42	Large	EPO/PPO	201503	2 Brand	\$388,173	21,251	\$18.27	N/A
AR42	Large	EPO/PPO	201504	2 Brand	\$359,826	20,507	\$17.55	N/A
AR42	Large	EPO/PPO	201505	2 Brand	\$341,257	19,783	\$17.25	N/A
AR42	Large	EPO/PPO	201506	2 Brand	\$324,513	19,020	\$17.06	N/A
AR42	Large	EPO/PPO	201507	2 Brand	\$305,486	18,450	\$16.56	N/A
AR42	Large	EPO/PPO	201508	2 Brand	\$286,894	17,917	\$16.01	N/A
AR42	Large	EPO/PPO	201509	2 Brand	\$279,449	17,440	\$16.02	N/A
AR42	Large	EPO/PPO	201510	2 Brand	\$275,262	17,151	\$16.05	N/A
AR42	Large	EPO/PPO	201511	2 Brand	\$274,765	16,839	\$16.32	N/A
AR42	Large	EPO/PPO	201512	2 Brand	\$278,883	16,534	\$16.87	-10.9%
AR42	Large	EPO/PPO	201601	2 Brand	\$295,098	16,499	\$17.89	-6.3%
AR42	Large	EPO/PPO	201602	2 Brand	\$304,720	16,453	\$18.52	-0.2%
AR42	Large	EPO/PPO	201603	2 Brand	\$311,921	16,439	\$18.97	3.9%
AR42	Large	EPO/PPO	201604	2 Brand	\$327,798	16,432	\$19.95	13.7%
AR42	Large	EPO/PPO	201605	2 Brand	\$341,734	16,388	\$20.85	20.9%
AR42	Large	EPO/PPO	201606	2 Brand	\$344,386	16,384	\$21.02	23.2%
AR42	Large	EPO/PPO	201607	2 Brand	\$324,491	15,024	\$21.60	30.4%
AR42	Large	EPO/PPO	201608	2 Brand	\$362,043	16,415	\$22.06	37.7%
AR42	Large	EPO/PPO	201609	2 Brand	\$371,309	16,411	\$22.63	41.2%
AR42	Large	EPO/PPO	201610	2 Brand	\$376,329	16,388	\$22.96	43.1%
AR42	Large	EPO/PPO	201611	2 Brand	\$380,954	16,410	\$23.21	42.3%
AR42	Large	EPO/PPO	201612	2 Brand	\$385,965	16,423	\$23.50	39.3%

Summary of Historical Rx Claims Broken Out by Rx Category - Non-HDHP

LOB	Size	Product Type	Rolling 12		Allowed	Member Months	Allowed PMPM	Rolling 12 Allowed Trend
			End Date YYYYMM	Rx Category				
AR42	Large	EPO/PPO	201412	3 Specialty	\$757,924	23,583	\$32.14	N/A
AR42	Large	EPO/PPO	201501	3 Specialty	\$711,908	22,794	\$31.23	N/A
AR42	Large	EPO/PPO	201502	3 Specialty	\$654,837	22,004	\$29.76	N/A
AR42	Large	EPO/PPO	201503	3 Specialty	\$619,873	21,251	\$29.17	N/A
AR42	Large	EPO/PPO	201504	3 Specialty	\$633,196	20,507	\$30.88	N/A
AR42	Large	EPO/PPO	201505	3 Specialty	\$623,539	19,783	\$31.52	N/A
AR42	Large	EPO/PPO	201506	3 Specialty	\$606,695	19,020	\$31.90	N/A
AR42	Large	EPO/PPO	201507	3 Specialty	\$617,577	18,450	\$33.47	N/A
AR42	Large	EPO/PPO	201508	3 Specialty	\$656,233	17,917	\$36.63	N/A
AR42	Large	EPO/PPO	201509	3 Specialty	\$664,540	17,440	\$38.10	N/A
AR42	Large	EPO/PPO	201510	3 Specialty	\$728,142	17,151	\$42.45	N/A
AR42	Large	EPO/PPO	201511	3 Specialty	\$704,251	16,839	\$41.82	N/A
AR42	Large	EPO/PPO	201512	3 Specialty	\$705,128	16,534	\$42.65	32.7%
AR42	Large	EPO/PPO	201601	3 Specialty	\$730,378	16,499	\$44.27	41.7%
AR42	Large	EPO/PPO	201602	3 Specialty	\$742,229	16,453	\$45.11	51.6%
AR42	Large	EPO/PPO	201603	3 Specialty	\$764,686	16,439	\$46.52	59.5%
AR42	Large	EPO/PPO	201604	3 Specialty	\$706,043	16,432	\$42.97	39.2%
AR42	Large	EPO/PPO	201605	3 Specialty	\$684,003	16,388	\$41.74	32.4%
AR42	Large	EPO/PPO	201606	3 Specialty	\$695,184	16,384	\$42.43	33.0%
AR42	Large	EPO/PPO	201607	3 Specialty	\$633,110	15,024	\$42.14	25.9%
AR42	Large	EPO/PPO	201608	3 Specialty	\$673,006	16,415	\$41.00	11.9%
AR42	Large	EPO/PPO	201609	3 Specialty	\$645,704	16,411	\$39.35	3.3%
AR42	Large	EPO/PPO	201610	3 Specialty	\$600,684	16,388	\$36.65	-13.7%

Summary of Historical Rx Claims Broken Out by Rx Category - AR42 Total

LOB	Size	Product Type	Rolling 12		Allowed	Member Months	Allowed PMPM	Rolling 12
			End Date YYYYMM	Rx Category				Allowed Trend
AR42	Large	All	201412	1 Generic	\$1,104,357	71,510	\$15.44	N/A
AR42	Large	All	201501	1 Generic	\$1,073,136	69,055	\$15.54	N/A
AR42	Large	All	201502	1 Generic	\$1,049,010	66,675	\$15.73	N/A
AR42	Large	All	201503	1 Generic	\$1,035,603	64,370	\$16.09	N/A
AR42	Large	All	201504	1 Generic	\$1,015,265	62,014	\$16.37	N/A
AR42	Large	All	201505	1 Generic	\$977,749	59,692	\$16.38	N/A
AR42	Large	All	201506	1 Generic	\$943,227	57,274	\$16.47	N/A
AR42	Large	All	201507	1 Generic	\$912,727	55,043	\$16.58	N/A
AR42	Large	All	201508	1 Generic	\$884,983	52,845	\$16.75	N/A
AR42	Large	All	201509	1 Generic	\$860,767	50,688	\$16.98	N/A
AR42	Large	All	201510	1 Generic	\$830,303	48,754	\$17.03	N/A
AR42	Large	All	201511	1 Generic	\$789,340	46,519	\$16.97	N/A
AR42	Large	All	201512	1 Generic	\$726,228	44,348	\$16.38	6.0%
AR42	Large	All	201601	1 Generic	\$700,507	43,181	\$16.22	4.4%
AR42	Large	All	201602	1 Generic	\$676,195	41,902	\$16.14	2.6%
AR42	Large	All	201603	1 Generic	\$644,462	40,641	\$15.86	-1.4%
AR42	Large	All	201604	1 Generic	\$616,077	39,272	\$15.69	-4.2%
AR42	Large	All	201605	1 Generic	\$590,115	37,861	\$15.59	-4.8%
AR42	Large	All	201606	1 Generic	\$564,647	36,567	\$15.44	-6.2%
AR42	Large	All	201607	1 Generic	\$500,632	32,843	\$15.24	-8.1%
AR42	Large	All	201608	1 Generic	\$513,760	33,996	\$15.11	-9.8%
AR42	Large	All	201609	1 Generic	\$475,155	32,727	\$14.52	-14.5%
AR42	Large	All	201610	1 Generic	\$453,608	31,465	\$14.42	-15.3%
AR42	Large	All	201611	1 Generic	\$447,488	30,561	\$14.64	-13.7%
AR42	Large	All	201612	1 Generic	\$442,664	29,674	\$14.92	-8.9%
AR42	Large	All	201412	2 Brand	\$1,230,186	71,510	\$17.20	N/A
AR42	Large	All	201501	2 Brand	\$1,187,672	69,055	\$17.20	N/A
AR42	Large	All	201502	2 Brand	\$1,142,295	66,675	\$17.13	N/A
AR42	Large	All	201503	2 Brand	\$1,083,156	64,370	\$16.83	N/A
AR42	Large	All	201504	2 Brand	\$1,028,982	62,014	\$16.59	N/A
AR42	Large	All	201505	2 Brand	\$974,114	59,692	\$16.32	N/A
AR42	Large	All	201506	2 Brand	\$921,306	57,274	\$16.09	N/A
AR42	Large	All	201507	2 Brand	\$867,547	55,043	\$15.76	N/A
AR42	Large	All	201508	2 Brand	\$815,732	52,845	\$15.44	N/A
AR42	Large	All	201509	2 Brand	\$758,615	50,688	\$14.97	N/A
AR42	Large	All	201510	2 Brand	\$720,779	48,754	\$14.78	N/A
AR42	Large	All	201511	2 Brand	\$674,893	46,519	\$14.51	N/A
AR42	Large	All	201512	2 Brand	\$613,174	44,348	\$13.83	-19.6%
AR42	Large	All	201601	2 Brand	\$618,438	43,181	\$14.32	-16.7%
AR42	Large	All	201602	2 Brand	\$600,226	41,902	\$14.32	-16.4%
AR42	Large	All	201603	2 Brand	\$588,795	40,641	\$14.49	-13.9%
AR42	Large	All	201604	2 Brand	\$584,694	39,272	\$14.89	-10.3%
AR42	Large	All	201605	2 Brand	\$580,995	37,861	\$15.35	-6.0%
AR42	Large	All	201606	2 Brand	\$563,526	36,567	\$15.41	-4.2%
AR42	Large	All	201607	2 Brand	\$516,395	32,843	\$15.72	-0.2%
AR42	Large	All	201608	2 Brand	\$543,313	33,996	\$15.98	3.5%
AR42	Large	All	201609	2 Brand	\$535,974	32,727	\$16.38	9.4%
AR42	Large	All	201610	2 Brand	\$513,656	31,465	\$16.32	10.4%
AR42	Large	All	201611	2 Brand	\$508,828	30,561	\$16.65	14.8%
AR42	Large	All	201612	2 Brand	\$503,229	29,674	\$16.96	22.7%

Summary of Historical Rx Claims Broken Out by Rx Category - AR42 Total

LOB	Size	Product Type	Rolling 12		Allowed	Member Months	Allowed PMPM	Rolling 12
			End Date YYYYMM	Rx Category				Allowed Trend
AR42	Large	All	201412	3 Specialty	\$1,616,396	71,510	\$22.60	N/A
AR42	Large	All	201501	3 Specialty	\$1,543,453	69,055	\$22.35	N/A
AR42	Large	All	201502	3 Specialty	\$1,446,994	66,675	\$21.70	N/A
AR42	Large	All	201503	3 Specialty	\$1,393,855	64,370	\$21.65	N/A
AR42	Large	All	201504	3 Specialty	\$1,346,485	62,014	\$21.71	N/A
AR42	Large	All	201505	3 Specialty	\$1,285,473	59,692	\$21.54	N/A
AR42	Large	All	201506	3 Specialty	\$1,245,980	57,274	\$21.75	N/A
AR42	Large	All	201507	3 Specialty	\$1,304,621	55,043	\$23.70	N/A
AR42	Large	All	201508	3 Specialty	\$1,341,023	52,845	\$25.38	N/A
AR42	Large	All	201509	3 Specialty	\$1,290,458	50,688	\$25.46	N/A
AR42	Large	All	201510	3 Specialty	\$1,324,817	48,754	\$27.17	N/A
AR42	Large	All	201511	3 Specialty	\$1,273,779	46,519	\$27.38	N/A
AR42	Large	All	201512	3 Specialty	\$1,247,967	44,348	\$28.14	24.5%
AR42	Large	All	201601	3 Specialty	\$1,248,798	43,181	\$28.92	29.4%
AR42	Large	All	201602	3 Specialty	\$1,241,036	41,902	\$29.62	36.5%
AR42	Large	All	201603	3 Specialty	\$1,237,018	40,641	\$30.44	40.6%
AR42	Large	All	201604	3 Specialty	\$1,164,070	39,272	\$29.64	36.5%
AR42	Large	All	201605	3 Specialty	\$1,133,412	37,861	\$29.94	39.0%
AR42	Large	All	201606	3 Specialty	\$1,123,054	36,567	\$30.71	41.2%
AR42	Large	All	201607	3 Specialty	\$959,048	32,843	\$29.20	23.2%
AR42	Large	All	201608	3 Specialty	\$963,975	33,996	\$28.36	11.7%
AR42	Large	All	201609	3 Specialty	\$933,525	32,727	\$28.52	12.0%
AR42	Large	All	201610	3 Specialty	\$861,108	31,465	\$27.37	0.7%



MVP Health Care, Inc.

Article 42 and AR44 Experience Rating Formula

EPO, PPO, and HMO Products

For Large Employer Groups

(100+ Employees as defined by regulation)

Effective 01/01/18

INTRODUCTION

MVP Health Insurance Company and MVP Health Plan, Inc. (“MVP”) market Experience Rated EPO, PPO, and HMO products to large employer groups as defined per Vermont regulation. Prospective experience rating and Retrospective experience rating methods are offered. In addition, a Minimum Premium Funding arrangement is available via a rider.

MVP’s large group rating formula has three parts. Part 1 develops a group specific manual pure premium. Part 2 develops a pure premium based on the group’s actual claims experience. Part 3 blends the two using credibility factors and then develops the group’s premium rates. The attached Exhibits A and B illustrate the calculation from start to finish and this document provides a description of each component. The actual factors used in the calculation are contained in a separate Experience Rating Addendum filing.

The addendum filing and the factors contained within will be reviewed and adjusted annually or as necessary. Whenever possible, the rating factors will be developed using MVP historical experience and will be normalized to MVP’s population.

II: MANUAL PURE PREMIUM (part 1)

Part 1 of the formula is the calculation of the group specific Manual Pure Premium (the Adjusted Manual Pure Premium).

- 1. *Manual Pure Premium*** – The Manual Pure Premium rate table can be found in the Experience Rating Addendum. These rates reflect the expected claim cost for the book of business for each benefit offering for the rating period.
- 2. *Industry Factor*** – A factor to adjust for the group’s specific industry. The industry factor table can be found in the Experience Rating Addendum.
- 3. *Demographic Factor*** – A factor to adjust for the group’s specific demographic makeup. The demographic tables can be found in the Experience Rating Addendum.
- 4. *Manual Group Risk Assessment Factor*** - Rating factors to reflect specific characteristics of the group. See the Experience Rating Addendum for more information.
- 5. *HRA/HSA Funding Load Factor*** – The additional risk charge applies when a group funds a plan deductible. The charge is intended to account for the anticipated increase in utilization of services due to the resulting ‘first dollar’ coverage provided. See the Experience Rating Addendum for the applicable factors.

6. **Adjusted Manual Pure Premium** - The product of 1 through 5 above. This is the starting basis for the non-credible portion of the group's premium calculation.

III:EXPERIENCE PURE PREMIUM (part 2)

For existing MVP groups, historical paid claim experience will be used. The underwriter will typically use the most recent 12 months of data with 2 months run-off. There may be instances where more or less data is available. It will be reviewed to determine appropriateness and credibility.

For groups new to MVP, historical paid claim information will be used if it is determined to be credible and appropriate. The data will be adjusted whenever possible to reflect differences in products and benefits being quoted and for differences in provider contracting and medical management. Any adjustments to the data will be documented in the group's rating file. If MVP is not satisfied with the historical paid claim data received, the Adjusted Manual Pure Premium will be used for the first policy year.

PRIMARY INPUTS

- Experience Period Start Date – The first date of the experience data, based on date of service.
- Experience Period End Date – The last date of the experience data, based on the date of service.
- Paid Through Date – The date the claims in the experience period are paid through. This is used to determine the appropriate IBNR completion factor to adjust claims.
- Midpoint of the Experience Period – Middle date of the period start date and the period end date

Product Reflected in the experience – The product previously offered and reflected in the experience. For MVP renewal groups, the benefits are known in detail. For new groups, MVP may have limited benefit detail. When applicable, adjustments to claim information will be determined based on this information.

Product in the rate quote – The product and benefits being quoted. All products quoted will have rates on file with the State of Vermont.

Member Months – The member months for the experience period.

Out-of-Area Subscribers – The number of subscribers who are living outside of the MVP service areas.

CLAIM INFORMATION

1. ***Date of Service Paid Claims*** – The total claims paid for claims incurred in the experience period prior to adjusting for large claims and incurred but not reported claims.
2. ***Composite Completion Factor Adjustment*** – The factor used to complete paid claims. The completion factor depends on the length of the experience period and the number of months paid after the end of the experience period (or “claims runoff”). Factors are often applied during the data reporting and may also be included in #1 in an actual group calculation.
3. ***Incurred Claims*** - The projected total incurred claim cost for the group, adjusted for unpaid claims.
4. ***Other non Fee for Service medical expenses*** – The medical expenses associated with items like Capitation arrangements, Wellness Reward programs and Provider Incentive programs.
5. ***Pooling Level*** – The pooling level (attachment point) for the group. (See Experience Rating Addendum for details). Medical and Pharmacy claims will be included in the pooling calculation.
6. ***Actual Large Claims (excess over pooling level)*** – The claim amount in excess of the attachment point for all applicable claims in the experience period.
7. ***Pharmacy Rebate Factor*** – A factor to reflect pharmacy rebates received from MVP’s Pharmacy Benefit Manager. This represents an average percentage adjustment for MVP’s Rx community pool and is only applied to Rx costs. See Experience Rating Addendum for details.
8. ***Incurred Claims less Large Claims*** – The total Incurred Claims less the Large Claims.
9. ***Trend factor to midpoint of Projection Period*** – The trend rate based on the start and end date of the experience period and the renewal rating period. See the Experience Rating Addendum for trend factors.
10. ***Trended Net Claims*** – The Incurred Claims less Large Claims multiplied by the trend factor.
11. ***Trended PMPM Net Claims*** – The Trended Net Claims divided by the member month exposure for the experience period.

EXPERIENCE ADJUSTMENTS

- 12. Demographic Factor (Carrier Replacement Only)** – In the event MVP is requested to provide an experience rate for the entire group, a demographic adjustment may be warranted. If MVP is offered on a slice basis and the quote is for full carrier replacement, MVP may adjust their own experience to reflect the demographics of the entire group. If claims experience is obtained for the rest of the group then that will be used instead. See the Experience Rating Addendum for the demographic factors.
- 13. Prior Period Adjustment Factor** – In most cases, the underwriter will be looking at the most recent 12 months of a group's experience with 2 months of runoff. However, there may be instances where the underwriter will look at another claim period for the group and combine it with the most recent experience period. An example of this may be if a group had an unusually high number of large claims in the current period, the underwriter could look at the prior period to evaluate the large claim history. In the event the prior period history is very different, the underwriter could dampen the impact of the extraordinary large claims by blending the two periods together.

The calculation of this adjustment factor is shown in the attached Exhibit B. The calculation of the Adjusted PMPM Net Claim amount is done in the same manner as in Exhibit A for the current experience period (Period 1) and is repeated for the prior experience period as well (Period 2). A weighted average of the two is then computed based on Period Weights assumed by the underwriter. The average PMPM is divided by the Period 1 PMPM to derive the Period Period Adjustment Factor.

The Period weight is the amount of weight given to each period. See the Experience Rating Addendum for details.

- 14. Network Adjustment Factor** – An adjustment to reflect differences in network providers, contractual provider reimbursement rates, gatekeeper vs. no gatekeeper, and referral vs. open access between the experience period data and the product being quoted. The calculation of any adjustment to the paid claims will be documented in the group file. See Experience Rating Addendum for details.
- 15. Benefit Adjustment** – An adjustment to reflect material differences between the benefits inherent in the groups historical paid claim experience and the benefits being proposed in the quote. The factor will be calculated and applied separately to the Medical vs. the Prescription Drug claims. The calculation of any adjustment to the paid claims will be documented in the group file. See Experience Rating Addendum for details.

16. ***Pooling Charge %*** - The load applicable to the pooling level selected. See Experience Rating Addendum for details.
17. ***Adjusted PMPM Net Claims*** – The net incurred claims after applying the experience adjustments.
18. ***Covered Lives Assessment (CLA)*** – The amount paid for the Covered Lives Assessment. See the Experience Rating Addendum for detail.
19. ***Indigent Care*** – The amount paid to the State Public Goods Pool. This does not apply to Rx claims. See Experience Rating Addendum for detail.
20. ***Experience Pure Premium*** – Equal to the Adjusted PMPM Net Claims multiplied by the Prior Period Adjustment Factor, if applicable plus the PMPM CLA and Indigent Care expenses.

IV: EMPLOYER SPECIFIC PREMIUM RATES (part 3)

The results of Sections II and III above are blended together using credibility factors to determine the blended pure premium. Final adjustments, explained below, are then applied to arrive at the premium for the group. The premiums for the group's specific tier structure being quoted are then derived from this.

BLENDING OF EXPERIENCE PURE PREMIUM AND ADJUSTED MANUAL PURE PREMIUM

1. ***Adjusted Manual Pure Premium*** –Section II, line 6
2. ***Experience Pure Premium*** –Section III, line 20
3. ***Experience Credibility Weight*** – The weight assigned to the Experience Pure Premium based on the member months from the experience period. See the Experience Rate Addendum for the applicable credibility table.
4. ***Blended Pure Premium*** – The weighted average of the Adjusted Manual Pure Premium and the Experience Pure Premium based on the credibility assigned to the group.
5. ***Group Risk Assessment Factor*** – Rating factors to reflect specific characteristics of the group. See the Experience Rating Addendum.
6. ***New Business Discount Factor*** – See the Experience Rate Addendum for details.
7. ***Retrospective Financial Underwriting Factor*** – The additional risk charge applied when the group is using retrospective experience rating. See the Experience Rating Addendum for the applicable factors.

8. **Network Access Fee** – In the event the group has members who live outside of MVP’s service area, MVP’s rental network assesses an out-of-network access fee. The access fee is charged per OOA subscriber and then translated into a PMPM fee based on the group’s total membership. See the Experience Rating Addendum for the network access fee.
9. **Retention Excluding Premium Tax** – The expense loads added to pure premium to cover general administrative fees, bad debt, risk charges, broker fees, net reinsurance, etc. See Experience Rating Addendum for details.
10. **Premium Tax** – The amount of premium tax. It is a percentage of premium and shown as a PMPM value. See Experience Rating Addendum for details.
11. **Group Required Pure Premium** – $(4 \times 5 \times 6 \times 7) + 8 + 9 + 10$

PREMIUM RATE DEVELOPMENT

12. Employer Specific Loading Factor – Converts the Group Specific Pure Premium to Single, Double, Parent/Child(ren), and Family premiums. A group can choose a two-tier, three-tier, or four-tier billing structure. A group specific Step-Up Factor is calculated using the group census and the group’s desired load ratios.

If MVP doesn’t have credible census information for the group the premium conversion factors from an MVP community rate filing will be used.

13. **Final Premium Rates** – 11 x 12. When more than one plan is offered to an employer, the rates for each plan are developed in a consistent manner as described here. In the case where the employer’s own claim’s experience is being used to develop the premium rates, the actual claims are allocated back to the individual products based on the expected cost of each benefit plan.

Renewal Rate Cap Guarantee – A maximum renewal increase (cap) may be offered to select employer groups at point of sale for a new group or upon renewal for an existing group. If a cap is offered, the group’s next renewal premium derived via this formula will be constrained by the maximum agreed upon renewal increase. A cap will be considered only for groups with a minimum of 100 enrolled subscribers and where MVP is the only carrier offering health insurance to the group. The group must have 2 years of claim history available for review in the rate setting, regardless of whether it is a new or existing case and there are no ongoing large claimants. Groups that meet these selection criteria will be considered on a case by case basis for the cap offer. Not every group that meets these criteria will be offered a renewal increase cap. The maximum renewal increase offered will be at least equal to the projected trend rate used in the rate setting plus some margin. The amount of the margin will depend on the risk characteristics of the group.

V: RETROSPECTIVE EXPERIENCE RATE ACCOUNTING

MVP offers two options for Retrospective Accounting:

- 1) Underwriting gains and losses are shared with the group
- 2) Only underwriting gains are shared with the group

All retrospectively rated groups will pay a risk charge above the standard retention expenses associated with prospectively rated groups. This risk charge is outlined in the Experience Rating Addendum filed under separate cover and updated annually.

The Underwriting gain or loss for each retrospectively rated large group is determined annually using the prior policy years' incurred claim expense and 3 months of paid claim run out plus an additional amount for assumed IBNR claims.

To determine if the group is in a gain or loss position the actual premium collected over the policy year is compared to the actual incurred claims (including an estimate for IBNR) plus the PMPM fee for service medical claim expenses and non claim expenses from the group's premium rate development for that policy year. The actual incurred claims used will be net of any individual member claims over the pooling point purchased by the group for that policy year.

The group is in a gain position if the actual premium collected is greater than the sum of the estimated total incurred claims, the non fee for service medical expenses and the non claim expenses. If not, the group is in a loss position. Underwriting gains, or a portion of, are returned to the group. Underwriting losses, depending on the group contract, will either be the groups or MVP's responsibility.

VII: MINIMUM PREMIUM FUNDING ARRANGEMENT

An employer group can use Minimum Premium Funding by attaching a Minimum Premium Funding Arrangement (MPFA) rider to the group contract. MVP will utilize the large group formula to establish the Claims Liability Rate and other items in the MPFA rider. Exhibit A, attached, Section V. shows the calculations necessary to complete the MPFA rider.

1. ***Final Premium Rates*** – The final rates as determined using the MVP Large Group formula.
2. ***Retention Rate*** – The amount of retention included in the Final Premium Rates. The group is billed separately for retention charges.
3. ***Claims Liability Rate (CLR)*** – Line 1 minus Line 2, or the premium rates without retention.

4. **Claims Fluctuation Margin** - Addendum value. Also sometimes referred to as the Minimum Premium “Risk Corridor”, the amount of risk over the claims projection to be absorbed by the employer group. The amount of risk assumption will vary by group size and risk characteristics of the group.
5. **Maximum Monthly Premium Liability (MPL)** – Line 3 x Line 4 x the number of subscribers in each premium tier for the month. The MPL will be used to determine any monthly gain or loss by comparing against actual claims in the month. Over the contract period, the cumulative gain or loss is determined by comparing the cumulative MPT to the cumulative actual claims paid. Settlements of gains and losses will be described in the MPFA rider language.

VIII: EARLY QUOTING CLAUSE

Large Employers often require firm rate proposals 7-9 months in advance of the renewal effective date due to the effort required to coordinate renewals from multiple carriers and prepare open enrollment materials for their employees. It is usually the case that MVP does not yet have the next calendar year addendum values finalized and ready to quote and file this far in advance.

Upon request, for accounts with at least 2,000 total employees, MVP will develop the group’s premium rates based on the current formula and addendum values. Once MVP finalizes the next calendar year addendum factors and formula, all rates calculated thereafter will be based on the updated formula and addendum.

CERTIFICATION

I believe the rating formula described herein is consistent with industry norms, follows sound actuarial and underwriting principals and the rating factors used and documented in the Experience Rating Addendum are reasonable relative to MVP’s book of business and industry norms.

I have reviewed the provisions of Vermont Insurance Law. It is my opinion that this rating formula complies with the requirements of those provisions.



Eric Bachner, ASA

August 7, 2017
Date



MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - June 30, 2018

- Exhibit 1 -- Summary of Medical Coplans Offered
- Exhibit 2a -- 1Q 2018 Pricing Trend Assumptions
- Exhibits 2b-2d -- 1Q 2018 Rx Paid Trend Development
- Exhibit 2e -- 2Q 2018 Pricing Trend Assumptions
- Exhibits 2f-2h -- 2Q 2018 Rx Paid Trend Development
- Exhibit 3a -- 1Q 2018 Claim Projection and Proposed Rate Change
- Exhibit 3b -- 2Q 2018 Claim Projection and Proposed Rate Change
- Exhibit 4a -- Medical Manual Rates
- Exhibit 4b -- Medical Rider Rates
- Exhibit 4c -- Rx Rider Rates

Exhibit 1 -- Summary of Medical Coplans Offered

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - June 30, 2018

2018 Coplan	2017 Coplan	Product Type	In-Network Benefits										Out-of-Network Benefits			Pharmacy
			PCP	SCP	IP (Med/Surg)	ER	OP Surg	DME	Amb	Ded	Coins.	OOP Max	Coins	Ded	OOP Max	
VE2-021	VE021L	HyEPO	\$20	\$20	20%	\$100	20%	50%	20%	\$2,000	20%	\$4,000	N/A	N/A	N/A	Riders Available
VE2-085	VE085L	EPO	\$20	\$20	\$500	\$100	\$150	50%	\$100	\$0	0%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-087	VE087L	EPO	\$25	\$40	\$500	\$100	\$150	50%	\$100	\$0	0%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-089	VE089L	EPO	\$30	\$50	\$1,000	\$100	\$150	50%	\$100	\$0	0%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-090	VE090L	HyEPO	\$20	\$20	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	N/A	N/A	N/A	Riders Available
VE2-091	VE091L	HyEPO	\$20	\$20	20%	\$100	20%	50%	20%	\$3,000	20%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-092	VE092L	HyEPO	\$20	\$20	20%	\$100	20%	50%	20%	\$1,000	20%	\$2,000	N/A	N/A	N/A	Riders Available
VE2-093	VE093L	HyEPO	\$20	\$20	20%	\$100	20%	50%	20%	\$2,000	20%	\$4,000	N/A	N/A	N/A	Riders Available
VE2-095	VE095L	HyEPO	\$25	\$40	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	N/A	N/A	N/A	Riders Available
VE2-096	VE096L	HyEPO	\$25	\$40	20%	\$100	20%	50%	20%	\$2,000	20%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-100	VE100L	HyEPO	\$25	\$40	20%	\$100	20%	50%	20%	\$2,000	20%	\$4,000	N/A	N/A	N/A	Riders Available
VE2-101	VE101L	HyEPO	\$25	\$40	20%	\$100	20%	50%	20%	\$3,000	20%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-102	VE102L	HyEPO	\$30	\$50	20%	\$100	20%	50%	20%	\$500	20%	\$1,500	N/A	N/A	N/A	Riders Available
VE2-103	VE103L	HyEPO	\$30	\$50	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	N/A	N/A	N/A	Riders Available
VE2-105	VE105L	HyEPO	\$30	\$50	20%	\$100	20%	50%	20%	\$1,000	20%	\$2,000	N/A	N/A	N/A	Riders Available
VE2-106	VE106L	HyEPO	\$30	\$50	20%	\$100	20%	50%	20%	\$2,000	20%	\$4,000	N/A	N/A	N/A	Riders Available
VE2-107	VE107L	HyEPO	\$30	\$50	20%	\$100	20%	50%	20%	\$3,000	20%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-110	VE110L	HyEPO	\$30	\$30	20%	\$200	20%	50%	20%	\$2,000	20%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-111	VE111L	HyEPO	\$30	\$30	\$0	\$200	\$0	50%	\$0	\$3,000	0%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-116	VE116L	HyEPO	\$30	\$50	\$0	\$200	\$0	50%	\$0	\$5,000	0%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-117	VE117L	HyEPO	\$0	\$0	\$0	\$0	\$0	50%	\$0	\$5,000	0%	\$5,000	N/A	N/A	N/A	Riders Available
VE2-118	N/A	HyEPO	\$30	\$0	\$0	\$0	\$0	0%	\$0	\$4,000	0%	\$4,000	N/A	N/A	N/A	Riders Available
VE2-119	N/A	HyEPO	\$50	\$0	\$0	\$0	\$0	0%	\$0	\$5,000	0%	\$5,000	N/A	N/A	N/A	Riders Available
VP2-060	VP060L	HyPPO	\$20	\$20	20%	\$100	20%	50%	20%	\$500	20%	\$1,500	40%	\$1,000	\$3,000	Riders Available
VP2-061	VP061L	HyPPO	\$20	\$20	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	40%	\$2,000	\$6,000	Riders Available
VP2-062	VP062L	HyPPO	\$20	\$20	20%	\$100	20%	50%	20%	\$2,000	20%	\$5,300	40%	\$4,000	\$12,000	Riders Available
VP2-063	VP063L	HyPPO	\$20	\$20	20%	\$100	20%	50%	20%	\$500	20%	\$1,000	40%	\$1,000	\$3,000	Riders Available
VP2-065	VP065L	HyPPO	\$25	\$40	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	40%	\$2,000	\$6,000	Riders Available
VP2-066	VP066L	HyPPO	\$25	\$40	20%	\$100	20%	50%	20%	\$2,000	20%	\$5,300	40%	\$4,000	\$12,000	Riders Available
VP2-067	VP067L	HyPPO	\$25	\$40	20%	\$100	20%	50%	20%	\$3,000	20%	\$5,300	40%	\$6,000	\$18,000	Riders Available
VP2-071	VP071L	HyPPO	\$30	\$50	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	40%	\$2,000	\$6,000	Riders Available
VP2-072	VP072L	HyPPO	\$30	\$50	20%	\$100	20%	50%	20%	\$2,000	20%	\$5,300	40%	\$4,000	\$12,000	Riders Available
VP2-073	VP073L	HyPPO	\$30	\$50	20%	\$100	20%	50%	20%	\$3,000	20%	\$5,300	40%	\$6,000	\$18,000	Riders Available
VEHD2-01	VEHD-01L	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$1,500	0%	\$2,500	N/A	N/A	N/A	\$10/\$30/\$50
VEHD2-02	VEHD-02L	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$2,500	0%	\$3,500	N/A	N/A	N/A	\$10/\$30/\$50
VEHD2-06	VEHD-06L	HDEPOagg	10%	10%	10%	10%	10%	10%	10%	\$2,500	10%	\$5,000	N/A	N/A	N/A	10%/10%/30%
VEHD2-07	VEHD-07L	HDEPOagg	20%	20%	20%	20%	20%	20%	20%	\$1,500	20%	\$3,000	N/A	N/A	N/A	20%/20%/40%
VEHD2-08	VEHD-08L	HDEPOagg	20%	20%	20%	20%	20%	20%	20%	\$2,000	20%	\$4,000	N/A	N/A	N/A	20%/20%/40%
VEHD2-09	VEHD-09L	HDEPOagg	20%	20%	20%	20%	20%	20%	20%	\$2,500	20%	\$5,000	N/A	N/A	N/A	20%/20%/40%
VEHD2-15	VEHD-15L	HDEPOagg	20%	20%	20%	20%	20%	20%	20%	\$2,500	20%	\$5,000	N/A	N/A	N/A	50%
VEHD2-17	VEHD-17L	HDEPOagg	\$30	\$50	\$500	\$150	\$200	50%	\$150	\$2,500	0%	\$5,000	N/A	N/A	N/A	\$10/\$30/\$50
VEHD2-19	VEHD-19L	HDEPO	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$5,000	0%	\$5,000	N/A	N/A	N/A	\$0 after Deductible
VEHD2-41	VEHD-41L	HDEPO	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$2,600	0%	\$2,600	N/A	N/A	N/A	\$0 after Deductible
VEHD2-42	VEHD-42L	HDEPO	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$3,000	0%	\$3,000	N/A	N/A	N/A	\$0 after Deductible
VEHD2-43	VEHD-43L	HDEPO	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$4,000	0%	\$4,000	N/A	N/A	N/A	\$0 after Deductible
VEHD2-45	VEHD-45L	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$2,600	0%	\$2,600	N/A	N/A	N/A	\$0 after Deductible
VEHD2-46	VEHD-46L	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$3,000	0%	\$3,000	N/A	N/A	N/A	\$0 after Deductible
VEHD2-50	VEHD-50L	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$6,550	0%	\$6,550	N/A	N/A	N/A	\$0 after Deductible
VEHD2-51	N/A	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$6,650	0%	\$6,650	N/A	N/A	N/A	\$0 after Deductible
VPHD2-03	VPHD-03L	HDPPPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$5,000	0%	\$5,000	20%	\$10,000	\$20,000	\$0 after Deductible
VPHD2-05	VPHD-05L	HDPPPOagg	10%	10%	10%	10%	10%	10%	10%	\$2,000	10%	\$4,000	30%	\$4,000	\$8,000	10%/10%/30%
VPHD2-07	VPHD-07L	HDPPPOagg	20%	20%	20%	20%	20%	20%	20%	\$1,500	20%	\$3,000	40%	\$3,000	\$6,000	20%/20%/40%
VPHD2-15	VPHD-15L	HDPPPOagg	20%	20%	20%	20%	20%	20%	20%	\$2,500	20%	\$5,000	40%	\$5,000	\$10,000	50%

Exhibit 2a -- Pricing Trend Assumptions -- 1Q Projection

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

Experience Period:	January 1, 2016 - December 31, 2016
Rating Period:	January 1, 2018 - December 31, 2018

Months of Trend	2017	2018	2019	Total
	12	12	0	24

Medical Trend Summary

2017 Annual Trend

	% of Allowed			
	Claims	Unit Cost	Utilization	Total
IP	19.9%	4.2%	0.0%	4.2%
OP and Other Med	49.9%	3.9%	1.0%	5.0%
PHY	30.2%	-2.4%	0.4%	-2.0%
Medical Total		2.1%	0.6%	2.7%

2018 Annual Trend

	% of Allowed			
	Claims	Unit Cost	Utilization	Total
IP	20.1%	5.0%	0.0%	5.0%
OP and Other Med	51.0%	4.7%	1.0%	5.7%
PHY	28.8%	-2.6%	0.4%	-2.3%
Medical Total		2.6%	0.6%	3.3%

2019 Annual Trend

	% of Allowed			
	Claims	Unit Cost	Utilization	Total
IP	20.5%	5.0%	0.0%	5.0%
OP and Other Med	52.3%	4.7%	1.0%	5.7%
PHY	27.3%	-2.6%	0.4%	-2.3%
Medical Total		2.7%	0.6%	3.4%

Leveraging Impact - Large Group Non-HDHP Fee-For-Service Medical Claims

Member Months	16,423				
	Allowed	Coinsurance	Copay	Deductible	Paid*
Experience Period:	\$381.84	\$7.86	\$17.32	\$20.31	\$336.36
24 Months of Trend:	1.061	1.061	1.012	1.007	1.066
Projection Period:	\$405.01	\$8.33	\$17.53	\$20.46	\$358.69
Allowed Trend (Annual)	3.0%				
Paid Trend (Annual)	3.3%				
Leveraging (Annual)	0.3%				

Leveraging Impact - Large Group HDHP Fee-For-Service Medical Claims

Member Months	13,251				
	Allowed	Coinsurance	Copay	Deductible	Paid*
Experience Period:	\$290.48	\$5.75	\$0.00	\$72.96	\$211.76
24 Months of Trend:	1.061	1.061	1.012	1.019	1.075
Projection Period:	\$308.11	\$6.10	\$0.00	\$74.36	\$227.65
Allowed Trend (Annual)	3.0%				
Paid Trend (Annual)	3.7%				
Leveraging (Annual)	0.7%				

Leveraging Impact - Large Group Fee-For-Service Medical Claims

	Allowed	Coinsurance	Copay	Deductible	Paid*
Experience Period:	\$341.04	\$6.92	\$9.59	\$43.82	\$280.72
24 Months of Trend:	1.061	1.061	1.012	1.016	1.069
Projection Period:	\$361.74	\$7.34	\$9.71	\$44.53	\$300.17
Allowed Trend (Annual)	3.0%				
Paid Trend (Annual)	3.4%				
Leveraging (Annual)	0.4%				

ignores impact of removing high cost claims and replacing with pooling charge. Paid projection will not tie out to FFS claim projection on Tab 30 unless these adjustments are taken into account.

Rx Trend Summary

	2017 Trend		2018 Trend		2019 Trend	
	Unit Cost	Utilization	Unit Cost	Utilization	Unit Cost	Utilization
Generic	-4.1%	2.9%	1.3%	3.3%	1.3%	3.3%
Brand	13.9%	1.5%	13.8%	-1.0%	13.8%	-1.0%
Specialty	6.8%	6.7%	8.6%	7.3%	8.6%	7.3%

Exhibit 2b -- Rx Trend Development - 1Q
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MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

Experience Period: January 1, 2016 - December 31, 2016

Paid Through: May 31, 2017

Member Months with Rx Benefit: 29,674

Rx Claim Information	Generic	Brand	Specialty	Total
Experience Period Scripts / 1000	9,218	824	113	10,155
Experience Period Allowed PMPM	\$14.92	\$16.96	\$29.34	\$61.21
Experience Period Deductible PMPM	\$1.69	\$0.87	\$0.33	\$2.88
Experience Period Copay PMPM	\$2.67	\$1.58	\$0.18	\$4.43
Experience Period Coinsurance PMPM	\$0.46	\$0.37	\$1.14	\$1.97
Experience Period Cost Sharing PMPM	\$4.82	\$2.82	\$1.65	\$9.29
Experience Period Paid PMPM	\$10.09	\$14.14	\$27.69	\$51.92
Annual Util Trend	1.031	1.003	1.070	1.029
Annual Unit Cost Trend	0.986	1.138	1.077	1.086
Annual Deductible Trend	1.009	1.009	1.009	1.009
Annual Paid Trend	1.013	1.163	1.155	1.131
Months of Trend to Q1 2018	24	24	24	24
Projected Scripts / 1000 as of Q1 2018	9,796	828	130	10,754
Projected Allowed PMPM as of Q1 2018	\$15.40	\$22.09	\$38.96	\$76.46
Projected Deductible PMPM	\$1.72	\$0.88	\$0.33	\$2.94
Projected Copay PMPM	\$2.84	\$1.59	\$0.21	\$4.63
Projected Coinsurance PMPM	\$0.48	\$0.49	\$1.51	\$2.47
Projected Cost Sharing PMPM as of Q1 2018	\$5.04	\$2.96	\$2.05	\$10.04
Projected Paid PMPM as of Q1 2018	\$10.36	\$19.14	\$36.91	\$66.41

Exhibit 2c -- Rx Trend Development - Non-HDHP 1Q

MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

Experience Period: January 1, 2016 - December 31, 2016
Paid Through: May 31, 2017
Member Months with Rx Benefit: 16,423

Rx Claim Information	Generic	Brand	Specialty	Total
Experience Period Scripts / 1000	11,178	1,055	146	12,379
Experience Period Allowed PMPM	\$21.05	\$23.50	\$39.99	\$84.54
Experience Period Deductible PMPM	\$0.00	\$0.00	\$0.00	\$0.00
Experience Period Copay PMPM	\$4.58	\$2.72	\$0.32	\$7.62
Experience Period Coinsurance PMPM	\$0.51	\$0.32	\$2.05	\$2.88
Experience Period Cost Sharing PMPM	\$5.09	\$3.03	\$2.37	\$10.50
Experience Period Paid PMPM	\$15.96	\$20.47	\$37.62	\$74.04
Annual Util Trend	1.031	1.003	1.070	1.029
Annual Unit Cost Trend	0.986	1.138	1.077	1.085
Annual Deductible Trend	1.000	1.000	1.000	1.000
Annual Paid Trend	1.012	1.159	1.153	1.126
Months of Trend to Q1 2018	24	24	24	24
Projected Scripts / 1000 as of Q1 2018	11,879	1,061	167	13,107
Projected Allowed PMPM as of Q1 2018	\$21.73	\$30.62	\$53.11	\$105.46
Projected Deductible PMPM	\$0.00	\$0.00	\$0.00	\$0.00
Projected Copay PMPM	\$4.87	\$2.73	\$0.37	\$7.97
Projected Coinsurance PMPM	\$0.53	\$0.41	\$2.73	\$3.67
Projected Cost Sharing PMPM as of Q1 2018	\$5.40	\$3.14	\$3.09	\$11.63
Projected Paid PMPM as of Q1 2018	\$16.33	\$27.48	\$50.02	\$93.83

Exhibit 2d -- Rx Trend Development - HDHP 1Q

MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

Experience Period: January 1, 2016 - December 31, 2016
Paid Through: May 31, 2017
Member Months: 13,251

Rx Claim Information	Generic	Brand	Specialty	Total
Experience Period Scripts / 1000	6,789	537	72	7,399
Experience Period Allowed PMPM	\$7.32	\$8.85	\$16.13	\$32.30
Experience Period Deductible PMPM	\$3.78	\$1.94	\$0.73	\$6.46
Experience Period Copay PMPM	\$0.30	\$0.17	\$0.01	\$0.48
Experience Period Coinsurance PMPM	\$0.41	\$0.44	\$0.00	\$0.85
Experience Period Cost Sharing PMPM	\$4.49	\$2.56	\$0.74	\$7.79
Experience Period Paid PMPM	\$2.83	\$6.29	\$15.39	\$24.51
Annual Util Trend	1.031	1.003	1.070	1.029
Annual Unit Cost Trend	0.986	1.138	1.077	1.088
Annual Deductible Trend	1.009	1.009	1.009	1.009
Annual Paid Trend	1.023	1.183	1.159	1.150
Months of Trend to Q1 2018	24	24	24	24
Projected Scripts / 1000 as of Q1 2018	7,215	540	83	7,838
Projected Allowed PMPM as of Q1 2018	\$7.55	\$11.53	\$21.42	\$40.51
Projected Deductible PMPM	\$3.85	\$1.98	\$0.75	\$6.58
Projected Copay PMPM	\$0.32	\$0.17	\$0.01	\$0.50
Projected Coinsurance PMPM	\$0.42	\$0.58	\$0.00	\$1.00
Projected Cost Sharing PMPM as of Q1 2018	\$4.59	\$2.73	\$0.76	\$8.07
Projected Paid PMPM as of Q1 2018	\$2.96	\$8.80	\$20.67	\$32.43

Exhibit 2e -- Pricing Trend Assumptions -- 2Q Projection

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

Experience Period:	January 1, 2016 - December 31, 2016
Rating Period:	April 1, 2018 - March 31, 2019

Months of Trend	2017	2018	2019	Total
	12	12	3	27

Medical Trend Summary

2017 Annual Trend				
% of Allowed				
	Claims	Unit Cost	Utilization	Total
IP	19.9%	4.2%	0.0%	4.2%
OP and Other Med	49.9%	3.9%	1.0%	5.0%
PHY	30.2%	-2.4%	0.4%	-2.0%
Medical Total		2.1%	0.6%	2.7%

2018 Annual Trend				
% of Allowed				
	Claims	Unit Cost	Utilization	Total
IP	20.1%	5.0%	0.0%	5.0%
OP and Other Med	51.0%	4.7%	1.0%	5.7%
PHY	28.8%	-2.6%	0.4%	-2.3%
Medical Total		2.6%	0.6%	3.3%

2019 Annual Trend				
% of Allowed				
	Claims	Unit Cost	Utilization	Total
IP	20.5%	5.0%	0.0%	5.0%
OP and Other Med	52.3%	4.7%	1.0%	5.7%
PHY	27.3%	-2.6%	0.4%	-2.3%
Medical Total		2.7%	0.6%	3.4%

Leveraging Impact - Large Group Non-HDHP Fee-For-Service Medical Claims						
	Member Months	Allowed	Coinsurance	Copay	Deductible	Paid*
	16,423					
Experience Period:		\$381.84	\$7.86	\$17.32	\$20.31	\$336.36
27 Months of Trend:		1.070	1.070	1.014	1.008	1.076
Projection Period:		\$408.41	\$8.40	\$17.56	\$20.48	\$361.97
Allowed Trend (Annual)		3.0%				
Paid Trend (Annual)						3.3%
Leveraging (Annual)						0.3%

Leveraging Impact - Large Group HDHP Fee-For-Service Medical Claims						
	Member Months	Allowed	Coinsurance	Copay	Deductible	Paid*
	13,251					
Experience Period:		\$290.48	\$5.75	\$0.00	\$72.96	\$211.76
27 Months of Trend:		1.070	1.070	1.014	1.022	1.086
Projection Period:		\$310.70	\$6.15	\$0.00	\$74.57	\$229.97
Allowed Trend (Annual)		3.0%				
Paid Trend (Annual)						3.7%
Leveraging (Annual)						0.7%

Leveraging Impact - Large Group Fee-For-Service Medical Claims					
	Allowed	Coinsurance	Copay	Deductible	Paid*
Experience Period:	\$341.04	\$6.92	\$9.59	\$43.82	\$280.72
27 Months of Trend:	1.070	1.070	1.014	1.019	1.079
Projection Period:	\$364.78	\$7.40	\$9.72	\$44.63	\$303.02
Allowed Trend (Annual)	3.0%				
Paid Trend (Annual)					3.5%
Leveraging (Annual)					0.4%

ignores impact of removing high cost claims and replacing with pooling charge. Paid projection will not tie out to FFS claim projection on Tab 3a unless these adjustments are taken into account.

Rx Trend Summary

	2017 Trend		2018 Trend		2019 Trend	
	Unit Cost	Utilization	Unit Cost	Utilization	Unit Cost	Utilization
Generic	-4.1%	2.9%	1.3%	3.3%	1.3%	3.3%
Brand	13.9%	1.5%	13.8%	-1.0%	13.8%	-1.0%
Specialty	6.8%	6.7%	8.6%	7.3%	8.6%	7.3%

Exhibit 2f -- Rx Trend Development - 2Q
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MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

Experience Period: January 1, 2016 - December 31, 2016

Paid Through: May 31, 2017

Member Months with Rx Benefit: 29,674

<u>Rx Claim Information</u>	<u>Generic</u>	<u>Brand</u>	<u>Specialty</u>	<u>Total</u>
Experience Period Scripts / 1000	9,218	824	113	10,155
Experience Period Allowed PMPM	\$14.92	\$16.96	\$29.34	\$61.21
Experience Period Deductible PMPM	\$1.69	\$0.87	\$0.33	\$2.88
Experience Period Copay PMPM	\$2.67	\$1.58	\$0.18	\$4.43
Experience Period Coinsurance PMPM	\$0.46	\$0.37	\$1.14	\$1.97
Experience Period Cost Sharing PMPM	\$4.82	\$2.82	\$1.65	\$9.29
Experience Period Paid PMPM	\$10.09	\$14.14	\$27.69	\$51.92
Annual Util Trend	1.031	1.001	1.070	1.029
Annual Unit Cost Trend	0.989	1.138	1.078	1.087
Annual Deductible Trend	1.010	1.010	1.010	1.010
Annual Paid Trend	1.018	1.161	1.156	1.132
Months of Trend to Q2 2018	27	27	27	27
Projected Scripts / 1000 as of Q2 2018	9,875	826	132	10,833
Projected Allowed PMPM as of Q2 2018	\$15.58	\$22.76	\$40.48	\$78.82
Projected Deductible PMPM	\$1.73	\$0.89	\$0.34	\$2.95
Projected Copay PMPM	\$2.86	\$1.58	\$0.21	\$4.66
Projected Coinsurance PMPM	\$0.48	\$0.50	\$1.57	\$2.55
Projected Cost Sharing PMPM as of Q2 2018	\$5.07	\$2.97	\$2.11	\$10.16
Projected Paid PMPM as of Q2 2018	\$10.50	\$19.79	\$38.36	\$68.66

Exhibit 2g -- Rx Trend Development - Non-HDHP 2Q

MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

Experience Period: January 1, 2016 - December 31, 2016

Paid Through: May 31, 2017

Member Months with Rx Benefit: 16,423

Rx Claim Information	Generic	Brand	Specialty	Total
Experience Period Scripts / 1000	11,178	1,055	146	12,379
Experience Period Allowed PMPM	\$21.05	\$23.50	\$39.99	\$84.54
Experience Period Deductible PMPM	\$0.00	\$0.00	\$0.00	\$0.00
Experience Period Copay PMPM	\$4.58	\$2.72	\$0.32	\$7.62
Experience Period Coinsurance PMPM	\$0.51	\$0.32	\$2.05	\$2.88
Experience Period Cost Sharing PMPM	\$5.09	\$3.03	\$2.37	\$10.50
Experience Period Paid PMPM	\$15.96	\$20.47	\$37.62	\$74.04
Annual Util Trend	1.031	1.001	1.070	1.029
Annual Unit Cost Trend	0.989	1.138	1.078	1.087
Annual Deductible Trend	1.000	1.000	1.000	1.000
Annual Paid Trend	1.016	1.157	1.155	1.127
Months of Trend to Q2 2018	27	27	27	27
Projected Scripts / 1000 as of Q2 2018	11,975	1,058	170	13,203
Projected Allowed PMPM as of Q2 2018	\$21.98	\$31.55	\$55.18	\$108.70
Projected Deductible PMPM	\$0.00	\$0.00	\$0.00	\$0.00
Projected Copay PMPM	\$4.91	\$2.72	\$0.38	\$8.01
Projected Coinsurance PMPM	\$0.53	\$0.42	\$2.83	\$3.79
Projected Cost Sharing PMPM as of Q2 2018	\$5.44	\$3.15	\$3.21	\$11.80
Projected Paid PMPM as of Q2 2018	\$16.53	\$28.40	\$51.97	\$96.90

Exhibit 2h -- Rx Trend Development - HDHP 2Q

MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

Experience Period: January 1, 2016 - December 31, 2016

Paid Through: May 31, 2017

Member Months: 13,251

<u>Rx Claim Information</u>	Generic	Brand	Specialty	Total
Experience Period Scripts / 1000	6,789	537	72	7,399
Experience Period Allowed PMPM	\$7.32	\$8.85	\$16.13	\$32.30
Experience Period Deductible PMPM	\$3.78	\$1.94	\$0.73	\$6.46
Experience Period Copay PMPM	\$0.30	\$0.17	\$0.01	\$0.48
Experience Period Coinsurance PMPM	\$0.41	\$0.44	\$0.00	\$0.85
Experience Period Cost Sharing PMPM	\$4.49	\$2.56	\$0.74	\$7.79
Experience Period Paid PMPM	\$2.83	\$6.29	\$15.39	\$24.51
Annual Util Trend	1.031	1.001	1.070	1.029
Annual Unit Cost Trend	0.989	1.138	1.078	1.089
Annual Deductible Trend	1.010	1.010	1.010	1.010
Annual Paid Trend	1.031	1.180	1.160	1.151
Months of Trend to Q2 2018	27	27	27	27
Projected Scripts / 1000 as of Q2 2018	7,273	538	84	7,896
Projected Allowed PMPM as of Q2 2018	\$7.64	\$11.88	\$22.26	\$41.78
Projected Deductible PMPM	\$3.86	\$1.98	\$0.75	\$6.60
Projected Copay PMPM	\$0.32	\$0.17	\$0.01	\$0.50
Projected Coinsurance PMPM	\$0.42	\$0.60	\$0.00	\$1.02
Projected Cost Sharing PMPM as of Q2 2018	\$4.61	\$2.75	\$0.76	\$8.12
Projected Paid PMPM as of Q2 2018	\$3.03	\$9.13	\$21.50	\$33.66

Exhibit 3a -- Claim Projection & Proposed Rate Change
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Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

LG HIC Claim Projection and Proposed Rate Change

Experience Period: January 1, 2016 - December 31, 2016

Paid Through: May 31, 2017

Experience Period Member Months	29,674
1) Experience Period Medical Claims PMPM	\$279.17
1a) Claims in Excess of \$100k over Experience Period	\$14.04
1b) Pooling Charge	1.0916
2) IBNR Factor	1.006
3) Experience Period Incurred Medical Claims $= [1) - 1a)] * 1b) * 2)$	\$291.02
4) Annual Medical Trend <i>Includes Paid Leveraging</i>	1.034
5) Months of Trend to Q1 2018	24
6) NY State HCRA Surcharge	0.25%
7) Trended Incurred Medical Claims PMPM as of Q1 2018 $= [3) * 4) ^ [5) / 12]] * [1 + 6)]$	\$311.96
8) Experience Period Rx Claims PMPM	\$51.92
8a) Rx Claims in Excess of \$100k over Experience Period	\$2.51
8b) Pooling Charge	1.0916
8c) Pharmacy Benefit Carve-in	\$0.35
9) Annual Rx Trend <i>Includes Paid Leveraging</i>	1.131
10) Months of Trend to Q1 2018	24
11) Trended Gross Rx Claims PMPM as of Q1 2018 $= [8) - 8a) + 8c)] * 8b) * [9)] ^ [10) / 12]$	\$69.49
11a) Rx Rebates	(\$14.94)
12) Trended Net Rx Claims PMPM as of Q1 2018 $= 11) + 11a)$	\$54.55
13) Capitations and Non-FFS Claim Expenses	\$10.47
14a) Industry Normalization Factor	0.997
14b) Impact of Membership Growth/Decline on Experience Pd Claims	0.995
15) Total Claim Cost as of Q1 2018 $= [[7) + 11)] * 14a) * 14b)] + 13)$	\$374.37
16) Projected Net Revenue Collected at Q4 2017 Rate Level	\$386.45
17) Proposed Quarterly Rate Change $= 15) / 16) - 1$	-3.1%

Exhibit 3b -- Claim Projection & Proposed Rate Change
--

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

LG HIC Claim Projection and Proposed Rate Change

Experience Period: January 1, 2016 - December 31, 2016
Paid Through: May 31, 2017

Experience Period Member Months	29,674	
1) Experience Period Medical Claims PMPM	\$279.17	
1a) Claims in Excess of \$100k over Experience Period	\$14.04	
1b) Pooling Charge	1.0916	
2) IBNR Factor	1.006	
3) Experience Period Incurred Medical Claims $= [1) - 1a)] * 1b) * 2)$	\$291.02	
4) Annual Medical Trend <i>Includes Paid Leveraging</i>	1.035	
5) Months of Trend to Q2 2018	27	
6) NY State HCRA Surcharge	0.25%	
7) Trended Incurred Medical Claims PMPM as of Q2 2018 $= [3) * 4) ^ [5) / 12]] * [1 + 6)]$	\$314.93	
8) Experience Period Rx Claims PMPM	\$51.92	
8a) Rx Claims in Excess of \$100k over Experience Period	\$2.51	
8b) Pooling Charge	1.0916	
8c) Pharmacy Benefit Carve-in	\$0.35	
9) Annual Rx Trend <i>Includes Paid Leveraging</i>	1.132	
10) Months of Trend to Q2 2018	27	
11) Trended Gross Rx Claims PMPM as of Q2 2018 $= [8) - 8a) + 8c)] * 8b) * [9)] ^ [10) / 12]$	\$71.84	
11a) Rx Rebates	(\$14.98)	
12) Trended Net Rx Claims PMPM as of Q2 2018 $= 11) + 11a)$	\$56.86	
13) Capitations and Non-FFS Claim Expenses	\$10.47	
14a) Industry Normalization Factor	0.997	
14b) Impact of Membership Growth/Decline on Experience Pd Clai	0.995	
15) Total Claim Cost as of Q2 2018 $= [[7) + 11)] * 14a) * 14b)] + 13)$	\$379.61	
16) Projected Claim Cost Q1 2018 <i>Based on distribution of experience period members</i>	\$374.37	
17) Proposed Quarterly Rate Change $= 15) / 16) - 1$	<table border="1"> <tr> <td>1.4%</td> </tr> </table>	1.4%
1.4%		

Exhibit 4a -- Medical Manual Rates (Q1 2018)

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

2018 Coplan	2017 Coplan	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change	Annual Revenue Change
VE2-021	VE021L	HyEPO	\$348.30	-3.1%	4.8%	5.8%
VE2-085	VE085L	EPO	\$431.55	-3.1%	4.8%	5.8%
VE2-087	VE087L	EPO	\$422.28	-3.1%	4.8%	5.8%
VE2-089	VE089L	EPO	\$409.29	-3.1%	4.8%	5.8%
VE2-090	VE090L	HyEPO	\$370.36	-3.1%	4.8%	5.8%
VE2-091	VE091L	HyEPO	\$332.73	-3.1%	4.8%	5.8%
VE2-092	VE092L	HyEPO	\$380.76	-3.1%	4.8%	5.8%
VE2-093	VE093L	HyEPO	\$348.30	-3.1%	4.8%	5.8%
VE2-095	VE095L	HyEPO	\$365.17	-3.1%	4.8%	5.8%
VE2-096	VE096L	HyEPO	\$335.32	-3.1%	4.8%	5.8%
VE2-100	VE100L	HyEPO	\$343.09	-3.1%	4.8%	5.8%
VE2-101	VE101L	HyEPO	\$326.98	-3.1%	4.8%	5.8%
VE2-102	VE102L	HyEPO	\$388.53	-3.1%	4.8%	5.8%
VE2-103	VE103L	HyEPO	\$359.96	-3.1%	4.8%	5.8%
VE2-105	VE105L	HyEPO	\$371.66	-3.1%	4.8%	5.8%
VE2-106	VE106L	HyEPO	\$339.22	-3.1%	4.8%	5.8%
VE2-107	VE107L	HyEPO	\$323.64	-3.1%	4.8%	5.8%
VE2-110	VE110L	HYEPO	\$332.73	-3.1%	4.8%	5.8%
VE2-111	VE111L	HYEPO	\$348.30	-3.1%	4.8%	5.8%
VE2-116	VE116L	HyEPO	\$324.74	-3.1%	4.8%	5.8%
VE2-117	VE117L	HyEPO	\$241.49	-3.1%	4.8%	5.8%
VE2-118	New Plan for 2018	HyEPO	\$283.58	N/A	N/A	N/A
VE2-119	New Plan for 2018	HyEPO	\$264.67	N/A	N/A	N/A
VP2-060	VP060L	HyPPO	\$414.76	-3.1%	4.8%	5.8%
VP2-061	VP061L	HyPPO	\$385.18	-3.1%	4.8%	5.8%
VP2-062	VP062L	HyPPO	\$348.64	-3.1%	4.8%	5.8%
VP2-063	VP063L	HyPPO	\$425.67	-3.1%	4.8%	5.8%
VP2-065	VP065L	HyPPO	\$379.78	-3.1%	4.8%	5.8%
VP2-066	VP066L	HyPPO	\$342.03	-3.1%	4.8%	5.8%
VP2-067	VP067L	HyPPO	\$330.24	-3.1%	4.8%	5.8%
VP2-071	VP071L	HyPPO	\$374.37	-3.1%	4.8%	5.8%
VP2-072	VP072L	HyPPO	\$338.04	-3.1%	4.8%	5.8%
VP2-073	VP073L	HyPPO	\$326.88	-3.1%	4.8%	5.8%
VEHD2-01	VEHD-01L	HDEPOagg	\$382.55	-3.1%	4.8%	5.8%
VEHD2-02	VEHD-02L	HDEPOagg	\$341.17	-3.1%	4.8%	5.8%
VEHD2-06	VEHD-06L	HDEPOagg	\$308.28	-3.1%	4.8%	5.8%
VEHD2-07	VEHD-07L	HDEPOagg	\$341.50	-3.1%	4.8%	5.8%
VEHD2-08	VEHD-08L	HDEPOagg	\$313.16	-3.1%	4.8%	5.8%
VEHD2-09	VEHD-09L	HDEPOagg	\$293.00	-3.1%	4.8%	5.8%
VEHD2-15	VEHD-15L	HDEPOagg	\$295.36	-3.1%	4.8%	5.8%
VEHD2-17	VEHD-17L	HDEPOagg	\$308.08	-3.1%	4.8%	5.8%
VEHD2-19	VEHD-19L	HDEPO	\$280.55	-3.1%	4.8%	5.8%
VEHD2-41	VEHD-41L	HDEPO	\$338.78	-4.2%	3.6%	4.6%
VEHD2-42	VEHD-42L	HDEPO	\$329.99	-3.1%	4.8%	5.8%
VEHD2-43	VEHD-43L	HDEPO	\$300.79	-3.1%	4.8%	5.8%
VEHD2-45	VEHD-45L	HDEPOagg	\$331.88	-3.1%	4.8%	5.8%
VEHD2-46	VEHD-46L	HDEPOagg	\$316.46	-3.1%	4.8%	5.8%
VEHD2-50	VEHD-50L	HDEPOagg	\$256.07	-3.1%	4.8%	5.8%
VEHD2-51	New Plan for 2018	HDEPOagg	\$254.34	N/A	N/A	N/A
VPHD2-03	VPHD-03L	HDPPOagg	\$281.81	-3.1%	4.8%	5.8%
VPHD2-05	VPHD-05L	HDPPOagg	\$336.40	-3.1%	4.8%	5.8%
VPHD2-07	VPHD-07L	HDPPOagg	\$350.73	-3.1%	4.8%	5.8%
VPHD2-15	VPHD-15L	HDPPOagg	\$298.01	-3.1%	4.8%	5.8%

Exhibit 4a -- Medical Manual Rates (Q2 2018)

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

2018 Coplan	2017 Coplan	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change	Annual Revenue Change
VE2-021	VE021L	HyEPO	\$353.18	1.4%	4.6%	4.7%
VE2-085	VE085L	EPO	\$437.59	1.4%	4.6%	4.7%
VE2-087	VE087L	EPO	\$428.19	1.4%	4.6%	4.7%
VE2-089	VE089L	EPO	\$415.02	1.4%	4.6%	4.7%
VE2-090	VE090L	HyEPO	\$375.55	1.4%	4.6%	4.7%
VE2-091	VE091L	HyEPO	\$337.39	1.4%	4.6%	4.7%
VE2-092	VE092L	HyEPO	\$386.09	1.4%	4.6%	4.7%
VE2-093	VE093L	HyEPO	\$353.18	1.4%	4.6%	4.7%
VE2-095	VE095L	HyEPO	\$370.28	1.4%	4.6%	4.7%
VE2-096	VE096L	HyEPO	\$340.01	1.4%	4.6%	4.7%
VE2-100	VE100L	HyEPO	\$347.89	1.4%	4.6%	4.7%
VE2-101	VE101L	HyEPO	\$331.56	1.4%	4.6%	4.7%
VE2-102	VE102L	HyEPO	\$393.97	1.4%	4.6%	4.7%
VE2-103	VE103L	HyEPO	\$365.00	1.4%	4.6%	4.7%
VE2-105	VE105L	HyEPO	\$376.86	1.4%	4.6%	4.7%
VE2-106	VE106L	HyEPO	\$343.97	1.4%	4.6%	4.7%
VE2-107	VE107L	HyEPO	\$328.17	1.4%	4.6%	4.7%
VE2-110	VE110L	HyEPO	\$337.39	1.4%	4.6%	4.7%
VE2-111	VE111L	HyEPO	\$353.18	1.4%	4.6%	4.7%
VE2-116	VE116L	HyEPO	\$329.29	1.4%	4.6%	4.7%
VE2-117	VE117L	HyEPO	\$244.87	1.4%	4.6%	4.7%
VE2-118	New Plan for 2018	HyEPO	\$287.55	1.4%	N/A	N/A
VE2-119	New Plan for 2018	HyEPO	\$268.38	1.4%	N/A	N/A
VP2-060	VP060L	HyPPO	\$420.57	1.4%	4.6%	4.7%
VP2-061	VP061L	HyPPO	\$390.57	1.4%	4.6%	4.7%
VP2-062	VP062L	HyPPO	\$353.52	1.4%	4.6%	4.7%
VP2-063	VP063L	HyPPO	\$431.63	1.4%	4.6%	4.7%
VP2-065	VP065L	HyPPO	\$385.10	1.4%	4.6%	4.7%
VP2-066	VP066L	HyPPO	\$346.82	1.4%	4.6%	4.7%
VP2-067	VP067L	HyPPO	\$334.86	1.4%	4.6%	4.7%
VP2-071	VP071L	HyPPO	\$379.61	1.4%	4.6%	4.7%
VP2-072	VP072L	HyPPO	\$342.77	1.4%	4.6%	4.7%
VP2-073	VP073L	HyPPO	\$331.46	1.4%	4.6%	4.7%
VEHD2-01	VEHD-01L	HDEPOagg	\$387.91	1.4%	4.6%	4.7%
VEHD2-02	VEHD-02L	HDEPOagg	\$345.95	1.4%	4.6%	4.7%
VEHD2-06	VEHD-06L	HDEPOagg	\$312.60	1.4%	4.6%	4.7%
VEHD2-07	VEHD-07L	HDEPOagg	\$346.28	1.4%	4.6%	4.7%
VEHD2-08	VEHD-08L	HDEPOagg	\$317.54	1.4%	4.6%	4.7%
VEHD2-09	VEHD-09L	HDEPOagg	\$297.10	1.4%	4.6%	4.7%
VEHD2-15	VEHD-15L	HDEPOagg	\$299.50	1.4%	4.6%	4.7%
VEHD2-17	VEHD-17L	HDEPOagg	\$312.39	1.4%	4.6%	4.7%
VEHD2-19	VEHD-19L	HDEPO	\$284.48	1.4%	4.6%	4.7%
VEHD2-41	VEHD-41L	HDEPO	\$343.52	1.4%	3.4%	3.4%
VEHD2-42	VEHD-42L	HDEPO	\$334.61	1.4%	4.6%	4.7%
VEHD2-43	VEHD-43L	HDEPO	\$305.00	1.4%	4.6%	4.7%
VEHD2-45	VEHD-45L	HDEPOagg	\$336.53	1.4%	4.6%	4.7%
VEHD2-46	VEHD-46L	HDEPOagg	\$320.89	1.4%	4.6%	4.7%
VEHD2-50	VEHD-50L	HDEPOagg	\$259.65	1.4%	4.6%	4.7%
VEHD2-51	New Plan for 2018	HDEPOagg	\$257.90	1.4%	N/A	N/A
VPHD2-03	VPHD-03L	HDPPOagg	\$285.76	1.4%	4.6%	4.7%
VPHD2-05	VPHD-05L	HDPPOagg	\$341.11	1.4%	4.6%	4.7%
VPHD2-07	VPHD-07L	HDPPOagg	\$355.64	1.4%	4.6%	4.7%
VPHD2-15	VPHD-15L	HDPPOagg	\$302.18	1.4%	4.6%	4.7%

Exhibit 4b -- Medical Riders (Q1 2018)

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
V2-301	V301	Vision Exam 1 Every 2 Calendar Yr	EPO/PPO	\$3.41	-3.1%	4.8%
V2-305L	V305L	Advanced Infertility Services - (Large Only)	EPO/PPO	\$4.57	-3.2%	4.9%
V2-306	V306	60 Visits Outpatient Physical/Speech/Occupational Therapy (In/Out Of Network (	EPO/PPO	\$4.30	-3.2%	4.7%
V2-307	V307	Exclusion For Elective Abortions	EPO/PPO	(\$0.18)	-5.3%	4.2%
V2-308	V308	Preventive Dental For Kids - \$25 Office Copayment	EPO/PPO	\$2.56	-3.0%	5.0%
V2-309L-a	V309L-a	Outpatient X-Ray Covered At 100% (Not High Tech) - \$500 Ded; 2x OOP Max plan	EPO/PPO	\$2.05	-3.3%	4.7%
V2-309L-b	V309L-b	Outpatient X-Ray Covered At 100% (Not High Tech) - \$500 Ded; 3x OOP Max plan	EPO/PPO	\$2.36	-3.3%	4.6%
V2-309L-c	V309L-c	Outpatient X-Ray Covered At 100% (Not High Tech) - \$1000 Ded; 2x OOP Max plan	EPO/PPO	\$3.69	-3.1%	4.7%
V2-309L-d	V309L-d	Outpatient X-Ray Covered At 100% (Not High Tech) - \$1000 Ded; 3x OOP Max plan	EPO/PPO	\$4.24	-3.2%	4.9%
V2-309L-e	V309L-e	Outpatient X-Ray Covered At 100% (Not High Tech) - \$2000 Ded; 2x OOP Max plan	EPO/PPO	\$8.55	-3.1%	4.9%
V2-309L-f	V309L-f	Outpatient X-Ray Covered At 100% (Not High Tech) - \$2000 Ded; 3x OOP Max plan	EPO/PPO	\$9.03	-3.1%	4.9%
V2-309L-g	V309L-g	Outpatient X-Ray Covered At 100% (Not High Tech) - \$3000+ Ded; 2x OOP Max plan	EPO/PPO	\$12.19	-3.1%	4.9%
V2-309L-h	V309L-h	Outpatient X-Ray Covered At 100% (Not High Tech) - \$3000+ Ded; 3x OOP Max plan	EPO/PPO	\$12.53	-3.1%	4.8%
V2-310	V310	Annual Vision Exam - Per Calendar Yr	EPO/PPO	\$6.32	-3.1%	5.0%
V2-312	V312	Dme, External Pros/Ostomy Buy - Up To 80% In-Network Only	EPO/PPO	\$0.83	-3.5%	4.2%
V2-314	V314	Adult Preventative Dental	EPO/PPO	\$14.47	-3.1%	4.9%
V2-315	V315	Adult Prev Dental w/ Family Restorative	EPO/PPO	\$19.71	-3.1%	4.9%
V2-316	V316	Disposable Medical Supplies	EPO/PPO	\$0.94	-3.1%	5.3%
V2-317	V317	Changes Contract Yr To Calendar Year	EPO/PPO	\$0.00	n/a	n/a
V2-356	V356	Deductible Carryover Rider	EPO/PPO	\$3.99	n/a	n/a
V2-361	V361	Gym Membership Reimbursement - \$300 Maximum per Subscriber	EPO/PPO	\$2.55	0.0%	0.0%
V2-362	V362	Youth Sports Reimbursement - \$300 Maximum per Subscriber	EPO/PPO	\$0.65	0.0%	0.0%
V2-363	V363	Weight Loss Program Reimbursement - \$100 Maximum per Subscriber	EPO/PPO	\$0.21	0.0%	0.0%
V2-700	V700	Domestic Partners (Same And Opp Sex)	EPO/PPO	\$0.00	n/a	n/a
V2-702	V702	Domestic Partners (Same And Opp Sex)	EPO/PPO	\$0.00	n/a	n/a
VEHD2-312a	VEHD 312a	Exam & Hardware, attaches to \$1250 INN Ded	HDEPO	\$2.90	-3.0%	4.9%
VEHD2-312b	VEHD 312b	Exam & Hardware, attaches to \$1500 INN Ded	HDEPO	\$2.66	-2.9%	5.4%
VEHD2-312c	VEHD 312c	Exam & Hardware, attaches to \$2000 INN Ded	HDEPO	\$2.20	-3.1%	5.1%
VEHD2-312d	VEHD 312d	Exam & Hardware, attaches to \$2500 INN Ded	HDEPO	\$1.86	-3.1%	4.7%
VEHD2-312e	VEHD 312e	Exam & Hardware, attaches to \$3000 INN Ded	HDEPO	\$1.61	-3.0%	4.8%
VEHD2-312f	VEHD 312f	Exam & Hardware, attaches to \$4000 INN Ded	HDEPO	\$1.23	-3.1%	5.0%
VEHD2-312g	VEHD 312g	Exam & Hardware, attaches to \$5000 INN Ded	HDEPO	\$0.99	-2.9%	5.2%
VEHD2-312h	VEHD 312h	Exam & Hardware, attaches to \$10000 INN Ded	HDEPO	\$0.43	-2.3%	6.6%
VEHD2-312j	VEHD 312j	Exam & Hardware, attaches to \$6600 INN Ded	HDEPO	\$0.81	-3.6%	4.2%
VPHD2-312a	VPHD 312a	Exam & Hardware, attaches to \$1250 INN Ded	HDPPPO	\$2.90	-3.0%	4.9%
VPHD2-312b	VPHD 312b	Exam & Hardware, attaches to \$1500 INN Ded	HDPPPO	\$2.66	-2.9%	5.4%
VPHD2-312c	VPHD 312c	Exam & Hardware, attaches to \$2000 INN Ded	HDPPPO	\$2.20	-3.1%	5.1%
VPHD2-312d	VPHD 312d	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.86	-3.1%	4.7%
VPHD2-312e	VPHD 312e	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.61	-3.0%	4.8%
VPHD2-312f	VPHD 312f	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.23	-3.1%	5.0%
VPHD2-312g	VPHD 312g	Exam & Hardware, attaches to \$5000 INN Ded	HDPPPO	\$0.99	-2.9%	5.2%
VPHD2-312h	VPHD 312h	Exam & Hardware, attaches to \$10000 INN Ded	HDPPPO	\$0.43	-2.3%	6.6%
VHD2-305L	VHD305L	Advanced Infertility Services - (Large Only)	HDHP	\$4.52	-3.0%	4.9%
VHD2-306	VHD306	60 Visits Outpatient Physical/Speech/Occupational Therapy (In/Out Of Network (	HDHP	\$4.59	-3.2%	4.9%
VHD2-307	VHD307	Exclusion For Elective Abortions	HDHP	(\$0.16)	0.0%	11.1%
VHD2-316	VHD316	Disposable Medical Supplies	HDHP	\$0.61	-3.2%	4.2%
VHD2-317	VHDC317	Changes Contract Yr To Calendar Year	HDHP	\$0.00	n/a	n/a

Exhibit 4b -- Medical Riders (Q1 2018)

Large Group VT HIC AR42 Rate Filing
 For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
VHD2-343	VHDC343	Gym Membership Reimbursement - \$300 Maximum per Subscriber	HDHP	\$2.55	0.0%	0.0%
VHD2-344	VHDC344	Youth Sports Reimbursement - \$300 Maximum per Subscriber	HDHP	\$0.65	0.0%	0.0%
VHD2-345	VHDC345	Weight Loss Program Reimbursement - \$100 Maximum per Subscriber	HDHP	\$0.21	0.0%	0.0%
VHD2-346	New Rider for 2018	Annual Vision Exam - Per Calendar Yr	HDHP	\$6.32	n/a	n/a
VHD2-356	VHD356L	Deductible Carryover Rider	HDHP	\$8.00	n/a	n/a
VHD700	VHD700	Domestic Partners (Same And Opp Sex)	HDHP	\$0.00	n/a	n/a
VHD702	VHD702	Domestic Partners (Same And Opp Sex)	HDHP	\$0.00	n/a	n/a
VHD2-510-a	VHD510-a	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-01)	HDHP	\$1.60	-3.0%	4.8%
VHD2-510-b	VHD510-b	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-02)	HDHP	\$4.22	-3.2%	4.9%
VHD2-510-c	VHD510-c	Safe Harbor preventative Rx list for qualified HDHP's (VPHD2-03)	HDHP	\$13.82	-3.1%	4.8%
VHD2-510-e	VHD510-e	Safe Harbor preventative Rx list for qualified HDHP's (VPHD2-05)	HDHP	\$9.83	-3.1%	4.9%
VHD2-510-f	VHD510-f	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-06)	HDHP	\$4.68	-3.1%	4.8%
VHD2-510-g	VHD510-g	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-07 & VPHD2-07)	HDHP	\$2.55	-3.0%	5.0%
VHD2-510-h	VHD510-h	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-08)	HDHP	\$3.35	-3.2%	4.8%
VHD2-510-i	VHD510-i	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-09)	HDHP	\$5.07	-3.1%	5.0%
VHD2-510-o	VHD510-o	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-015 & VPHD2-015)	HDHP	\$3.37	-3.2%	4.8%
VHD2-510-q	VHD510-q	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-17)	HDHP	\$4.22	-3.2%	4.9%
VHD2-510-s	VHD510-s	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-19)	HDHP	\$13.46	-3.1%	4.9%
VHD2-510-aa	VHD510-aa	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-41)	HDHP	\$6.64	0.8%	8.9%
VHD2-510-ab	VHD510-ab	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-42)	HDHP	\$7.01	-3.0%	4.9%
VHD2-510-ac	VHD510-ac	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-43)	HDHP	\$9.94	-3.1%	4.8%
VHD2-510-ae	VHD510-ae	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-45)	HDHP	\$6.88	-3.1%	4.8%
VHD2-510-af	VHD510-af	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-46)	HDHP	\$7.49	-3.1%	4.9%
VHD2-510-ak	VHD510-ak	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-50)	HDHP	\$15.39	-3.1%	n/a
VHD2-510-al	New Rider for 2018	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-51)	HDHP	\$16.38	n/a	n/a

Exhibit 4b -- Medical Riders (Q2 2018)

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
V2-301	V301	Vision Exam 1 Every 2 Calendar Yr	EPO/PPO	\$3.46	1.5%	4.5%
V2-305L	V305L	Advanced Infertility Services - (Large Only)	EPO/PPO	\$4.63	1.3%	4.5%
V2-306	V306	60 Visits Outpatient Physical/Speech/Occupational Therapy (In/Out Of Network (	EPO/PPO	\$4.36	1.4%	4.6%
V2-307	V307	Exclusion For Elective Abortions	EPO/PPO	(\$0.18)	0.0%	0.0%
V2-308	V308	Preventive Dental For Kids - \$25 Office Copayment	EPO/PPO	\$2.60	1.6%	4.8%
V2-309L-a	V309L-a	Outpatient X-Ray Covered At 100% (Not High Tech) - \$500 Ded; 2x OOP Max plan:	EPO/PPO	\$2.08	1.5%	4.5%
V2-309L-b	V309L-b	Outpatient X-Ray Covered At 100% (Not High Tech) - \$500 Ded; 3x OOP Max plan:	EPO/PPO	\$2.39	1.3%	4.4%
V2-309L-c	V309L-c	Outpatient X-Ray Covered At 100% (Not High Tech) - \$1000 Ded; 2x OOP Max plai	EPO/PPO	\$3.74	1.4%	4.5%
V2-309L-d	V309L-d	Outpatient X-Ray Covered At 100% (Not High Tech) - \$1000 Ded; 3x OOP Max plai	EPO/PPO	\$4.30	1.4%	4.6%
V2-309L-e	V309L-e	Outpatient X-Ray Covered At 100% (Not High Tech) - \$2000 Ded; 2x OOP Max plai	EPO/PPO	\$8.67	1.4%	4.7%
V2-309L-f	V309L-f	Outpatient X-Ray Covered At 100% (Not High Tech) - \$2000 Ded; 3x OOP Max plai	EPO/PPO	\$9.16	1.4%	4.7%
V2-309L-g	V309L-g	Outpatient X-Ray Covered At 100% (Not High Tech) - \$3000+ Ded; 2x OOP Max plai	EPO/PPO	\$12.36	1.4%	4.7%
V2-309L-h	V309L-h	Outpatient X-Ray Covered At 100% (Not High Tech) - \$3000+ Ded; 3x OOP Max plai	EPO/PPO	\$12.71	1.4%	4.7%
V2-310	V310	Annual Vision Exam - Per Calendar Yr	EPO/PPO	\$6.41	1.4%	4.7%
V2-312	V312	Dme, External Pros/Ostomy Buy - Up To 80% In-Network Only	EPO/PPO	\$0.84	1.2%	3.7%
V2-314	V314	Adult Preventative Dental	EPO/PPO	\$14.67	1.4%	4.6%
V2-315	V315	Adult Prev Dental w/ Family Restorative	EPO/PPO	\$19.99	1.4%	4.7%
V2-316	V316	Disposable Medical Supplies	EPO/PPO	\$0.95	1.1%	4.4%
V2-317	V317	Changes Contract Yr To Calendar Year	EPO/PPO	\$0.00	n/a	n/a
V2-356	V356	Deductible Carryover Rider	EPO/PPO	\$4.05	1.5%	n/a
V2-361	V361	Gym Membership Reimbursement - \$300 Maximum per Subscriber	EPO/PPO	\$2.55	0.0%	0.0%
V2-362	V362	Youth Sports Reimbursement - \$300 Maximum per Subscriber	EPO/PPO	\$0.65	0.0%	0.0%
V2-363	V363	Weight Loss Program Reimbursement - \$100 Maximum per Subscriber	EPO/PPO	\$0.21	0.0%	0.0%
V2-700	V700	Domestic Partners (Same And Opp Sex)	EPO/PPO	\$0.00	n/a	n/a
V2-702	V702	Domestic Partners (Same And Opp Sex)	EPO/PPO	\$0.00	n/a	n/a
VEHD2-312a	VEHD 312a	Exam & Hardware, attaches to \$1250 INN Ded	HDEPO	\$2.94	1.4%	4.6%
VEHD2-312b	VEHD 312b	Exam & Hardware, attaches to \$1500 INN Ded	HDEPO	\$2.70	1.5%	5.1%
VEHD2-312c	VEHD 312c	Exam & Hardware, attaches to \$2000 INN Ded	HDEPO	\$2.23	1.4%	4.7%
VEHD2-312d	VEHD 312d	Exam & Hardware, attaches to \$2500 INN Ded	HDEPO	\$1.89	1.6%	5.0%
VEHD2-312e	VEHD 312e	Exam & Hardware, attaches to \$3000 INN Ded	HDEPO	\$1.63	1.2%	4.5%
VEHD2-312f	VEHD 312f	Exam & Hardware, attaches to \$4000 INN Ded	HDEPO	\$1.25	1.6%	5.0%
VEHD2-312g	VEHD 312g	Exam & Hardware, attaches to \$5000 INN Ded	HDEPO	\$1.00	1.0%	4.2%
VEHD2-312h	VEHD 312h	Exam & Hardware, attaches to \$10000 INN Ded	HDEPO	\$0.44	2.3%	7.3%
VEHD2-312j	VEHD 312j	Exam & Hardware, attaches to \$6600 INN Ded	HDEPO	\$0.82	1.2%	3.8%
VPHD2-312a	VPHD 312a	Exam & Hardware, attaches to \$1250 INN Ded	HDPPPO	\$2.94	1.4%	4.6%
VPHD2-312b	VPHD 312b	Exam & Hardware, attaches to \$1500 INN Ded	HDPPPO	\$2.70	1.5%	5.1%
VPHD2-312c	VPHD 312c	Exam & Hardware, attaches to \$2000 INN Ded	HDPPPO	\$2.23	1.4%	4.7%
VPHD2-312d	VPHD 312d	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.89	1.6%	5.0%
VPHD2-312e	VPHD 312e	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.63	1.2%	4.5%
VPHD2-312f	VPHD 312f	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.25	1.6%	5.0%
VPHD2-312g	VPHD 312g	Exam & Hardware, attaches to \$5000 INN Ded	HDPPPO	\$1.00	1.0%	4.2%
VPHD2-312h	VPHD 312h	Exam & Hardware, attaches to \$10000 INN Ded	HDPPPO	\$0.44	2.3%	7.3%
VHD2-305L	VHD305L	Advanced Infertility Services - (Large Only)	HDHP	\$4.58	1.3%	4.6%
VHD2-306	VHD306	60 Visits Outpatient Physical/Speech/Occupational Therapy (In/Out Of Network (	HDHP	\$4.65	1.3%	4.5%
VHD2-307	VHD307	Exclusion For Elective Abortions	HDHP	(\$0.16)	0.0%	6.7%
VHD2-316	VHD316	Disposable Medical Supplies	HDHP	\$0.62	1.6%	5.1%
VHD2-317	VHDC317	Changes Contract Yr To Calendar Year	HDHP	\$0.00	n/a	n/a

Exhibit 4b -- Medical Riders (Q2 2018)

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
VHD2-343	VHDC343	Gym Membership Reimbursement - \$300 Maximum per Subscriber	HDHP	\$2.55	0.0%	0.0%
VHD2-344	VHDC344	Youth Sports Reimbursement - \$300 Maximum per Subscriber	HDHP	\$0.65	0.0%	0.0%
VHD2-345	VHDC345	Weight Loss Program Reimbursement - \$100 Maximum per Subscriber	HDHP	\$0.21	0.0%	0.0%
VHD2-346	New Rider for 2018	Annual Vision Exam - Per Calendar Yr	HDHP	\$6.41	1.4%	n/a
VHD2-356	VHD356L	Deductible Carryover Rider	HDHP	\$8.11	1.4%	n/a
VHD700	VHD700	Domestic Partners (Same And Opp Sex)	HDHP	\$0.00	n/a	n/a
VHD702	VHD702	Domestic Partners (Same And Opp Sex)	HDHP	\$0.00	n/a	n/a
VHD2-510-a	VHD510-a	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-01)	HDHP	\$1.62	1.3%	4.5%
VHD2-510-b	VHD510-b	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-02)	HDHP	\$4.28	1.4%	4.6%
VHD2-510-c	VHD510-c	Safe Harbor preventative Rx list for qualified HDHP's (VPHD-03)	HDHP	\$14.01	1.4%	4.6%
VHD2-510-e	VHD510-e	Safe Harbor preventative Rx list for qualified HDHP's (VPHD-05)	HDHP	\$9.97	1.4%	4.7%
VHD2-510-f	VHD510-f	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-06)	HDHP	\$4.75	1.5%	4.6%
VHD2-510-g	VHD510-g	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-07 & VPHD-07)	HDHP	\$2.59	1.6%	4.9%
VHD2-510-h	VHD510-h	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-08)	HDHP	\$3.40	1.5%	4.6%
VHD2-510-i	VHD510-i	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-09 & VPHD-09)	HDHP	\$5.14	1.4%	4.7%
VHD2-510-o	VHD510-o	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-015 & VPHD-015)	HDHP	\$3.42	1.5%	4.6%
VHD2-510-q	VHD510-q	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-17)	HDHP	\$4.28	1.4%	4.6%
VHD2-510-s	VHD510-s	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-19)	HDHP	\$13.65	1.4%	4.7%
VHD2-510-aa	VHD510-aa	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-41)	HDHP	\$6.73	1.4%	8.7%
VHD2-510-ab	VHD510-ab	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-42)	HDHP	\$7.11	1.4%	4.7%
VHD2-510-ac	VHD510-ac	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-43)	HDHP	\$10.08	1.4%	4.6%
VHD2-510-ae	VHD510-ae	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-45)	HDHP	\$6.98	1.5%	4.6%
VHD2-510-af	VHD510-af	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-46)	HDHP	\$7.59	1.3%	4.5%
VHD2-510-ak	VHD510-ak	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-50)	HDHP	\$15.61	1.4%	4.7%
VHD2-510-al	New Rider for 2018	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-50)	HDHP	\$16.61	1.4%	n/a

Exhibit 4c -- Rx Riders (Q1 2018)
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Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
V2-500	V500	\$10/\$30/\$50	EPO/PPO	\$46.15	-3.1%	4.8%
V2-501	V501	\$10/30%/50%	EPO/PPO	\$40.47	-3.1%	4.8%
V2-502	V502	50%	EPO/PPO	\$36.10	-3.1%	4.8%
V2-504	V504	\$0/\$30/\$50	EPO/PPO	\$53.74	-3.1%	4.8%
V2-601	V601	\$5/\$35/\$70	EPO/PPO	\$47.93	-3.1%	4.8%
V2-602	V602	\$5/\$35/\$70 - \$250 Brand Ded	EPO/PPO	\$42.09	-3.1%	4.8%
V2-604	V604	\$5/\$45/\$90	EPO/PPO	\$46.52	-3.1%	4.8%
V2-605	V605	\$5/\$45/\$90 - \$250 Brand Ded	EPO/PPO	\$41.20	-3.1%	4.8%
V2-606	V606	\$5/\$45/\$90 - \$500 Brand Ded	EPO/PPO	\$38.27	-3.1%	4.8%
V2-550L	V550L	Removes MAC Pricing	EPO/PPO	\$0.76	-2.6%	4.1%
V2-551L	V551L	Change mail copay from 2.5 to 2.0	EPO/PPO	\$0.32	-3.0%	3.2%

Exhibit 4c -- Rx Riders (Q2 2018)
--

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
V2-500	V500	\$10/\$30/\$50	EPO/PPO	\$46.80	1.4%	4.6%
V2-501	V501	\$10/30%/50%	EPO/PPO	\$41.04	1.4%	4.6%
V2-502	V502	50%	EPO/PPO	\$36.61	1.4%	4.6%
V2-504	V504	\$0/\$30/\$50	EPO/PPO	\$54.49	1.4%	4.6%
V2-601	V601	\$5/\$35/\$70	EPO/PPO	\$48.60	1.4%	4.6%
V2-602	V602	\$5/\$35/\$70 - \$250 Brand Ded	EPO/PPO	\$42.68	1.4%	4.6%
V2-604	V604	\$5/\$45/\$90	EPO/PPO	\$47.17	1.4%	4.6%
V2-605	V605	\$5/\$45/\$90 - \$250 Brand Ded	EPO/PPO	\$41.78	1.4%	4.6%
V2-606	V606	\$5/\$45/\$90 - \$500 Brand Ded	EPO/PPO	\$38.81	1.4%	4.7%
V2-550L	V550L	Removes MAC Pricing	EPO/PPO	\$0.77	1.3%	4.1%
V2-551L	V551L	Change mail copay from 2.5 to 2.0	EPO/PPO	\$0.32	0.0%	3.2%

Certification of Compliance

I hereby certify that I have reviewed the applicable filing requirements for this filing and the filing complies with all applicable statutory and regulatory provisions for the state of Vermont.

Print Name: Karla Austen **Title:** Chief Financial Officer & Executive Vice President

Signature: 

Date: 08/08/17



625 State Street, PO Box 2207
 Schenectady, NY 12301-2207
 mvphhealthcare.com

August 31, 2017

Mr. Kevin Rugeberg, ASA, MAAA
 Lewis & Ellis, Inc.
 P.O. Box 851857
 Richardson, TX 75085

Re: 1Q/2Q 2018 Vermont Large Group AR42 Rate Filing
 SERFF Tracking #: MVPH-131148723

Dear Mr. Rugeberg:

This letter is in response to your correspondence received 08/25/17 regarding the above mentioned rate filing. The responses to your questions are provided below.

1. Provide an exhibit quantifying all three sources of the proposed change in revenue (manual rate, age/gender, and target loss ratio) by quarter from 2Q2017 to 2Q2018.

Response: Please see the following table which details the proposed change in revenue by all three sources for 2Q2017 to 2Q2018.

Derivation of Annual Revenue Change Based on Quarterly Rate Changes							
	2Q '17 / 1Q '17	3Q '17 / 2Q '17	4Q '17 / 3Q '17	1Q '18 / 4Q '17	2Q '18 / 1Q '18	1Q '18 Annual Increase	2Q '18 Annual Increase
Manual Rate Change	1.6%	4.6%	1.8%	-3.1%	1.4%	4.8%	4.6%
Age Gender Table Normalization	0.0%	-1.3%	0.0%	-0.1%	0.0%	-1.4%	-1.4%
Changes in Target Loss Ratio	0.9%	0.2%	0.9%	0.3%	0.0%	2.4%	1.4%
Total	2.5%	3.5%	2.7%	-2.9%	1.4%	5.8%	4.7%

2. In the 3Q 2017 filing, MVP stated that they “are currently aiming to re-slope benefits for the 1Q 2018 filing.” It does not appear this was performed. Please explain the continued use of 2012 data for the benefit relativities.

Response: At the time of the 3Q 2017 rate filing, MVP intended to re-slope the large group benefit relativities for 1Q 2018. After internal conversations amongst Sales, Actuarial, Product Development, and Underwriting, MVP decided to not make changes to the current premium relativities as the update could potentially disrupt MVP’s existing LG business.

3. Please clarify whether experience for the various riders included in the filing is included in the base period experience.

Response: Rider experience is included in the base period data.

4. The proposed general administrative load of 9.7% is higher than the actual expense ratio in any of the last three years. Support this assumption as consistent with MVP’s actual expected administrative costs.



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Response: MVP reviewed the emerging and budgeted 2017 administrative expenses for its AR42 Small Group and Large Group blocks of business and compared them to the projected administrative expenses built into 1Q 2018 rates. The emerging data indicates that the current administrative loads are slightly inadequate. After backing out regulatory fees that MVP is paying in 2017 and does not anticipate paying again in 2018, the projected administrative expense for this block is \$48.55 PMPM. The projected revenue for 1Q 2018 which can be found in the MLR section of the actuarial memorandum is \$465.50 and translates to an administrative load of 10.4%.

The increase in administrative expense PMPM is being driven almost entirely by the decrease in membership that MVP has experienced in its LG VT block of business. In 2016, MVP's reported administrative expense PMPM was \$36.77 based on 37,858 MMs. 59.3% of that expense was fixed, or \$21.81. MVP's forecasted 2017 LG VT HIC membership is 24,851 MMs. If we adjust the 2016 fixed administrative expense upward for the decrease in membership experienced in 2017, the fixed administrative expense PMPM would increase to \$33.22. Assuming that the variable expense is unchanged from 2016 results in a total administrative expense of \$48.18 PMPM.

5. Please support the 2018 inpatient and outpatient annual unit cost trends shown in Exhibit 2a.

Response: This response is deemed confidential and will be provided under separate cover.

6. It appears that MVP is assuming that members with Medicare as their primary insurer will have costs 25% lower than non-Medicare enrollees of the same age and gender. Support this assumption.

Response: MVP analyzed the 2016 allowed cost net of COB for its largest fully insured group by Medicare Primary vs Commercial Primary subscribers. MVP took this approach as 79% of our large group Medicare primary members are enrolled with this group (~4,500 members) and to eliminate benefit differences which can drive different allowed costs through induced utilization. Claim costs were normalized for regional and demographic differences using MVP's approved regional and demographic tables for its NY Large Group block. Note this group is located in MVP's NY service area as there is not credible membership with Medicare primary coverage in MVP's VT service area. The result of this analysis suggested that Medicare Primary subscribers were 38.6% less expensive to insure than Non-Medicare primary members. The results of the analysis were discussed with MVP's Underwriting and Sales departments. A decision was made to not build the full 38.6% discount into MVP's rating for 2018. We will monitor this factor and potentially make adjustments if warranted in future years.

7. What percentage of current enrollees have Medicare as their primary coverage, and what is the average age for those enrollees?

Response: Based on December 2016 membership, 8 out of 1,529 subscribers in the base experience had Medicare as their primary coverage, or approximately 0.52% of subscribers. The average age of these subscribers is 68.9 years old.

8. Did the normalization of the age/gender factors take the Medicare factor into account?

Response: The normalization of the age/gender factors did include the reduction to the age/gender factor for Medicare primary subscribers. The impact of making this change on the age/gender normalization was not significant to 4 decimal places.



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9. The large group data in Vermont continues to suggest that the pooling charge of 9.2% is higher than the assumption in the Experience Rated Addendum.

a. The Addendum provides for a range of pooling levels. Why is the large group manual rate set at the \$100k pooling level? A table provided on page 9 of the addendum suggests that MVP considers a block this size credible up to a much higher pooling level.

Response: MVP used a \$100,000 pooling level to be consistent with previous rate filing submissions for this block of business. Based on the enrollment used to rate this block, the maximum pooling charge would have been \$250,000.

b. What population and time period underlie the assumed pooling charges?

Response: MVP last updated its large group VT pooling charges in 1Q 2016. The pooling charges were derived by analyzing VT large group claim data for calendar years 2013 and 2014 excluding members with less than 12 months of data (SERFF Tracking #: MVPH-130178700). The analysis was based on 6,172 members in 2013 and 5,005 members in 2014. Since then, MVP's large group VT enrollment has been reduced down to 1,995 members, and we are not confident in the results of a high cost claim analysis at this membership level since high cost claims are volatile and can vary substantially from one point in time to another, especially when dealing with a small set of data.

Over the past two years, MVP has refreshed its analysis of pooling charges for its large group NY block of business resulting in pooling charges that are greater than what is currently approved in VT at lower pooling points which is where MVP's VT block of business is concentrated. MVP has not revised its VT pooling charges to match the NY pooling charges because historical VT data does not suggest an increase is warranted, but there is concern that if high cost claims return to more expected levels at lower pooling levels, the pooling charges currently on file would be deficient.

c. In prior filings, MVP has argued that the pooling charges are consistent with MVP's claims experience nationwide. Provide data in support of the 9.2% assumption.

Response: The pooling charges currently on file were derived using VT specific data, and we apologize if prior responses indicated otherwise. That being said, the current pooling charges are compared to MVP's entire large group data set annually which is more credible for a high cost claims analysis to understand if corrections are required to the current factors on file which was described in the response to the previous question. Please see the table below which compares MVP's pooling charges for its entire LG experience rated business using 2015 and 2016 data to the proposed 1Q 2018 pooling charges for this block of business.



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Pooling Level	2015 MVP Large Group Data	2016 MVP Large Group Data	2-Year Average (2015 & 2016)	Proposed Pooling Charges - VT 1Q 2018
\$80,000	13.03%	12.78%	12.90%	11.98%
\$85,000	12.44%	11.79%	12.11%	11.11%
\$90,000	11.84%	10.93%	11.39%	10.37%
\$100,000	10.68%	9.46%	10.07%	9.16%
\$125,000	8.17%	6.95%	7.56%	7.14%
\$150,000	6.35%	5.29%	5.82%	5.75%
\$175,000	5.12%	4.14%	4.63%	4.70%
\$200,000	4.24%	3.29%	3.77%	3.94%
\$250,000	2.95%	2.24%	2.60%	2.91%
\$300,000	2.16%	1.58%	1.87%	2.16%
\$350,000	1.56%	1.14%	1.35%	1.68%
\$400,000	1.12%	0.83%	0.98%	1.26%
\$450,000	0.88%	0.59%	0.73%	0.84%
\$500,000	0.70%	0.44%	0.57%	0.52%

10. Please clarify what costs are represented by the \$0.45 PMPM "ACRH Payments" line item in the capitations build-up.

Response: These costs represent the net impact of transactions between MVP and providers that are not handled through MVP's medical FFS claims warehouse but are reconciled separately using manual methods. Examples of these include claim adjustments or retroactive fee schedule changes.

If you have any questions or require any additional information, please contact me at 518-386-7213.

Sincerely,

Eric Bachner, ASA
Senior Actuarial Analyst
MVP Health Care, Inc.

Matthew Lombardo, FSA, MAAA
Director, Actuarial Services
MVP Health Care, Inc.

Derivation of Inpatient Trends for VT LG, 2018, by Provider

Facility Name	2018 Trended IP %	2018 IP Contract
CONFIDENTIAL		
TOTAL	100.0%	5.0%

Derivation of Outpatient Trends for VT LG, 2018, by Provider

Facility Name	2018 Trended OP %	2018 OP Contract
CONFIDENTIAL		
TOTAL	100.0%	4.7%



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September 12, 2017

Mr. Kevin Rugeberg, ASA, MAAA
Lewis & Ellis, Inc.
P.O. Box 851857
Richardson, TX 75085

Re: 1Q/2Q 2018 Vermont Large Group AR42 Rate Filing
SERFF Tracking #: MVPH-131148723

Dear Mr. Rugeberg:

This letter is in response to your correspondence received 09/07/17 regarding the above mentioned rate filing. The responses to your questions are provided below.

1. Was any analysis performed on how benefit relativities based on more recent data would compare to the current relativities? If so, please provide the results of this analysis.

Response: MVP compared the current benefit relativities to ones using more current data, and the results showed that qualified High Deductible Health Plans and non-qualified plans with higher deductibles would receive a rate increase in the mid-single digits above the proposed rate increase while richer plan designs would receive a flat to slight decrease after accounting for the proposed increase. After this comparison was performed, MVP has decided not to change its relativities for the following reasons:

1. Disruption to current groups: MVP's number of large groups has decreased significantly over the past several years. MVP is concerned that changing plan relativities would cause a disruption to the approximately 15 groups left in MVP's block. Severe swings in relativities (and therefore manual rate increases) would likely result in MVP continuing to lose groups it is attempting to retain.
2. Credibility: MVP's current membership in the large group VT block is 1,995 members. MVP is concerned that normalizing the updated benefit relativities to this small of a population could result in larger than normal fluctuations based on membership changes. At this membership level, one group's plan election has a large impact on the eventual plan-specific rate increases needed to obtain the same revenue.

If you have any questions or require any additional information, please contact me at 518-386-7213.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Bachner".

Eric Bachner, ASA
Senior Actuarial Analyst
MVP Health Care, Inc.

State: VermontGMCB

Filing Company:

MVP Health Insurance Company

TOI/Sub-TOI: H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO

Product Name: VT LG HIC 1Q 2Q 2018

Project Name/Number: /

Superseded Schedule Items

Please note that all items on the following pages are items, which have been replaced by a newer version. The newest version is located with the appropriate schedule on previous pages. These items are in date order with most recent first.

Creation Date	Schedule Item Status	Schedule	Schedule Item Name	Replacement Creation Date	Attached Document(s)
08/08/2017		Supporting Document	Actuarial Memorandum	10/18/2017	VT Experience Rated Addendum - 1Q 2018.pdf VT LG HIC Q1 & Q2 2018 Rate Filing SERFF.xlsx (Superceded) VT LG HIC Q1 & Q2 2018 Rate Filing SERFF.pdf (Superceded) Impact of Membership Growth_Decline on Experience Pd Claims.xlsx Impact of Membership Growth_Decline on Experience Pd Claims.pdf 1Q 2018 ACT MEMO HIC Large Group.pdf 1Q 2018 Experience Rating Formula Filing Exhibits A&B - Vermont.pdf Appendices A- C - 1Q 2018.pdf Rolling 12 Medical and Rx Data - LG HIC.xlsx Rolling 12 Medical and Rx Data - LG HIC.pdf MVP Health Care - Experience Formula effective 1.1.18_VT.pdf

SERFF Tracking #:

MVPH-131148723

State Tracking #:

Company Tracking #:

State:

VermontGMCB

Filing Company:

MVP Health Insurance Company

TOI/Sub-TOI:

H16G Group Health - Major Medical/H16G.002A Large Group Only - PPO

Product Name:

VT LG HIC 1Q 2Q 2018

Project Name/Number:

/

Attachment VT LG HIC Q1 & Q2 2018 Rate Filing SERFF.xlsx is not a PDF document and cannot be reproduced here.



MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - June 30, 2018

- Exhibit 1 -- Summary of Medical Coplans Offered
- Exhibit 2a -- 1Q 2018 Pricing Trend Assumptions
- Exhibits 2b-2d -- 1Q 2018 Rx Paid Trend Development
- Exhibit 2e -- 2Q 2018 Pricing Trend Assumptions
- Exhibits 2f-2h -- 2Q 2018 Rx Paid Trend Development
- Exhibit 3a -- 1Q 2018 Claim Projection and Proposed Rate Change
- Exhibit 3b -- 2Q 2018 Claim Projection and Proposed Rate Change
- Exhibit 4a -- Medical Manual Rates
- Exhibit 4b -- Medical Rider Rates
- Exhibit 4c -- Rx Rider Rates

Exhibit 1 -- Summary of Medical Coplans Offered

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - June 30, 2018

2018 Coplan	2017 Coplan	Product Type	In-Network Benefits										Out-of-Network Benefits			Pharmacy
			PCP	SCP	IP (Med/Surg)	ER	OP Surg	DME	Amb	Ded	Coins.	OOP Max	Coins	Ded	OOP Max	
VE2-021	VE021L	HyEPO	\$20	\$20	20%	\$100	20%	50%	20%	\$2,000	20%	\$4,000	N/A	N/A	N/A	Riders Available
VE2-085	VE085L	EPO	\$20	\$20	\$500	\$100	\$150	50%	\$100	\$0	0%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-087	VE087L	EPO	\$25	\$40	\$500	\$100	\$150	50%	\$100	\$0	0%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-089	VE089L	EPO	\$30	\$50	\$1,000	\$100	\$150	50%	\$100	\$0	0%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-090	VE090L	HyEPO	\$20	\$20	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	N/A	N/A	N/A	Riders Available
VE2-091	VE091L	HyEPO	\$20	\$20	20%	\$100	20%	50%	20%	\$3,000	20%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-092	VE092L	HyEPO	\$20	\$20	20%	\$100	20%	50%	20%	\$1,000	20%	\$2,000	N/A	N/A	N/A	Riders Available
VE2-093	VE093L	HyEPO	\$20	\$20	20%	\$100	20%	50%	20%	\$2,000	20%	\$4,000	N/A	N/A	N/A	Riders Available
VE2-095	VE095L	HyEPO	\$25	\$40	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	N/A	N/A	N/A	Riders Available
VE2-096	VE096L	HyEPO	\$25	\$40	20%	\$100	20%	50%	20%	\$2,000	20%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-100	VE100L	HyEPO	\$25	\$40	20%	\$100	20%	50%	20%	\$2,000	20%	\$4,000	N/A	N/A	N/A	Riders Available
VE2-101	VE101L	HyEPO	\$25	\$40	20%	\$100	20%	50%	20%	\$3,000	20%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-102	VE102L	HyEPO	\$30	\$50	20%	\$100	20%	50%	20%	\$500	20%	\$1,500	N/A	N/A	N/A	Riders Available
VE2-103	VE103L	HyEPO	\$30	\$50	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	N/A	N/A	N/A	Riders Available
VE2-105	VE105L	HyEPO	\$30	\$50	20%	\$100	20%	50%	20%	\$1,000	20%	\$2,000	N/A	N/A	N/A	Riders Available
VE2-106	VE106L	HyEPO	\$30	\$50	20%	\$100	20%	50%	20%	\$2,000	20%	\$4,000	N/A	N/A	N/A	Riders Available
VE2-107	VE107L	HyEPO	\$30	\$50	20%	\$100	20%	50%	20%	\$3,000	20%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-110	VE110L	HyEPO	\$30	\$30	20%	\$200	20%	50%	20%	\$2,000	20%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-111	VE111L	HyEPO	\$30	\$30	\$0	\$200	\$0	50%	\$0	\$3,000	0%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-116	VE116L	HyEPO	\$30	\$50	\$0	\$200	\$0	50%	\$0	\$5,000	0%	\$5,300	N/A	N/A	N/A	Riders Available
VE2-117	VE117L	HyEPO	\$0	\$0	\$0	\$0	\$0	50%	\$0	\$5,000	0%	\$5,000	N/A	N/A	N/A	Riders Available
VE2-118	N/A	HyEPO	\$30	\$0	\$0	\$0	\$0	0%	\$0	\$4,000	0%	\$4,000	N/A	N/A	N/A	Riders Available
VE2-119	N/A	HyEPO	\$50	\$0	\$0	\$0	\$0	0%	\$0	\$5,000	0%	\$5,000	N/A	N/A	N/A	Riders Available
VP2-060	VP060L	HyPPO	\$20	\$20	20%	\$100	20%	50%	20%	\$500	20%	\$1,500	40%	\$1,000	\$3,000	Riders Available
VP2-061	VP061L	HyPPO	\$20	\$20	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	40%	\$2,000	\$6,000	Riders Available
VP2-062	VP062L	HyPPO	\$20	\$20	20%	\$100	20%	50%	20%	\$2,000	20%	\$5,300	40%	\$4,000	\$12,000	Riders Available
VP2-063	VP063L	HyPPO	\$20	\$20	20%	\$100	20%	50%	20%	\$500	20%	\$1,000	40%	\$1,000	\$3,000	Riders Available
VP2-065	VP065L	HyPPO	\$25	\$40	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	40%	\$2,000	\$6,000	Riders Available
VP2-066	VP066L	HyPPO	\$25	\$40	20%	\$100	20%	50%	20%	\$2,000	20%	\$5,300	40%	\$4,000	\$12,000	Riders Available
VP2-067	VP067L	HyPPO	\$25	\$40	20%	\$100	20%	50%	20%	\$3,000	20%	\$5,300	40%	\$6,000	\$18,000	Riders Available
VP2-071	VP071L	HyPPO	\$30	\$50	20%	\$100	20%	50%	20%	\$1,000	20%	\$3,000	40%	\$2,000	\$6,000	Riders Available
VP2-072	VP072L	HyPPO	\$30	\$50	20%	\$100	20%	50%	20%	\$2,000	20%	\$5,300	40%	\$4,000	\$12,000	Riders Available
VP2-073	VP073L	HyPPO	\$30	\$50	20%	\$100	20%	50%	20%	\$3,000	20%	\$5,300	40%	\$6,000	\$18,000	Riders Available
VEHD2-01	VEHD-01L	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$1,500	0%	\$2,500	N/A	N/A	N/A	\$10/\$30/\$50
VEHD2-02	VEHD-02L	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$2,500	0%	\$3,500	N/A	N/A	N/A	\$10/\$30/\$50
VEHD2-06	VEHD-06L	HDEPOagg	10%	10%	10%	10%	10%	10%	10%	\$2,500	10%	\$5,000	N/A	N/A	N/A	10%/10%/30%
VEHD2-07	VEHD-07L	HDEPOagg	20%	20%	20%	20%	20%	20%	20%	\$1,500	20%	\$3,000	N/A	N/A	N/A	20%/20%/40%
VEHD2-08	VEHD-08L	HDEPOagg	20%	20%	20%	20%	20%	20%	20%	\$2,000	20%	\$4,000	N/A	N/A	N/A	20%/20%/40%
VEHD2-09	VEHD-09L	HDEPOagg	20%	20%	20%	20%	20%	20%	20%	\$2,500	20%	\$5,000	N/A	N/A	N/A	20%/20%/40%
VEHD2-15	VEHD-15L	HDEPOagg	20%	20%	20%	20%	20%	20%	20%	\$2,500	20%	\$5,000	N/A	N/A	N/A	50%
VEHD2-17	VEHD-17L	HDEPOagg	\$30	\$50	\$500	\$150	\$200	50%	\$150	\$2,500	0%	\$5,000	N/A	N/A	N/A	\$10/\$30/\$50
VEHD2-19	VEHD-19L	HDEPO	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$5,000	0%	\$5,000	N/A	N/A	N/A	\$0 after Deductible
VEHD2-41	VEHD-41L	HDEPO	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$2,600	0%	\$2,600	N/A	N/A	N/A	\$0 after Deductible
VEHD2-42	VEHD-42L	HDEPO	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$3,000	0%	\$3,000	N/A	N/A	N/A	\$0 after Deductible
VEHD2-43	VEHD-43L	HDEPO	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$4,000	0%	\$4,000	N/A	N/A	N/A	\$0 after Deductible
VEHD2-45	VEHD-45L	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$2,600	0%	\$2,600	N/A	N/A	N/A	\$0 after Deductible
VEHD2-46	VEHD-46L	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$3,000	0%	\$3,000	N/A	N/A	N/A	\$0 after Deductible
VEHD2-50	VEHD-50L	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$6,550	0%	\$6,550	N/A	N/A	N/A	\$0 after Deductible
VEHD2-51	N/A	HDEPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$6,650	0%	\$6,650	N/A	N/A	N/A	\$0 after Deductible
VPHD2-03	VPHD-03L	HDPPPOagg	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$5,000	0%	\$5,000	20%	\$10,000	\$20,000	\$0 after Deductible
VPHD2-05	VPHD-05L	HDPPPOagg	10%	10%	10%	10%	10%	10%	10%	\$2,000	10%	\$4,000	30%	\$4,000	\$8,000	10%/10%/30%
VPHD2-07	VPHD-07L	HDPPPOagg	20%	20%	20%	20%	20%	20%	20%	\$1,500	20%	\$3,000	40%	\$3,000	\$6,000	20%/20%/40%
VPHD2-15	VPHD-15L	HDPPPOagg	20%	20%	20%	20%	20%	20%	20%	\$2,500	20%	\$5,000	40%	\$5,000	\$10,000	50%

Exhibit 2a -- Pricing Trend Assumptions -- 1Q Projection

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

Experience Period:	January 1, 2016 - December 31, 2016
Rating Period:	January 1, 2018 - December 31, 2018

Months of Trend	2017	2018	2019	Total
	12	12	0	24

Medical Trend Summary

2017 Annual Trend

	% of Allowed			
	Claims	Unit Cost	Utilization	Total
IP	19.9%	4.2%	0.0%	4.2%
OP and Other Med	49.9%	3.9%	1.0%	5.0%
PHY	30.2%	-2.4%	0.4%	-2.0%
Medical Total		2.1%	0.6%	2.7%

2018 Annual Trend

	% of Allowed			
	Claims	Unit Cost	Utilization	Total
IP	20.1%	5.0%	0.0%	5.0%
OP and Other Med	51.0%	4.7%	1.0%	5.7%
PHY	28.8%	-2.6%	0.4%	-2.3%
Medical Total		2.6%	0.6%	3.3%

2019 Annual Trend

	% of Allowed			
	Claims	Unit Cost	Utilization	Total
IP	20.5%	5.0%	0.0%	5.0%
OP and Other Med	52.3%	4.7%	1.0%	5.7%
PHY	27.3%	-2.6%	0.4%	-2.3%
Medical Total		2.7%	0.6%	3.4%

Leveraging Impact - Large Group Non-HDHP Fee-For-Service Medical Claims

Member Months	16,423				
	Allowed	Coinsurance	Copay	Deductible	Paid*
Experience Period:	\$381.84	\$7.86	\$17.32	\$20.31	\$336.36
24 Months of Trend:	1,061	1,061	1,012	1,007	1,066
Projection Period:	\$405.01	\$8.33	\$17.53	\$20.46	\$358.69
Allowed Trend (Annual)	3.0%				
Paid Trend (Annual)	3.3%				
Leveraging (Annual)	0.3%				

Leveraging Impact - Large Group HDHP Fee-For-Service Medical Claims

Member Months	13,251				
	Allowed	Coinsurance	Copay	Deductible	Paid*
Experience Period:	\$290.48	\$5.75	\$0.00	\$72.96	\$211.76
24 Months of Trend:	1,061	1,061	1,012	1,019	1,075
Projection Period:	\$308.11	\$6.10	\$0.00	\$74.36	\$227.65
Allowed Trend (Annual)	3.0%				
Paid Trend (Annual)	3.7%				
Leveraging (Annual)	0.7%				

Leveraging Impact - Large Group Fee-For-Service Medical Claims

	Allowed	Coinsurance	Copay	Deductible	Paid*
Experience Period:	\$341.04	\$6.92	\$9.59	\$43.82	\$280.72
24 Months of Trend:	1,061	1,061	1,012	1,016	1,069
Projection Period:	\$361.74	\$7.34	\$9.71	\$44.53	\$300.17
Allowed Trend (Annual)	3.0%				
Paid Trend (Annual)	3.4%				
Leveraging (Annual)	0.4%				

ignores impact of removing high cost claims and replacing with pooling charge. Paid projection will not tie out to FFS claim projection on Tab 30 unless these adjustments are taken into account.

Rx Trend Summary

	2017 Trend		2018 Trend		2019 Trend	
	Unit Cost	Utilization	Unit Cost	Utilization	Unit Cost	Utilization
Generic	-4.1%	2.9%	1.3%	3.3%	1.3%	3.3%
Brand	13.9%	1.5%	13.8%	-1.0%	13.8%	-1.0%
Specialty	6.8%	6.7%	8.6%	7.3%	8.6%	7.3%

Exhibit 2b -- Rx Trend Development - 1Q
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MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

Experience Period: January 1, 2016 - December 31, 2016

Paid Through: May 31, 2017

Member Months with Rx Benefit: 29,674

Rx Claim Information	Generic	Brand	Specialty	Total
Experience Period Scripts / 1000	9,218	824	113	10,155
Experience Period Allowed PMPM	\$14.92	\$16.96	\$29.34	\$61.21
Experience Period Deductible PMPM	\$1.69	\$0.87	\$0.33	\$2.88
Experience Period Copay PMPM	\$2.67	\$1.58	\$0.18	\$4.43
Experience Period Coinsurance PMPM	\$0.46	\$0.37	\$1.14	\$1.97
Experience Period Cost Sharing PMPM	\$4.82	\$2.82	\$1.65	\$9.29
Experience Period Paid PMPM	\$10.09	\$14.14	\$27.69	\$51.92
Annual Util Trend	1.031	1.003	1.070	1.029
Annual Unit Cost Trend	0.986	1.138	1.077	1.086
Annual Deductible Trend	1.009	1.009	1.009	1.009
Annual Paid Trend	1.013	1.163	1.155	1.131
Months of Trend to Q1 2018	24	24	24	24
Projected Scripts / 1000 as of Q1 2018	9,796	828	130	10,754
Projected Allowed PMPM as of Q1 2018	\$15.40	\$22.09	\$38.96	\$76.46
Projected Deductible PMPM	\$1.72	\$0.88	\$0.33	\$2.94
Projected Copay PMPM	\$2.84	\$1.59	\$0.21	\$4.63
Projected Coinsurance PMPM	\$0.48	\$0.49	\$1.51	\$2.47
Projected Cost Sharing PMPM as of Q1 2018	\$5.04	\$2.96	\$2.05	\$10.04
Projected Paid PMPM as of Q1 2018	\$10.36	\$19.14	\$36.91	\$66.41

Exhibit 2c -- Rx Trend Development - Non-HDHP 1Q

MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

Experience Period: January 1, 2016 - December 31, 2016
Paid Through: May 31, 2017
Member Months with Rx Benefit: 16,423

Rx Claim Information	Generic	Brand	Specialty	Total
Experience Period Scripts / 1000	11,178	1,055	146	12,379
Experience Period Allowed PMPM	\$21.05	\$23.50	\$39.99	\$84.54
Experience Period Deductible PMPM	\$0.00	\$0.00	\$0.00	\$0.00
Experience Period Copay PMPM	\$4.58	\$2.72	\$0.32	\$7.62
Experience Period Coinsurance PMPM	\$0.51	\$0.32	\$2.05	\$2.88
Experience Period Cost Sharing PMPM	\$5.09	\$3.03	\$2.37	\$10.50
Experience Period Paid PMPM	\$15.96	\$20.47	\$37.62	\$74.04
Annual Util Trend	1.031	1.003	1.070	1.029
Annual Unit Cost Trend	0.986	1.138	1.077	1.085
Annual Deductible Trend	1.000	1.000	1.000	1.000
Annual Paid Trend	1.012	1.159	1.153	1.126
Months of Trend to Q1 2018	24	24	24	24
Projected Scripts / 1000 as of Q1 2018	11,879	1,061	167	13,107
Projected Allowed PMPM as of Q1 2018	\$21.73	\$30.62	\$53.11	\$105.46
Projected Deductible PMPM	\$0.00	\$0.00	\$0.00	\$0.00
Projected Copay PMPM	\$4.87	\$2.73	\$0.37	\$7.97
Projected Coinsurance PMPM	\$0.53	\$0.41	\$2.73	\$3.67
Projected Cost Sharing PMPM as of Q1 2018	\$5.40	\$3.14	\$3.09	\$11.63
Projected Paid PMPM as of Q1 2018	\$16.33	\$27.48	\$50.02	\$93.83

Exhibit 2d -- Rx Trend Development - HDHP 1Q

MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

Experience Period: January 1, 2016 - December 31, 2016
Paid Through: May 31, 2017
Member Months: 13,251

Rx Claim Information	Generic	Brand	Specialty	Total
Experience Period Scripts / 1000	6,789	537	72	7,399
Experience Period Allowed PMPM	\$7.32	\$8.85	\$16.13	\$32.30
Experience Period Deductible PMPM	\$3.78	\$1.94	\$0.73	\$6.46
Experience Period Copay PMPM	\$0.30	\$0.17	\$0.01	\$0.48
Experience Period Coinsurance PMPM	\$0.41	\$0.44	\$0.00	\$0.85
Experience Period Cost Sharing PMPM	\$4.49	\$2.56	\$0.74	\$7.79
Experience Period Paid PMPM	\$2.83	\$6.29	\$15.39	\$24.51
Annual Util Trend	1.031	1.003	1.070	1.029
Annual Unit Cost Trend	0.986	1.138	1.077	1.088
Annual Deductible Trend	1.009	1.009	1.009	1.009
Annual Paid Trend	1.023	1.183	1.159	1.150
Months of Trend to Q1 2018	24	24	24	24
Projected Scripts / 1000 as of Q1 2018	7,215	540	83	7,838
Projected Allowed PMPM as of Q1 2018	\$7.55	\$11.53	\$21.42	\$40.51
Projected Deductible PMPM	\$3.85	\$1.98	\$0.75	\$6.58
Projected Copay PMPM	\$0.32	\$0.17	\$0.01	\$0.50
Projected Coinsurance PMPM	\$0.42	\$0.58	\$0.00	\$1.00
Projected Cost Sharing PMPM as of Q1 2018	\$4.59	\$2.73	\$0.76	\$8.07
Projected Paid PMPM as of Q1 2018	\$2.96	\$8.80	\$20.67	\$32.43

Exhibit 2e -- Pricing Trend Assumptions -- 2Q Projection

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

Experience Period:	January 1, 2016 - December 31, 2016
Rating Period:	April 1, 2018 - March 31, 2019

Months of Trend	2017	2018	2019	Total
	12	12	3	27

Medical Trend Summary

2017 Annual Trend				
% of Allowed				
	Claims	Unit Cost	Utilization	Total
IP	19.9%	4.2%	0.0%	4.2%
OP and Other Med	49.9%	3.9%	1.0%	5.0%
PHY	30.2%	-2.4%	0.4%	-2.0%
Medical Total		2.1%	0.6%	2.7%

2018 Annual Trend				
% of Allowed				
	Claims	Unit Cost	Utilization	Total
IP	20.1%	5.0%	0.0%	5.0%
OP and Other Med	51.0%	4.7%	1.0%	5.7%
PHY	28.8%	-2.6%	0.4%	-2.3%
Medical Total		2.6%	0.6%	3.3%

2019 Annual Trend				
% of Allowed				
	Claims	Unit Cost	Utilization	Total
IP	20.5%	5.0%	0.0%	5.0%
OP and Other Med	52.3%	4.7%	1.0%	5.7%
PHY	27.3%	-2.6%	0.4%	-2.3%
Medical Total		2.7%	0.6%	3.4%

Leveraging Impact - Large Group Non-HDHP Fee-For-Service Medical Claims						
	Member Months	Allowed	Coinsurance	Copay	Deductible	Paid*
	16,423					
Experience Period:		\$381.84	\$7.86	\$17.32	\$20.31	\$336.36
27 Months of Trend:		1.070	1.070	1.014	1.008	1.076
Projection Period:		\$408.41	\$8.40	\$17.56	\$20.48	\$361.97
Allowed Trend (Annual)		3.0%				
Paid Trend (Annual)						3.3%
Leveraging (Annual)						0.3%

Leveraging Impact - Large Group HDHP Fee-For-Service Medical Claims						
	Member Months	Allowed	Coinsurance	Copay	Deductible	Paid*
	13,251					
Experience Period:		\$290.48	\$5.75	\$0.00	\$72.96	\$211.76
27 Months of Trend:		1.070	1.070	1.014	1.022	1.086
Projection Period:		\$310.70	\$6.15	\$0.00	\$74.57	\$229.97
Allowed Trend (Annual)		3.0%				
Paid Trend (Annual)						3.7%
Leveraging (Annual)						0.7%

Leveraging Impact - Large Group Fee-For-Service Medical Claims					
	Allowed	Coinsurance	Copay	Deductible	Paid*
Experience Period:	\$341.04	\$6.92	\$9.59	\$43.82	\$280.72
27 Months of Trend:	1.070	1.070	1.014	1.019	1.079
Projection Period:	\$364.78	\$7.40	\$9.72	\$44.63	\$303.02
Allowed Trend (Annual)	3.0%				
Paid Trend (Annual)					3.5%
Leveraging (Annual)					0.4%

ignores impact of removing high cost claims and replacing with pooling charge. Paid projection will not tie out to FFS claim projection on Tab 3a unless these adjustments are taken into account.

Rx Trend Summary

	2017 Trend		2018 Trend		2019 Trend	
	Unit Cost	Utilization	Unit Cost	Utilization	Unit Cost	Utilization
Generic	-4.1%	2.9%	1.3%	3.3%	1.3%	3.3%
Brand	13.9%	1.5%	13.8%	-1.0%	13.8%	-1.0%
Specialty	6.8%	6.7%	8.6%	7.3%	8.6%	7.3%

Exhibit 2f -- Rx Trend Development - 2Q
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MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

Experience Period: January 1, 2016 - December 31, 2016

Paid Through: May 31, 2017

Member Months with Rx Benefit: 29,674

<u>Rx Claim Information</u>	Generic	Brand	Specialty	Total
Experience Period Scripts / 1000	9,218	824	113	10,155
Experience Period Allowed PMPM	\$14.92	\$16.96	\$29.34	\$61.21
Experience Period Deductible PMPM	\$1.69	\$0.87	\$0.33	\$2.88
Experience Period Copay PMPM	\$2.67	\$1.58	\$0.18	\$4.43
Experience Period Coinsurance PMPM	\$0.46	\$0.37	\$1.14	\$1.97
Experience Period Cost Sharing PMPM	\$4.82	\$2.82	\$1.65	\$9.29
Experience Period Paid PMPM	\$10.09	\$14.14	\$27.69	\$51.92
Annual Util Trend	1.031	1.001	1.070	1.029
Annual Unit Cost Trend	0.989	1.138	1.078	1.087
Annual Deductible Trend	1.010	1.010	1.010	1.010
Annual Paid Trend	1.018	1.161	1.156	1.132
Months of Trend to Q2 2018	27	27	27	27
Projected Scripts / 1000 as of Q2 2018	9,875	826	132	10,833
Projected Allowed PMPM as of Q2 2018	\$15.58	\$22.76	\$40.48	\$78.82
Projected Deductible PMPM	\$1.73	\$0.89	\$0.34	\$2.95
Projected Copay PMPM	\$2.86	\$1.58	\$0.21	\$4.66
Projected Coinsurance PMPM	\$0.48	\$0.50	\$1.57	\$2.55
Projected Cost Sharing PMPM as of Q2 2018	\$5.07	\$2.97	\$2.11	\$10.16
Projected Paid PMPM as of Q2 2018	\$10.50	\$19.79	\$38.36	\$68.66

Exhibit 2g -- Rx Trend Development - Non-HDHP 2Q

MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

Experience Period: January 1, 2016 - December 31, 2016

Paid Through: May 31, 2017

Member Months with Rx Benefit: 16,423

<u>Rx Claim Information</u>	Generic	Brand	Specialty	Total
Experience Period Scripts / 1000	11,178	1,055	146	12,379
Experience Period Allowed PMPM	\$21.05	\$23.50	\$39.99	\$84.54
Experience Period Deductible PMPM	\$0.00	\$0.00	\$0.00	\$0.00
Experience Period Copay PMPM	\$4.58	\$2.72	\$0.32	\$7.62
Experience Period Coinsurance PMPM	\$0.51	\$0.32	\$2.05	\$2.88
Experience Period Cost Sharing PMPM	\$5.09	\$3.03	\$2.37	\$10.50
Experience Period Paid PMPM	\$15.96	\$20.47	\$37.62	\$74.04
Annual Util Trend	1.031	1.001	1.070	1.029
Annual Unit Cost Trend	0.989	1.138	1.078	1.087
Annual Deductible Trend	1.000	1.000	1.000	1.000
Annual Paid Trend	1.016	1.157	1.155	1.127
Months of Trend to Q2 2018	27	27	27	27
Projected Scripts / 1000 as of Q2 2018	11,975	1,058	170	13,203
Projected Allowed PMPM as of Q2 2018	\$21.98	\$31.55	\$55.18	\$108.70
Projected Deductible PMPM	\$0.00	\$0.00	\$0.00	\$0.00
Projected Copay PMPM	\$4.91	\$2.72	\$0.38	\$8.01
Projected Coinsurance PMPM	\$0.53	\$0.42	\$2.83	\$3.79
Projected Cost Sharing PMPM as of Q2 2018	\$5.44	\$3.15	\$3.21	\$11.80
Projected Paid PMPM as of Q2 2018	\$16.53	\$28.40	\$51.97	\$96.90

Exhibit 2h -- Rx Trend Development - HDHP 2Q

MVP Health Care -- Q1 & Q2 2018 LG HIC Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

Experience Period: January 1, 2016 - December 31, 2016
Paid Through: May 31, 2017
Member Months: 13,251

<u>Rx Claim Information</u>	Generic	Brand	Specialty	Total
Experience Period Scripts / 1000	6,789	537	72	7,399
Experience Period Allowed PMPM	\$7.32	\$8.85	\$16.13	\$32.30
Experience Period Deductible PMPM	\$3.78	\$1.94	\$0.73	\$6.46
Experience Period Copay PMPM	\$0.30	\$0.17	\$0.01	\$0.48
Experience Period Coinsurance PMPM	\$0.41	\$0.44	\$0.00	\$0.85
Experience Period Cost Sharing PMPM	\$4.49	\$2.56	\$0.74	\$7.79
Experience Period Paid PMPM	\$2.83	\$6.29	\$15.39	\$24.51
Annual Util Trend	1.031	1.001	1.070	1.029
Annual Unit Cost Trend	0.989	1.138	1.078	1.089
Annual Deductible Trend	1.010	1.010	1.010	1.010
Annual Paid Trend	1.031	1.180	1.160	1.151
Months of Trend to Q2 2018	27	27	27	27
Projected Scripts / 1000 as of Q2 2018	7,273	538	84	7,896
Projected Allowed PMPM as of Q2 2018	\$7.64	\$11.88	\$22.26	\$41.78
Projected Deductible PMPM	\$3.86	\$1.98	\$0.75	\$6.60
Projected Copay PMPM	\$0.32	\$0.17	\$0.01	\$0.50
Projected Coinsurance PMPM	\$0.42	\$0.60	\$0.00	\$1.02
Projected Cost Sharing PMPM as of Q2 2018	\$4.61	\$2.75	\$0.76	\$8.12
Projected Paid PMPM as of Q2 2018	\$3.03	\$9.13	\$21.50	\$33.66

Exhibit 3a -- Claim Projection & Proposed Rate Change
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Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

LG HIC Claim Projection and Proposed Rate Change

Experience Period: January 1, 2016 - December 31, 2016

Paid Through: May 31, 2017

Experience Period Member Months	29,674
1) Experience Period Medical Claims PMPM	\$279.17
1a) Claims in Excess of \$100k over Experience Period	\$14.04
1b) Pooling Charge	1.0916
2) IBNR Factor	1.006
3) Experience Period Incurred Medical Claims <i>= [1) - 1a)] * 1b) * 2)</i>	\$291.02
4) Annual Medical Trend <i>Includes Paid Leveraging</i>	1.034
5) Months of Trend to Q1 2018	24
6) NY State HCRA Surcharge	0.25%
7) Trended Incurred Medical Claims PMPM as of Q1 2018 <i>= [3) * 4) ^ [5) / 12]] * [1 + 6)]</i>	\$311.96
8) Experience Period Rx Claims PMPM	\$51.92
8a) Rx Claims in Excess of \$100k over Experience Period	\$2.51
8b) Pooling Charge	1.0916
8c) Pharmacy Benefit Carve-in	\$0.35
9) Annual Rx Trend <i>Includes Paid Leveraging</i>	1.131
10) Months of Trend to Q1 2018	24
11) Trended Gross Rx Claims PMPM as of Q1 2018 <i>= [8) - 8a) + 8c)] * 8b) * [9)] ^ [10) / 12]</i>	\$69.49
11a) Rx Rebates	(\$14.94)
12) Trended Net Rx Claims PMPM as of Q1 2018 <i>= 11) + 11a)</i>	\$54.55
13) Capitations and Non-FFS Claim Expenses	\$10.47
14a) Industry Normalization Factor	0.997
14b) Impact of Membership Growth/Decline on Experience Pd Claims	0.995
15) Total Claim Cost as of Q1 2018 <i>= [[7) + 11)] * 14a) * 14b)] + 13)</i>	\$374.37
16) Projected Net Revenue Collected at Q4 2017 Rate Level	\$386.45
17) Proposed Quarterly Rate Change <i>= 15) / 16) - 1</i>	-3.1%

Exhibit 3b -- Claim Projection & Proposed Rate Change
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Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

LG HIC Claim Projection and Proposed Rate Change

Experience Period: January 1, 2016 - December 31, 2016
Paid Through: May 31, 2017

Experience Period Member Months	29,674
1) Experience Period Medical Claims PMPM	\$279.17
1a) Claims in Excess of \$100k over Experience Period	\$14.04
1b) Pooling Charge	1.0916
2) IBNR Factor	1.006
3) Experience Period Incurred Medical Claims <i>= [1) - 1a)] * 1b) * 2)</i>	\$291.02
4) Annual Medical Trend <i>Includes Paid Leveraging</i>	1.035
5) Months of Trend to Q2 2018	27
6) NY State HCRA Surcharge	0.25%
7) Trended Incurred Medical Claims PMPM as of Q2 2018 <i>= [3) * 4) ^ [5) / 12]] * [1 + 6)]</i>	\$314.93
8) Experience Period Rx Claims PMPM	\$51.92
8a) Rx Claims in Excess of \$100k over Experience Period	\$2.51
8b) Pooling Charge	1.0916
8c) Pharmacy Benefit Carve-in	\$0.35
9) Annual Rx Trend <i>Includes Paid Leveraging</i>	1.132
10) Months of Trend to Q2 2018	27
11) Trended Gross Rx Claims PMPM as of Q2 2018 <i>= [8) - 8a) + 8c)] * 8b) * [9)] ^ [10) / 12]</i>	\$71.84
11a) Rx Rebates	(\$14.98)
12) Trended Net Rx Claims PMPM as of Q2 2018 <i>= 11) + 11a)</i>	\$56.86
13) Capitations and Non-FFS Claim Expenses	\$10.47
14a) Industry Normalization Factor	0.997
14b) Impact of Membership Growth/Decline on Experience Pd Clai	0.995
15) Total Claim Cost as of Q2 2018 <i>= [[7) + 11)] * 14a) * 14b)] + 13)</i>	\$379.61
16) Projected Claim Cost Q1 2018 <i>Based on distribution of experience period members</i>	\$374.37
17) Proposed Quarterly Rate Change <i>= 15) / 16) - 1</i>	1.4%

Exhibit 4a -- Medical Manual Rates (Q1 2018)

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

2018 Coplan	2017 Coplan	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual	Annual Revenue Change
					Manual Rate		Change
VE2-021	VE021L	HyEPO	\$348.30	-3.1%	4.8%	5.8%
VE2-085	VE085L	EPO	\$431.55	-3.1%	4.8%	5.8%
VE2-087	VE087L	EPO	\$422.28	-3.1%	4.8%	5.8%
VE2-089	VE089L	EPO	\$409.29	-3.1%	4.8%	5.8%
VE2-090	VE090L	HyEPO	\$370.36	-3.1%	4.8%	5.8%
VE2-091	VE091L	HyEPO	\$332.73	-3.1%	4.8%	5.8%
VE2-092	VE092L	HyEPO	\$380.76	-3.1%	4.8%	5.8%
VE2-093	VE093L	HyEPO	\$348.30	-3.1%	4.8%	5.8%
VE2-095	VE095L	HyEPO	\$365.17	-3.1%	4.8%	5.8%
VE2-096	VE096L	HyEPO	\$335.32	-3.1%	4.8%	5.8%
VE2-100	VE100L	HyEPO	\$343.09	-3.1%	4.8%	5.8%
VE2-101	VE101L	HyEPO	\$326.98	-3.1%	4.8%	5.8%
VE2-102	VE102L	HyEPO	\$388.53	-3.1%	4.8%	5.8%
VE2-103	VE103L	HyEPO	\$359.96	-3.1%	4.8%	5.8%
VE2-105	VE105L	HyEPO	\$371.66	-3.1%	4.8%	5.8%
VE2-106	VE106L	HyEPO	\$339.22	-3.1%	4.8%	5.8%
VE2-107	VE107L	HyEPO	\$323.64	-3.1%	4.8%	5.8%
VE2-110	VE110L	HYEPO	\$332.73	-3.1%	4.8%	5.8%
VE2-111	VE111L	HYEPO	\$348.30	-3.1%	4.8%	5.8%
VE2-116	VE116L	HyEPO	\$324.74	-3.1%	4.8%	5.8%
VE2-117	VE117L	HyEPO	\$241.49	-3.1%	4.8%	5.8%
VE2-118	New Plan for 2018	HyEPO	\$283.58	N/A	N/A	N/A
VE2-119	New Plan for 2018	HyEPO	\$264.67	N/A	N/A	N/A
VP2-060	VP060L	HyPPO	\$414.76	-3.1%	4.8%	5.8%
VP2-061	VP061L	HyPPO	\$385.18	-3.1%	4.8%	5.8%
VP2-062	VP062L	HyPPO	\$348.64	-3.1%	4.8%	5.8%
VP2-063	VP063L	HyPPO	\$425.67	-3.1%	4.8%	5.8%
VP2-065	VP065L	HyPPO	\$379.78	-3.1%	4.8%	5.8%
VP2-066	VP066L	HyPPO	\$342.03	-3.1%	4.8%	5.8%
VP2-067	VP067L	HyPPO	\$330.24	-3.1%	4.8%	5.8%
VP2-071	VP071L	HyPPO	\$374.37	-3.1%	4.8%	5.8%
VP2-072	VP072L	HyPPO	\$338.04	-3.1%	4.8%	5.8%
VP2-073	VP073L	HyPPO	\$326.88	-3.1%	4.8%	5.8%
VEHD2-01	VEHD-01L	HDEPOagg	\$382.55	-3.1%	4.8%	5.8%
VEHD2-02	VEHD-02L	HDEPOagg	\$341.17	-3.1%	4.8%	5.8%
VEHD2-06	VEHD-06L	HDEPOagg	\$308.28	-3.1%	4.8%	5.8%
VEHD2-07	VEHD-07L	HDEPOagg	\$341.50	-3.1%	4.8%	5.8%
VEHD2-08	VEHD-08L	HDEPOagg	\$313.16	-3.1%	4.8%	5.8%
VEHD2-09	VEHD-09L	HDEPOagg	\$293.00	-3.1%	4.8%	5.8%
VEHD2-15	VEHD-15L	HDEPOagg	\$295.36	-3.1%	4.8%	5.8%
VEHD2-17	VEHD-17L	HDEPOagg	\$308.08	-3.1%	4.8%	5.8%
VEHD2-19	VEHD-19L	HDEPO	\$280.55	-3.1%	4.8%	5.8%
VEHD2-41	VEHD-41L	HDEPO	\$342.84	-3.1%	4.8%	5.8%
VEHD2-42	VEHD-42L	HDEPO	\$329.99	-3.1%	4.8%	5.8%
VEHD2-43	VEHD-43L	HDEPO	\$300.79	-3.1%	4.8%	5.8%
VEHD2-45	VEHD-45L	HDEPOagg	\$331.88	-3.1%	4.8%	5.8%
VEHD2-46	VEHD-46L	HDEPOagg	\$316.46	-3.1%	4.8%	5.8%
VEHD2-50	VEHD-50L	HDEPOagg	\$256.07	-3.1%	4.8%	5.8%
VEHD2-51	New Plan for 2018	HDEPOagg	\$254.34	N/A	N/A	N/A
VPHD2-03	VPHD-03L	HDPPOagg	\$281.81	-3.1%	4.8%	5.8%
VPHD2-05	VPHD-05L	HDPPOagg	\$336.40	-3.1%	4.8%	5.8%
VPHD2-07	VPHD-07L	HDPPOagg	\$350.73	-3.1%	4.8%	5.8%
VPHD2-15	VPHD-15L	HDPPOagg	\$298.01	-3.1%	4.8%	5.8%

Exhibit 4a -- Medical Manual Rates (Q2 2018)

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

2018 Coplan	2017 Coplan	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change	Annual Revenue Change
VE2-021	VE021L	HyEPO	\$353.18	1.4%	4.6%	4.7%
VE2-085	VE085L	EPO	\$437.59	1.4%	4.6%	4.7%
VE2-087	VE087L	EPO	\$428.19	1.4%	4.6%	4.7%
VE2-089	VE089L	EPO	\$415.02	1.4%	4.6%	4.7%
VE2-090	VE090L	HyEPO	\$375.55	1.4%	4.6%	4.7%
VE2-091	VE091L	HyEPO	\$337.39	1.4%	4.6%	4.7%
VE2-092	VE092L	HyEPO	\$386.09	1.4%	4.6%	4.7%
VE2-093	VE093L	HyEPO	\$353.18	1.4%	4.6%	4.7%
VE2-095	VE095L	HyEPO	\$370.28	1.4%	4.6%	4.7%
VE2-096	VE096L	HyEPO	\$340.01	1.4%	4.6%	4.7%
VE2-100	VE100L	HyEPO	\$347.89	1.4%	4.6%	4.7%
VE2-101	VE101L	HyEPO	\$331.56	1.4%	4.6%	4.7%
VE2-102	VE102L	HyEPO	\$393.97	1.4%	4.6%	4.7%
VE2-103	VE103L	HyEPO	\$365.00	1.4%	4.6%	4.7%
VE2-105	VE105L	HyEPO	\$376.86	1.4%	4.6%	4.7%
VE2-106	VE106L	HyEPO	\$343.97	1.4%	4.6%	4.7%
VE2-107	VE107L	HyEPO	\$328.17	1.4%	4.6%	4.7%
VE2-110	VE110L	HyEPO	\$337.39	1.4%	4.6%	4.7%
VE2-111	VE111L	HyEPO	\$353.18	1.4%	4.6%	4.7%
VE2-116	VE116L	HyEPO	\$329.29	1.4%	4.6%	4.7%
VE2-117	VE117L	HyEPO	\$244.87	1.4%	4.6%	4.7%
VE2-118	New Plan for 2018	HyEPO	\$287.55	1.4%	N/A	N/A
VE2-119	New Plan for 2018	HyEPO	\$268.38	1.4%	N/A	N/A
VP2-060	VP060L	HyPPO	\$420.57	1.4%	4.6%	4.7%
VP2-061	VP061L	HyPPO	\$390.57	1.4%	4.6%	4.7%
VP2-062	VP062L	HyPPO	\$353.52	1.4%	4.6%	4.7%
VP2-063	VP063L	HyPPO	\$431.63	1.4%	4.6%	4.7%
VP2-065	VP065L	HyPPO	\$385.10	1.4%	4.6%	4.7%
VP2-066	VP066L	HyPPO	\$346.82	1.4%	4.6%	4.7%
VP2-067	VP067L	HyPPO	\$334.86	1.4%	4.6%	4.7%
VP2-071	VP071L	HyPPO	\$379.61	1.4%	4.6%	4.7%
VP2-072	VP072L	HyPPO	\$342.77	1.4%	4.6%	4.7%
VP2-073	VP073L	HyPPO	\$331.46	1.4%	4.6%	4.7%
VEHD2-01	VEHD-01L	HDEPOagg	\$387.91	1.4%	4.6%	4.7%
VEHD2-02	VEHD-02L	HDEPOagg	\$345.95	1.4%	4.6%	4.7%
VEHD2-06	VEHD-06L	HDEPOagg	\$312.60	1.4%	4.6%	4.7%
VEHD2-07	VEHD-07L	HDEPOagg	\$346.28	1.4%	4.6%	4.7%
VEHD2-08	VEHD-08L	HDEPOagg	\$317.54	1.4%	4.6%	4.7%
VEHD2-09	VEHD-09L	HDEPOagg	\$297.10	1.4%	4.6%	4.7%
VEHD2-15	VEHD-15L	HDEPOagg	\$299.50	1.4%	4.6%	4.7%
VEHD2-17	VEHD-17L	HDEPOagg	\$312.39	1.4%	4.6%	4.7%
VEHD2-19	VEHD-19L	HDEPO	\$284.48	1.4%	4.6%	4.7%
VEHD2-41	VEHD-41L	HDEPO	\$347.64	1.4%	4.6%	4.7%
VEHD2-42	VEHD-42L	HDEPO	\$334.61	1.4%	4.6%	4.7%
VEHD2-43	VEHD-43L	HDEPO	\$305.00	1.4%	4.6%	4.7%
VEHD2-45	VEHD-45L	HDEPOagg	\$336.53	1.4%	4.6%	4.7%
VEHD2-46	VEHD-46L	HDEPOagg	\$320.89	1.4%	4.6%	4.7%
VEHD2-50	VEHD-50L	HDEPOagg	\$259.65	1.4%	4.6%	4.7%
VEHD2-51	New Plan for 2018	HDEPOagg	\$257.90	1.4%	N/A	N/A
VPHD2-03	VPHD-03L	HDPPOagg	\$285.76	1.4%	4.6%	4.7%
VPHD2-05	VPHD-05L	HDPPOagg	\$341.11	1.4%	4.6%	4.7%
VPHD2-07	VPHD-07L	HDPPOagg	\$355.64	1.4%	4.6%	4.7%
VPHD2-15	VPHD-15L	HDPPOagg	\$302.18	1.4%	4.6%	4.7%

Exhibit 4b -- Medical Riders (Q1 2018)

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
V2-301	V301	Vision Exam 1 Every 2 Calendar Yr	EPO/PPO	\$3.41	-3.1%	4.8%
V2-305L	V305L	Advanced Infertility Services - (Large Only)	EPO/PPO	\$4.57	-3.2%	4.9%
V2-306	V306	60 Visits Outpatient Physical/Speech/Occupational Therapy (In/Out Of Network C	EPO/PPO	\$4.30	-3.2%	4.7%
V2-307	V307	Exclusion For Elective Abortions	EPO/PPO	(\$0.18)	-5.3%	4.2%
V2-308	V308	Preventive Dental For Kids - \$25 Office Copayment	EPO/PPO	\$2.56	-3.0%	5.0%
V2-309L-a	V309L-a	Outpatient X-Ray Covered At 100% (Not High Tech) - \$500 Ded; 2x OOP Max plans	EPO/PPO	\$2.05	-3.3%	4.7%
V2-309L-b	V309L-b	Outpatient X-Ray Covered At 100% (Not High Tech) - \$500 Ded; 3x OOP Max plans	EPO/PPO	\$2.36	-3.3%	4.6%
V2-309L-c	V309L-c	Outpatient X-Ray Covered At 100% (Not High Tech) - \$1000 Ded; 2x OOP Max plar	EPO/PPO	\$3.69	-3.1%	4.7%
V2-309L-d	V309L-d	Outpatient X-Ray Covered At 100% (Not High Tech) - \$1000 Ded; 3x OOP Max plar	EPO/PPO	\$4.24	-3.2%	4.9%
V2-309L-e	V309L-e	Outpatient X-Ray Covered At 100% (Not High Tech) - \$2000 Ded; 2x OOP Max plar	EPO/PPO	\$8.55	-3.1%	4.9%
V2-309L-f	V309L-f	Outpatient X-Ray Covered At 100% (Not High Tech) - \$2000 Ded; 3x OOP Max plar	EPO/PPO	\$9.03	-3.1%	4.9%
V2-309L-g	V309L-g	Outpatient X-Ray Covered At 100% (Not High Tech) - \$3000+ Ded; 2x OOP Max plar	EPO/PPO	\$12.19	-3.1%	4.9%
V2-309L-h	V309L-h	Outpatient X-Ray Covered At 100% (Not High Tech) - \$3000+ Ded; 3x OOP Max plar	EPO/PPO	\$12.53	-3.1%	4.8%
V2-310	V310	Annual Vision Exam - Per Calendar Yr	EPO/PPO	\$6.32	-3.1%	5.0%
V2-312	V312	Dme, External Pros/Ostomy Buy - Up To 80% In-Network Only	EPO/PPO	\$0.83	-3.5%	4.2%
V2-314	V314	Adult Preventative Dental	EPO/PPO	\$14.47	-3.1%	4.9%
V2-315	V315	Adult Prev Dental w/ Family Restorative	EPO/PPO	\$19.71	-3.1%	4.9%
V2-316	V316	Disposable Medical Supplies	EPO/PPO	\$0.94	-3.1%	5.3%
V2-317	V317	Changes Contract Yr To Calendar Year	EPO/PPO	\$0.00	n/a	n/a
V2-356	V356	Deductible Carryover Rider	EPO/PPO	\$3.99	n/a	n/a
V2-361	V361	Gym Membership Reimbursement - \$300 Maximum per Subscriber	EPO/PPO	\$2.55	0.0%	0.0%
V2-362	V362	Youth Sports Reimbursement - \$300 Maximum per Subscriber	EPO/PPO	\$0.65	0.0%	0.0%
V2-363	V363	Weight Loss Program Reimbursement - \$100 Maximum per Subscriber	EPO/PPO	\$0.21	0.0%	0.0%
V2-700	V700	Domestic Partners (Same And Opp Sex)	EPO/PPO	\$0.00	n/a	n/a
V2-702	V702	Domestic Partners (Same And Opp Sex)	EPO/PPO	\$0.00	n/a	n/a
VEHD2-312a	VEHD 312a	Exam & Hardware, attaches to \$1250 INN Ded	HDEPO	\$2.90	-3.0%	4.9%
VEHD2-312b	VEHD 312b	Exam & Hardware, attaches to \$1500 INN Ded	HDEPO	\$2.66	-2.9%	5.4%
VEHD2-312c	VEHD 312c	Exam & Hardware, attaches to \$2000 INN Ded	HDEPO	\$2.20	-3.1%	5.1%
VEHD2-312d	VEHD 312d	Exam & Hardware, attaches to \$2500 INN Ded	HDEPO	\$1.86	-3.1%	4.7%
VEHD2-312e	VEHD 312e	Exam & Hardware, attaches to \$3000 INN Ded	HDEPO	\$1.61	-3.0%	4.8%
VEHD2-312f	VEHD 312f	Exam & Hardware, attaches to \$4000 INN Ded	HDEPO	\$1.23	-3.1%	5.0%
VEHD2-312g	VEHD 312g	Exam & Hardware, attaches to \$5000 INN Ded	HDEPO	\$0.99	-2.9%	5.2%
VEHD2-312h	VEHD 312h	Exam & Hardware, attaches to \$10000 INN Ded	HDEPO	\$0.43	-2.3%	6.6%
VEHD2-312j	VEHD 312j	Exam & Hardware, attaches to \$6600 INN Ded	HDEPO	\$0.81	-3.6%	4.2%
VPHD2-312a	VPHD 312a	Exam & Hardware, attaches to \$1250 INN Ded	HDPPPO	\$2.90	-3.0%	4.9%
VPHD2-312b	VPHD 312b	Exam & Hardware, attaches to \$1500 INN Ded	HDPPPO	\$2.66	-2.9%	5.4%
VPHD2-312c	VPHD 312c	Exam & Hardware, attaches to \$2000 INN Ded	HDPPPO	\$2.20	-3.1%	5.1%
VPHD2-312d	VPHD 312d	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.86	-3.1%	4.7%
VPHD2-312e	VPHD 312e	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.61	-3.0%	4.8%
VPHD2-312f	VPHD 312f	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.23	-3.1%	5.0%
VPHD2-312g	VPHD 312g	Exam & Hardware, attaches to \$5000 INN Ded	HDPPPO	\$0.99	-2.9%	5.2%
VPHD2-312h	VPHD 312h	Exam & Hardware, attaches to \$10000 INN Ded	HDPPPO	\$0.43	-2.3%	6.6%
VHD2-305L	VHD305L	Advanced Infertility Services - (Large Only)	HDHP	\$4.52	-3.0%	4.9%
VHD2-306	VHD306	60 Visits Outpatient Physical/Speech/Occupational Therapy (In/Out Of Network C	HDHP	\$4.59	-3.2%	4.9%
VHD2-307	VHD307	Exclusion For Elective Abortions	HDHP	(\$0.16)	0.0%	11.1%
VHD2-316	VHD316	Disposable Medical Supplies	HDHP	\$0.61	-3.2%	4.2%
VHD2-317	VHDC317	Changes Contract Yr To Calendar Year	HDHP	\$0.00	n/a	n/a

Exhibit 4b -- Medical Riders (Q1 2018)

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
VHD2-343	VHDC343	Gym Membership Reimbursement - \$300 Maximum per Subscriber	HDHP	\$2.55	0.0%	0.0%
VHD2-344	VHDC344	Youth Sports Reimbursement - \$300 Maximum per Subscriber	HDHP	\$0.65	0.0%	0.0%
VHD2-345	VHDC345	Weight Loss Program Reimbursement - \$100 Maximum per Subscriber	HDHP	\$0.21	0.0%	0.0%
VHD2-346	New Rider for 2018	Annual Vision Exam - Per Calendar Yr	HDHP	\$6.32	n/a	n/a
VHD2-356	VHD356L	Deductible Carryover Rider	HDHP	\$8.00	n/a	n/a
VHD700	VHD700	Domestic Partners (Same And Opp Sex)	HDHP	\$0.00	n/a	n/a
VHD702	VHD702	Domestic Partners (Same And Opp Sex)	HDHP	\$0.00	n/a	n/a
VHD2-510-a	VHD510-a	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-01)	HDHP	\$1.60	-3.0%	4.8%
VHD2-510-b	VHD510-b	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-02)	HDHP	\$4.22	-3.2%	4.9%
VHD2-510-c	VHD510-c	Safe Harbor preventative Rx list for qualified HDHP's (VPHD2-03)	HDHP	\$13.82	-3.1%	4.8%
VHD2-510-e	VHD510-e	Safe Harbor preventative Rx list for qualified HDHP's (VPHD2-05)	HDHP	\$9.83	-3.1%	4.9%
VHD2-510-f	VHD510-f	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-06)	HDHP	\$4.68	-3.1%	4.8%
VHD2-510-g	VHD510-g	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-07 & VPHD2-07)	HDHP	\$2.55	-3.0%	5.0%
VHD2-510-h	VHD510-h	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-08)	HDHP	\$3.35	-3.2%	4.8%
VHD2-510-i	VHD510-i	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-09)	HDHP	\$5.07	-3.1%	5.0%
VHD2-510-o	VHD510-o	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-015 & VPHD2-015)	HDHP	\$3.37	-3.2%	4.8%
VHD2-510-q	VHD510-q	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-17)	HDHP	\$4.22	-3.2%	4.9%
VHD2-510-s	VHD510-s	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-19)	HDHP	\$13.46	-3.1%	4.9%
VHD2-510-aa	VHD510-aa	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-41)	HDHP	\$6.39	-3.0%	4.8%
VHD2-510-ab	VHD510-ab	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-42)	HDHP	\$7.01	-3.0%	4.9%
VHD2-510-ac	VHD510-ac	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-43)	HDHP	\$9.94	-3.1%	4.8%
VHD2-510-ae	VHD510-ae	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-45)	HDHP	\$6.88	-3.1%	4.8%
VHD2-510-af	VHD510-af	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-46)	HDHP	\$7.49	-3.1%	4.9%
VHD2-510-ak	VHD510-ak	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-50)	HDHP	\$15.39	-3.1%	n/a
VHD2-510-al	New Rider for 2018	Safe Harbor preventative Rx list for qualified HDHP's (VEHD2-51)	HDHP	\$16.38	n/a	n/a

Exhibit 4b -- Medical Riders (Q2 2018)

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
V2-301	V301	Vision Exam 1 Every 2 Calendar Yr	EPO/PPO	\$3.46	1.5%	4.5%
V2-305L	V305L	Advanced Infertility Services - (Large Only)	EPO/PPO	\$4.63	1.3%	4.5%
V2-306	V306	60 Visits Outpatient Physical/Speech/Occupational Therapy (In/Out Of Network C	EPO/PPO	\$4.36	1.4%	4.6%
V2-307	V307	Exclusion For Elective Abortions	EPO/PPO	(\$0.18)	0.0%	0.0%
V2-308	V308	Preventive Dental For Kids - \$25 Office Copayment	EPO/PPO	\$2.60	1.6%	4.8%
V2-309L-a	V309L-a	Outpatient X-Ray Covered At 100% (Not High Tech) - \$500 Ded; 2x OOP Max plans	EPO/PPO	\$2.08	1.5%	4.5%
V2-309L-b	V309L-b	Outpatient X-Ray Covered At 100% (Not High Tech) - \$500 Ded; 3x OOP Max plans	EPO/PPO	\$2.39	1.3%	4.4%
V2-309L-c	V309L-c	Outpatient X-Ray Covered At 100% (Not High Tech) - \$1000 Ded; 2x OOP Max plar	EPO/PPO	\$3.74	1.4%	4.5%
V2-309L-d	V309L-d	Outpatient X-Ray Covered At 100% (Not High Tech) - \$1000 Ded; 3x OOP Max plar	EPO/PPO	\$4.30	1.4%	4.6%
V2-309L-e	V309L-e	Outpatient X-Ray Covered At 100% (Not High Tech) - \$2000 Ded; 2x OOP Max plar	EPO/PPO	\$8.67	1.4%	4.7%
V2-309L-f	V309L-f	Outpatient X-Ray Covered At 100% (Not High Tech) - \$2000 Ded; 3x OOP Max plar	EPO/PPO	\$9.16	1.4%	4.7%
V2-309L-g	V309L-g	Outpatient X-Ray Covered At 100% (Not High Tech) - \$3000+ Ded; 2x OOP Max plar	EPO/PPO	\$12.36	1.4%	4.7%
V2-309L-h	V309L-h	Outpatient X-Ray Covered At 100% (Not High Tech) - \$3000+ Ded; 3x OOP Max plar	EPO/PPO	\$12.71	1.4%	4.7%
V2-310	V310	Annual Vision Exam - Per Calendar Yr	EPO/PPO	\$6.41	1.4%	4.7%
V2-312	V312	Dme, External Pros/Ostomy Buy - Up To 80% In-Network Only	EPO/PPO	\$0.84	1.2%	3.7%
V2-314	V314	Adult Preventative Dental	EPO/PPO	\$14.67	1.4%	4.6%
V2-315	V315	Adult Prev Dental w/ Family Restorative	EPO/PPO	\$19.99	1.4%	4.7%
V2-316	V316	Disposable Medical Supplies	EPO/PPO	\$0.95	1.1%	4.4%
V2-317	V317	Changes Contract Yr To Calendar Year	EPO/PPO	\$0.00	n/a	n/a
V2-356	V356	Deductible Carryover Rider	EPO/PPO	\$4.05	1.5%	n/a
V2-361	V361	Gym Membership Reimbursement - \$300 Maximum per Subscriber	EPO/PPO	\$2.55	0.0%	0.0%
V2-362	V362	Youth Sports Reimbursement - \$300 Maximum per Subscriber	EPO/PPO	\$0.65	0.0%	0.0%
V2-363	V363	Weight Loss Program Reimbursement - \$100 Maximum per Subscriber	EPO/PPO	\$0.21	0.0%	0.0%
V2-700	V700	Domestic Partners (Same And Opp Sex)	EPO/PPO	\$0.00	n/a	n/a
V2-702	V702	Domestic Partners (Same And Opp Sex)	EPO/PPO	\$0.00	n/a	n/a
VEHD2-312a	VEHD 312a	Exam & Hardware, attaches to \$1250 INN Ded	HDEPO	\$2.94	1.4%	4.6%
VEHD2-312b	VEHD 312b	Exam & Hardware, attaches to \$1500 INN Ded	HDEPO	\$2.70	1.5%	5.1%
VEHD2-312c	VEHD 312c	Exam & Hardware, attaches to \$2000 INN Ded	HDEPO	\$2.23	1.4%	4.7%
VEHD2-312d	VEHD 312d	Exam & Hardware, attaches to \$2500 INN Ded	HDEPO	\$1.89	1.6%	5.0%
VEHD2-312e	VEHD 312e	Exam & Hardware, attaches to \$3000 INN Ded	HDEPO	\$1.63	1.2%	4.5%
VEHD2-312f	VEHD 312f	Exam & Hardware, attaches to \$4000 INN Ded	HDEPO	\$1.25	1.6%	5.0%
VEHD2-312g	VEHD 312g	Exam & Hardware, attaches to \$5000 INN Ded	HDEPO	\$1.00	1.0%	4.2%
VEHD2-312h	VEHD 312h	Exam & Hardware, attaches to \$10000 INN Ded	HDEPO	\$0.44	2.3%	7.3%
VEHD2-312j	VEHD 312j	Exam & Hardware, attaches to \$6600 INN Ded	HDEPO	\$0.82	1.2%	3.8%
VPHD2-312a	VPHD 312a	Exam & Hardware, attaches to \$1250 INN Ded	HDPPPO	\$2.94	1.4%	4.6%
VPHD2-312b	VPHD 312b	Exam & Hardware, attaches to \$1500 INN Ded	HDPPPO	\$2.70	1.5%	5.1%
VPHD2-312c	VPHD 312c	Exam & Hardware, attaches to \$2000 INN Ded	HDPPPO	\$2.23	1.4%	4.7%
VPHD2-312d	VPHD 312d	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.89	1.6%	5.0%
VPHD2-312e	VPHD 312e	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.63	1.2%	4.5%
VPHD2-312f	VPHD 312f	Exam & Hardware, attaches to \$2500 INN Ded	HDPPPO	\$1.25	1.6%	5.0%
VPHD2-312g	VPHD 312g	Exam & Hardware, attaches to \$5000 INN Ded	HDPPPO	\$1.00	1.0%	4.2%
VPHD2-312h	VPHD 312h	Exam & Hardware, attaches to \$10000 INN Ded	HDPPPO	\$0.44	2.3%	7.3%
VHD2-305L	VHD305L	Advanced Infertility Services - (Large Only)	HDHP	\$4.58	1.3%	4.6%
VHD2-306	VHD306	60 Visits Outpatient Physical/Speech/Occupational Therapy (In/Out Of Network C	HDHP	\$4.65	1.3%	4.5%
VHD2-307	VHD307	Exclusion For Elective Abortions	HDHP	(\$0.16)	0.0%	6.7%
VHD2-316	VHD316	Disposable Medical Supplies	HDHP	\$0.62	1.6%	5.1%
VHD2-317	VHDC317	Changes Contract Yr To Calendar Year	HDHP	\$0.00	n/a	n/a

Exhibit 4b -- Medical Riders (Q2 2018)

Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
VHD2-343	VHDC343	Gym Membership Reimbursement - \$300 Maximum per Subscriber	HDHP	\$2.55	0.0%	0.0%
VHD2-344	VHDC344	Youth Sports Reimbursement - \$300 Maximum per Subscriber	HDHP	\$0.65	0.0%	0.0%
VHD2-345	VHDC345	Weight Loss Program Reimbursement - \$100 Maximum per Subscriber	HDHP	\$0.21	0.0%	0.0%
VHD2-346	New Rider for 2018	Annual Vision Exam - Per Calendar Yr	HDHP	\$6.41	1.4%	n/a
VHD2-356	VHD356L	Deductible Carryover Rider	HDHP	\$8.11	1.4%	n/a
VHD700	VHD700	Domestic Partners (Same And Opp Sex)	HDHP	\$0.00	n/a	n/a
VHD702	VHD702	Domestic Partners (Same And Opp Sex)	HDHP	\$0.00	n/a	n/a
VHD2-510-a	VHD510-a	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-01)	HDHP	\$1.62	1.3%	4.5%
VHD2-510-b	VHD510-b	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-02)	HDHP	\$4.28	1.4%	4.6%
VHD2-510-c	VHD510-c	Safe Harbor preventative Rx list for qualified HDHP's (VPHD-03)	HDHP	\$14.01	1.4%	4.6%
VHD2-510-e	VHD510-e	Safe Harbor preventative Rx list for qualified HDHP's (VPHD-05)	HDHP	\$9.97	1.4%	4.7%
VHD2-510-f	VHD510-f	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-06)	HDHP	\$4.75	1.5%	4.6%
VHD2-510-g	VHD510-g	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-07 & VPHD-07)	HDHP	\$2.59	1.6%	4.9%
VHD2-510-h	VHD510-h	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-08)	HDHP	\$3.40	1.5%	4.6%
VHD2-510-i	VHD510-i	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-09 & VPHD-09)	HDHP	\$5.14	1.4%	4.7%
VHD2-510-o	VHD510-o	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-015 & VPHD-015)	HDHP	\$3.42	1.5%	4.6%
VHD2-510-q	VHD510-q	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-17)	HDHP	\$4.28	1.4%	4.6%
VHD2-510-s	VHD510-s	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-19)	HDHP	\$13.65	1.4%	4.7%
VHD2-510-aa	VHD510-aa	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-41)	HDHP	\$6.48	1.4%	4.7%
VHD2-510-ab	VHD510-ab	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-42)	HDHP	\$7.11	1.4%	4.7%
VHD2-510-ac	VHD510-ac	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-43)	HDHP	\$10.08	1.4%	4.6%
VHD2-510-ae	VHD510-ae	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-45)	HDHP	\$6.98	1.5%	4.6%
VHD2-510-af	VHD510-af	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-46)	HDHP	\$7.59	1.3%	4.5%
VHD2-510-ak	VHD510-ak	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-50)	HDHP	\$15.61	1.4%	4.7%
VHD2-510-al	New Rider for 2018	Safe Harbor preventative Rx list for qualified HDHP's (VEHD-50)	HDHP	\$16.61	1.4%	n/a

Exhibit 4c -- Rx Riders (Q1 2018)
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Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between January 1, 2018 - March 31, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
V2-500	V500	\$10/\$30/\$50	EPO/PPO	\$46.15	-3.1%	4.8%
V2-501	V501	\$10/30%/50%	EPO/PPO	\$40.47	-3.1%	4.8%
V2-502	V502	50%	EPO/PPO	\$36.10	-3.1%	4.8%
V2-504	V504	\$0/\$30/\$50	EPO/PPO	\$53.74	-3.1%	4.8%
V2-601	V601	\$5/\$35/\$70	EPO/PPO	\$47.93	-3.1%	4.8%
V2-602	V602	\$5/\$35/\$70 - \$250 Brand Ded	EPO/PPO	\$42.09	-3.1%	4.8%
V2-604	V604	\$5/\$45/\$90	EPO/PPO	\$46.52	-3.1%	4.8%
V2-605	V605	\$5/\$45/\$90 - \$250 Brand Ded	EPO/PPO	\$41.20	-3.1%	4.8%
V2-606	V606	\$5/\$45/\$90 - \$500 Brand Ded	EPO/PPO	\$38.27	-3.1%	4.8%
V2-550L	V550L	Removes MAC Pricing	EPO/PPO	\$0.76	-2.6%	4.1%
V2-551L	V551L	Change mail copay from 2.5 to 2.0	EPO/PPO	\$0.32	-3.0%	3.2%

Exhibit 4c -- Rx Riders (Q2 2018)
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Large Group VT HIC AR42 Rate Filing
For Effective Dates Beginning Between April 1, 2018 - June 30, 2018

2018 Rider	2017 Rider	Description	Product Type	Net Required Revenue PMPM	Quarterly Change	Annual Manual Rate Change
V2-500	V500	\$10/\$30/\$50	EPO/PPO	\$46.80	1.4%	4.6%
V2-501	V501	\$10/30%/50%	EPO/PPO	\$41.04	1.4%	4.6%
V2-502	V502	50%	EPO/PPO	\$36.61	1.4%	4.6%
V2-504	V504	\$0/\$30/\$50	EPO/PPO	\$54.49	1.4%	4.6%
V2-601	V601	\$5/\$35/\$70	EPO/PPO	\$48.60	1.4%	4.6%
V2-602	V602	\$5/\$35/\$70 - \$250 Brand Ded	EPO/PPO	\$42.68	1.4%	4.6%
V2-604	V604	\$5/\$45/\$90	EPO/PPO	\$47.17	1.4%	4.6%
V2-605	V605	\$5/\$45/\$90 - \$250 Brand Ded	EPO/PPO	\$41.78	1.4%	4.6%
V2-606	V606	\$5/\$45/\$90 - \$500 Brand Ded	EPO/PPO	\$38.81	1.4%	4.7%
V2-550L	V550L	Removes MAC Pricing	EPO/PPO	\$0.77	1.3%	4.1%
V2-551L	V551L	Change mail copay from 2.5 to 2.0	EPO/PPO	\$0.32	0.0%	3.2%