

Report to the New York State Department of Health

New York State Medical Indemnity Fund

4th Quarter 2019 Actuarial Analysis

As of December 31, 2019

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3109 Cornelius Drive
Bloomington, IL 61704
309.807.2300
pinnacleactuaries.com

TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
Purpose & Scope	1
Executive Summary	2
Background	5
Data, Methods & Assumptions	6
Participants with \$0 in Benefit Payments	9
Participants with Less than \$25,000 in Annual Benefit Payments	9
Participants with More than \$400,000 in Annual Benefit Payments	11
Discussion and Analysis	12
Number of Qualifying Participants	12
Mortality Experience/Life Expectancy	13
Actuarial Calculation of Estimated Fund Liabilities	15
Amount of Benefits Paid	16
Patterns of Utilization	17
Benefit Payments and Injury Type	20
Inflationary Patterns of Types of Services	24
Administrative Expenses	25
Impact of Available Health Insurance	26
Investment Earnings	26
Distribution & Use	27
Reliances & Limitations	29

EXHIBITS

New York State Medical Indemnity Fund

4th Quarter 2019 Actuarial Analysis

As of December 31, 2019

Purpose & Scope

Pinnacle Actuarial Resources, Inc. (“Pinnacle”) has been retained by the New York State Department of Health (NYS DOH or “the Department”) to provide quarterly actuarial reports regarding the experience of the New York State Medical Indemnity Fund (MIF or the Fund). Previously, Pinnacle performed this service for the New York State Department of Financial Services (NYS DFS). This analysis evaluates data for the Fund as of December 31, 2019.

§69-10.19 of the New York State Department of Health Regulation states that the quarterly reports should “include a review of the various elements contributing to the amount of benefits paid by the Fund and to the expenses of administration of the Fund, including:”

- The number of qualifying plaintiffs
- The mortality experience of the qualified plaintiffs
- The amount of benefits paid by the Fund
- The patterns of utilization of types of services provided
- Inflationary patterns by types of services provided
- The expenses of administration of the Fund
- The impact of available health insurance on benefits paid by the Fund, and
- Investment earnings of the Fund

§69-10.20 of the New York State Department of Health Regulation also requires an actuarial calculation of the estimated liabilities of the Fund for the coming year resulting from the qualified plaintiffs enrolled in the Fund.

Executive Summary

Based on our review of available information regarding the New York State Medical Indemnity Fund as of December 31, 2019, Pinnacle has arrived at a number of key conclusions:

- As of December 31, 2019, the Fund has accepted 680 participants (669 living) with expected future benefit payments of approximately \$983.8 million and future administrative expenses of \$180.7 million, assuming a discount rate of 2.0% and future medical inflation of 3.0%. With a Fund balance as of December 31, 2019 of approximately \$258.9 million, this results in an unfunded liability for the Fund of approximately \$905.6 million. The large increase in unfunded liability from our analysis as of September 30, 2019 is due to the addition of 41 new participants over the past quarter.
 - For the fiscal year prior to the impact of legislation signed on December 31 of 2016 (4/1/16-3/31/17, the 2016-17 fiscal year), the average benefit payments per participant were \$12,310 per quarter for a total of \$21.100 million paid in benefits during this fiscal year. Living participant counts increased from 400 to 455 over this period. See the Payments Per Participant Summary for more detail regarding these numbers.
 - On December 31, 2016, new legislation was signed expanding eligibility for the Fund to non-hospital births and significantly raising reimbursement rates for the period from July 1, 2017 through December 31, 2019. The period for these increased reimbursement rates was recently extended to December 31, 2020 as part of the recent New York State budget. For the most recent four quarters of the Fund (1/1/2019-12/31/2019), average benefit payments per participant were \$17,628 per quarter, representing a 43.2% increase over the average payments in the 2016-17 fiscal year. Total benefits paid were \$44.263 million for these four quarters, representing a 109.8% increase in payments over the 2016-17 fiscal period, while living participant counts increased from 595 to 669 over this period. Total annual benefit payments are anticipated to increase annually as more participants are added to the Fund.
 - Our analysis contemplates the “sunset” of the 2016 legislation expected to occur on December 31, 2020. Any legislative action to extend this sunset may have a significant

- impact on this analysis, similar to the impact of the recent extension noted in our report as of March 31, 2019.
- Total future lifetime benefits for the 669 living Fund participants without discounting is estimated to be \$1.978 billion. See Exhibit 2, Page 2.
 - The current present value of future benefit payments of \$983.8 million does not consider any additional enrollees that may be admitted to the Fund in the future.
 - Prior to the beginning of the fiscal year, the Fund was expected to have approximately eighty-four (84.40) additional participants accepted between March 31, 2019 and March 31, 2020. Historically, more participants are admitted in the first quarter of the fiscal year than in successive quarters of the fiscal year; we have incorporated this observation into our expected participant counts per quarter (see Exhibit 3).
 - There were forty-one (41) new participants to the Fund in the third quarter of fiscal year 2019-20, approximately twenty-two (22) more than expected for this period at the beginning of the fiscal year and the highest number of admitted participants in the Fund's history. While this is partially balanced by the fact that there were nearly twelve (12) fewer participants than expected in the prior quarter, overall the Fund has admitted eight (8) participants more than expected at this point in the fiscal year. Prior to this quarter, new participant counts per quarter have varied between ten (10) and twenty-five (25) in the last two years.
 - Actual benefit payments in the third quarter of the 2019-20 fiscal year (10/1/19-12/31/19) as of 12/31/19 were \$13.159 million. This amount is \$0.266 million higher than expected at the prior quarterly analysis and higher than the benefit payments in any other quarter in the Fund's history. Benefit payments in the first two quarters of the 2019-20 fiscal year totaled \$21.345 million. Based on modeled severities and an expected 16.88 additional participants, expected benefit payments in the remaining quarter of the 2019-20 fiscal year are \$13.653 million. Estimated total benefit payments for the 2019-20 fiscal year (4/1/19 – 3/31/20) are therefore \$48.157 million. See Exhibit 3 for more detail regarding these numbers. It is important to recognize that these amounts can vary significantly each quarter due to the inherent uncertainty in benefit payments, the effect of the legislative changes on payments, and the

transition to a new third party claim administrator in the third quarter of the 2017-18 fiscal year.

- As of September 1, 2018, both the Fund’s claims handling and enrollment services are now provided by Public Consulting Group (PCG) instead of Alicare. This change is ultimately expected to decrease the administrative expenses of the Fund on a per month per member basis. Based on information from the NYS DFS, at the March 31, 2019 analysis we projected that \$5.449 million would be spent in administrative costs for the 2019-20 fiscal year (see Exhibit 2, Page 1 of our report for 2019 Q1). This number was based on expected, not actual, participant counts. We expect the annual administrative expense to decrease on a per member basis over the next few years due to economies of scale.
- Exhibit 1 summarizes Fund payments by benefit type since 4th quarter of 2012. Compared to the Virginia Birth Related Neurological Injury Compensation Fund, another state-run birthinjury fund serviced by Pinnacle, the Fund is having a substantially higher percentage of overall costs in medical and hospital costs, medical equipment and prescription drug costs, and corresponding lower percentages in nursing and long term care costs.
- As of December 31, 2019, forty-five (45) participants have received more than \$1 million in benefit payments, with twelve (12) of these participants receiving more than \$2 million in benefit payments. Based on current annual severities by individual member, we expect four (4) more members to cross the \$1 million threshold in the next twelve months. These benefit payments do not include prescription amounts handled in bulk by vendors; see Exhibit 7, page 8 for total prescription drug payments handled in bulk.

Background

“The Medical Indemnity Fund was established in 2011 to provide a funding source for future health care costs associated with birth-related neurological injuries. Enrollees of the Fund are plaintiffs in medical malpractice actions who have received either court-approved settlements or judgments deeming the plaintiffs' neurological impairments to be birth-related.”¹ More specifically, a “birth-related neurological injury” is “an injury to the brain or spinal cord...that occurred in the course of labor, delivery or resuscitation, or by the provision or non-provision of other medical services during the delivery admission.”² These injuries must result in a physical impairment, a developmental disability, or both.

Benefits provided by the Fund include:

- Medical, Dental, Surgical and Hospital Care
- Nursing and Custodial Care
- Prescription and Non-Prescription Drugs
- Rehabilitation Services
- Durable Medical Equipment and Assistive Technology
- Certain Home and Vehicle Modifications
- Other Health Care Costs for Medical Services and Supplies for Participants

The NYS DOH serves as the administrator of the Fund. Beginning on October 1, 2019 the New York State Department of Health (NYS DOH) replaced the NYS DFS as the Fund’s administrators. For the first year of the MIF’s operations, Sedgwick CMS served as the Fund’s third party administrators (TPA). For the second year of operations, they were replaced by Alicare. As of September 1, 2017, claims are now handled by PCG while Alicare continued to work with Fund enrollment and case management until September 1, 2018. PCG now handles enrollment services as well as claims. Pinnacle serves as the actuarial advisors to the Fund as well as the only other two state-run birth injury funds in the U.S., the Virginia Birth Related Neurological Injury Compensation Fund and the Florida Neurological Injury Compensation Association.

¹ Provided by NYS DFS

² http://www.dfs.ny.gov/insurance/mif/mif_faqs.htm

The Fund currently is financed through a budget allocation from the state of New York. Any party to a medical professional liability claim can request for the judgment to reflect eligibility for participation in the Fund. Upon this judgment, the participant is eligible to receive covered benefits from the Fund.

According to part 6(a) of section §2999-i of the New York Public Health Law Title 4:

“the superintendent of financial services shall conduct an actuarial calculation of the estimated liabilities of the fund for the coming year resulting from the qualified plaintiffs enrolled in the fund....If the total of all estimates of current liabilities equals or exceeds eighty percent of the fund’s assets, then the fund shall not accept any new enrollments until a new deposit has been made pursuant to subdivision five of this section. When, as a results of such new deposit, the fund’s liabilities no longer exceed eighty percent of the fund’s assets, the fund administrator shall enroll new qualified plaintiffs in the order that an application for enrollment has been submitted in accordance with subdivision seven of section twenty-nine hundred ninety-nine-j of this title.”

In addition, part 6(d) states that “suspension of enrollment....shall not impact payment under the fund for any qualified plaintiffs already enrolled in the fund.”

Data, Methods & Assumptions

Given that the Fund has been in operation for less than nine years, a number of sources of information are still in the formative stages. Pinnacle has worked with Alicare and is working with PCG to ensure that their claims databases are sufficient to support these ongoing quarterly reports and to enhance the ongoing management of the Fund.

Early in the Fund’s operations, some health care benefits that should have been paid by the Fund were erroneously paid by New York Medicaid. Pinnacle was provided detailed benefit payment information on these costs by the NYS DOH and they are reflected in the exhibits.

Some of the long-term forecasts and industry benchmarks used in the analysis are based on data for the birth injury funds in Virginia and Florida, as well as medical professional liability insurers in the state of New York. These have been significantly modified based on data from the Fund as it becomes more credible.

Assumptions that we are currently monitoring include:

- Benefit payment patterns
- The lag between a participant's birth and joining the Fund
- Participant mortality rates
- The rate of medical inflation in the state of New York
- Appropriate rates for discounting benefit payments
- Projected administrative expenses over a participant's lifetime

One significant area of ongoing review of assumptions relates to the expected number of claims per 10,000 live births. Initially, 1.10 participants per 10,000 births were assumed based on data from Virginia and Florida. After the first year, the frequency rate was increased to 2.90 participants per 10,000 births. In the first quarter 2014 report, the expected number of eligible Fund participants was increased from 2.90 per 10,000 live births to 3.48 to be more consistent with the first two full fiscal years of experience and present more realistic financial projections for the next five years. In late 2016, we increased the assumption to 4.50 participants per 10,000 births to better reflect ongoing frequency data. It should be recognized that this is over four times the number of participants per 10,000 live births experienced by the birth funds in Florida and Virginia. Starting with the March 31, 2018 analysis, we reduced this assumption to 4.00 participants per 10,000 births to acknowledge lower than expected Fund participation rates. Due to recent changes in the Fund and the admittance of participants with less severe diagnoses such as ADHD and autism, we may find it necessary to revisit these frequency assumptions.

As we are accumulating more credible amounts of benefit payments data, several differences are emerging from Virginia's birth fund experience. To illustrate, we show the annual benefit payments during calendar years 2017, 2018 and 2019 to Fund participants that were admitted to the program

prior to the beginning of each year and were living at the conclusion of the calendar year (i.e. participants that have a full year of benefit payments) on the following graph and compare the Fund’s data to data from Virginia. Additional severity information is contained in Exhibit 1, Page 2 and Exhibit 6³.

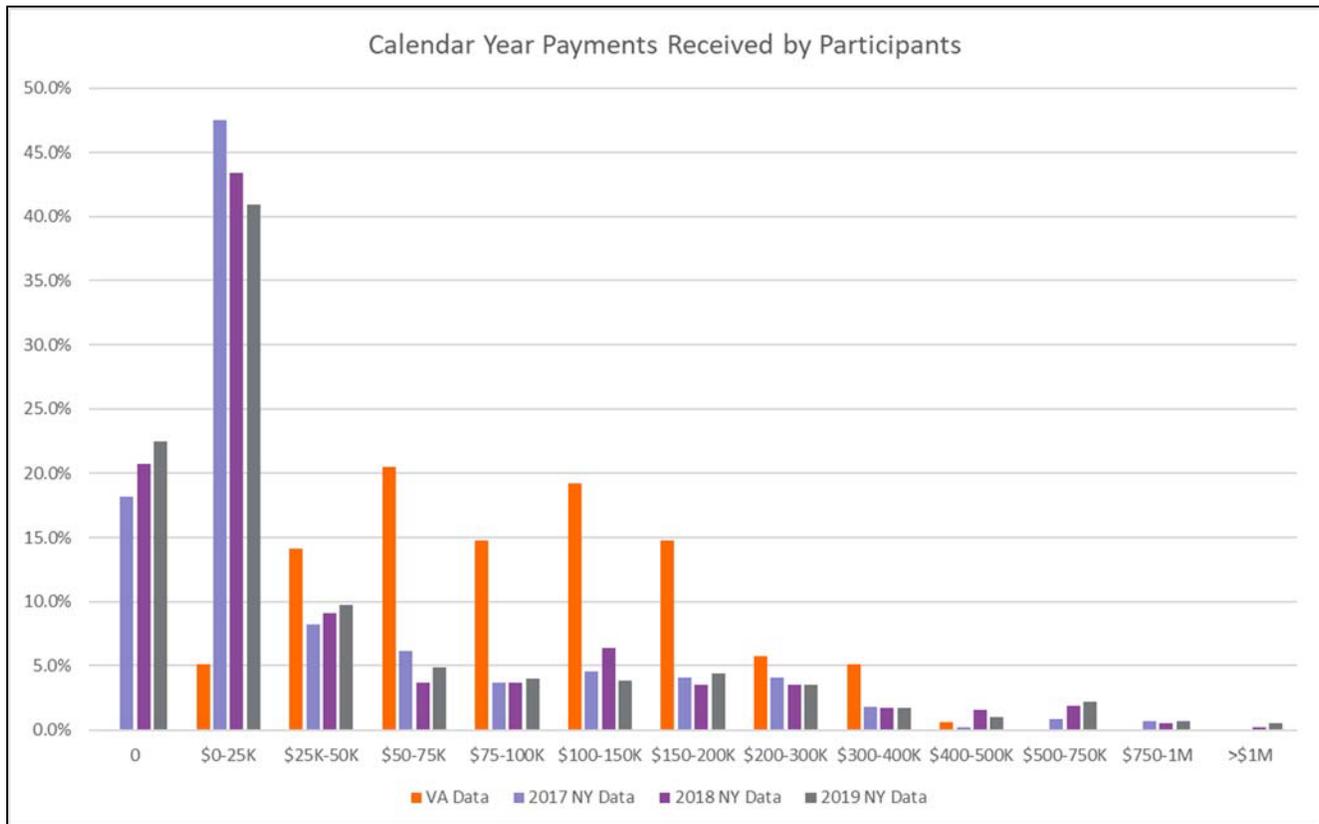


Chart 1: Calendar Year Payments Received by Participants

This comparison raises three key issues. We will pose each issue as a question, then offer more comments below.

- 1) The Fund has significantly more participants with \$0 of benefit payments during the year. Will these participants have benefit payments at some point?
- 2) The Fund has substantially more participants with less than \$25,000 in annual benefit payments. Is there something about the Fund’s enabling legislation that is causing this or will their costs increase over time?

³The remaining portion of the *Data, Methods and Assumptions* section has been updated for the MIF 2019 Q4 report. This section is updated annually as another calendar year of data emerges.

- 3) The Fund had eight participants in 2017, twenty-two participants in 2018, and twenty-six participants in 2019 with annual benefit payments totaling over \$400,000. Virginia’s birth fund has only one participant that breached this threshold. Admittedly, there are sample size issues, but will this phenomenon continue to persist?

Participants with \$0 in Benefit Payments

To address the first issue, we analyzed the 583 participants that had been in the Fund for more than one year as of December 31, 2019. We found that of these participants, 8% showed \$0 in benefit payments as of December 31, 2019. Approximately 3% of participants showed only prescription drug payments through vendors based on schedules provided by PCG. We also grouped participants based on number of years in the Fund and found that these percentages are similar to those in our 2018 year-end analysis:

<u>Time in Fund</u>	<u>Number of Participants</u>	<u>Number of Participants With Payments</u>	<u>Percentage of Participants With Payments</u>
3 years or longer	456	430	94.3%
2 years or longer	529	493	93.2%
Longer than 1 year	583	538	92.3%

Table 2: Participants with Payments (in the Fund longer than 1 year)

Based on the data collected so far and assuming no significant changes in health insurance, we believe it is reasonable to assume that 6% of Fund participants will not receive any benefit payments over their lifetimes. Hence while 22% of the participants in the graph above showed \$0 in payments for calendar year 2019, we expect that over the long run only 6% of participants will receive \$0 in benefit payments.

Participants with Less than \$25,000 in Annual Benefit Payments

The second issue, a higher number of participants with less than \$25K in annual payments, may be related to the difference in the definition of “birth-related injury” between the Fund and Virginia. In Virginia, participants must be “permanently motorically disabled and developmentally disabled or

cognitively disabled (emphasis added)” as well as “need assistance with all daily living activities.”⁴ The New York Fund requires either a physical or mental disability (emphasis added); both types are not required. Several of the Fund’s patients have injury diagnoses that tend to be physical-only injuries, particularly Brachial Plexus and Erb’s Palsy. These injury types show significantly lower severities than other types (see Exhibit 1, Page 2); while 12.0% of Fund participants have one of these diagnoses, they have accounted for less than 0.5% of the Fund’s total payments. However, physical-only or mental-only disabilities classified within other injury categories may also be contributing to the low severities. We do not have the detailed diagnosis information to further explore this hypothesis.

Over the long term, we show that nearly 60% of participants will receive more than \$25K in benefit payments:

<u>Time in Fund</u>	<u>Number of Participants</u>	<u>Number of Participants With >\$25K Paid</u>	<u>Percentage of Participants With >\$25K Paid</u>
3 years or longer	456	271	59.4%
2 years or longer	529	304	57.5%
Longer than 1 year	583	323	55.4%

Table 3: Participants with At Least \$25K Paid (in the Fund longer than 1 year)

Previously, long term benefit payments shown in this table did not include prescription/non-prescription drug payments currently handled in bulk by Fund vendors. This exclusion made a significant difference; in the third quarter of the 2019-20 fiscal year, 94% of prescription/non-prescription drug costs were handled in bulk (compare current quarter vendor payments at the bottom of Exhibit 7 to total prescription payments in 2019 Q4 on Exhibit 1, page 1). We are now regularly provided with vendor schedules by PCG which allows us to approximate prescription drug payments by member. We therefore include these payments when reviewing Fund utilization by member, but for accuracy we do not include these values when calculating average severities or calendar year payments by member.

⁴ From vabirthinjury.com/eligibility-benefits-claims

Participants with More than \$400,000 in Annual Benefit Payments

The phenomenon mentioned in the third issue, participants with very large annual payments, has continued to grow since 2016. In calendar year 2017, eight participants received more than \$400K in benefit payments. In calendar year 2018, this number increased to twenty-two with one member receiving over \$1 million in benefit payments. Most recently in calendar year 2019, twenty-six participants received more than \$400K in benefit payments with three members receiving over \$1M in benefit payments. Taking a long-term view, ten of the twenty-six participants show an average annual benefit cost of over \$400,000 per year of membership in the Fund. These numbers are also prior to any allocation of prescription/non-prescription drug payments processed in bulk by Fund vendors. We reviewed payments by category (other than prescription/non-prescription drugs) for these twenty-six participants in order to determine whether large one-time payments (such as hospitalizations or home modifications) could be responsible for this increase. We found that nearly 80% of payments in 2019 for these members were due to nursing costs, a similar result to our 2018 analysis. Two members received more than \$1 million in nursing costs in 2019. Since nursing costs are expected to result in regular, ongoing benefits (and quarterly payments) over time as opposed to one-time expenses, it is likely that these high payment levels will continue, and continue to increase, for these participants and others in the future.

We are continuing to monitor these phenomena and will continue to add additional analysis as appropriate and as more information emerges.

As frequency and severity patterns were observed over time, changes to the assumptions regarding the expected frequency and severity of claims were made to the 4th quarter 2014 analysis and again in the second quarter of 2016 due to observed frequencies and severities differing from original assumptions. These assumptions are detailed above in this report. Furthermore, we expect to continue monitoring participation frequency and re-visit our selections regularly.

Discussion and Analysis

Number of Qualifying Participants

Based on the loss runs provided by Sedgwick CMS, Alicare, PCG and DOH, valued as of December 31, 2019, there are six hundred and eighty (680) participants that have qualified for the Program as of this date; six hundred and sixty-nine (669) were still living as of December 31, 2019. This information is summarized in Exhibit 6, Page 2.

There were forty-one (41) new participants to the Fund in the third quarter of fiscal 2020, approximately twenty-two (22) more than expected for the quarter and the highest number in the Fund's history. While this is slightly offset by low participant counts in the preceding quarter, there were still eight (8) more participants than expected added in the current fiscal year. Instead of assuming uniform admittance throughout the year, we now incorporate the apparent pattern of a higher admittance rate near the beginning of a fiscal year. This change was first introduced in the June 30, 2019 analysis.

The number of Fund participants and the distribution of participants by age warrants continued monitoring. The average age of a Fund participant at the time of admission is about 8.7 which is approximately four years older than the age of a Virginia Birth Fund participant at admission. Since the 2014-15 fiscal year, average age of admittance is higher at 9.1.

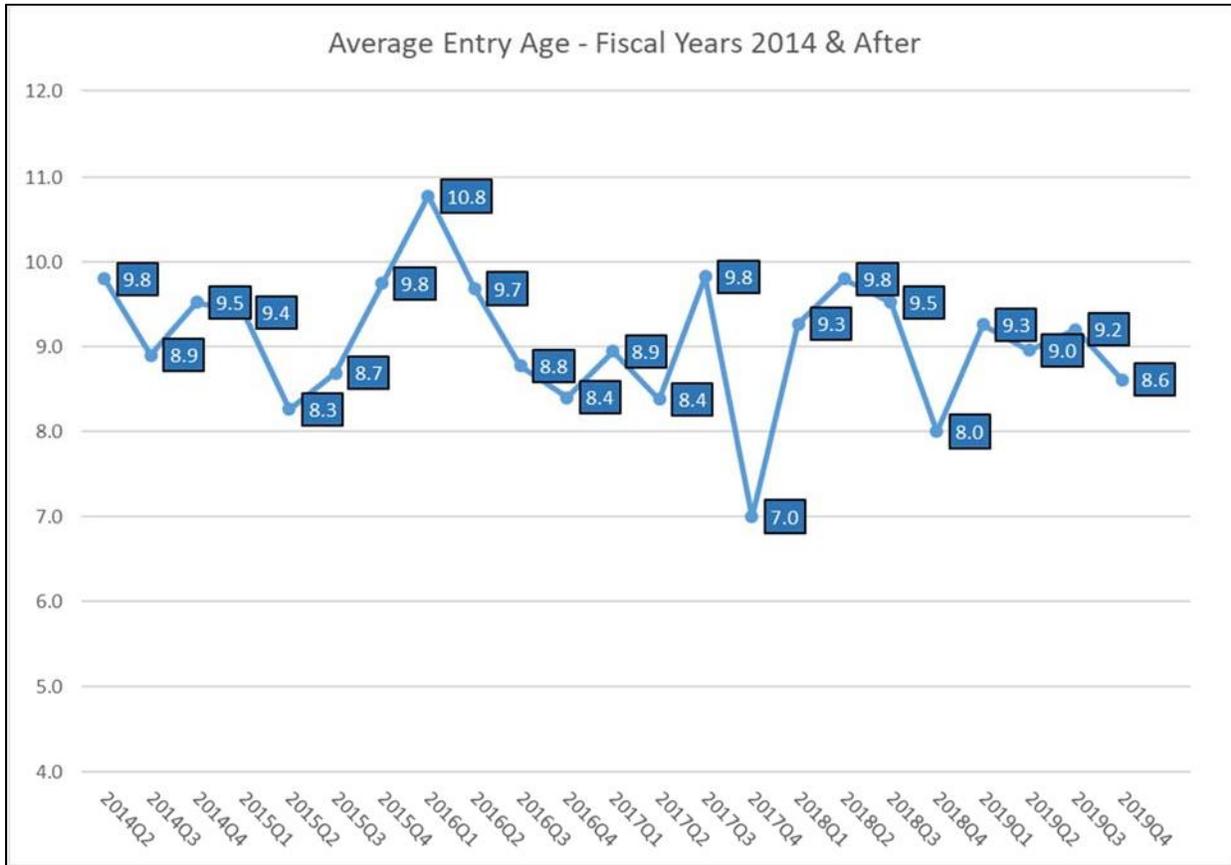


Chart 4: Average Entry Age of Fund Participants Since 2014-15 Fiscal Year

Mortality Experience/Life Expectancy

It is reasonable to expect that average life expectancies for Fund participants will average in the high twenties as a group, unless the different admission standards materially change life expectancies relative to the Virginia and Florida birth funds. The current life expectancies of the Virginia birth fund are 28.4 years from birth and 29.1 years for participants that reach the age of three (3). As of December 31, 2019, the Fund has experienced the death of only eleven (11) of its participants. Furthermore, only seventeen (17) Fund participants were admitted prior to the age of three. The following graph shows the distribution of current Fund participants by age.

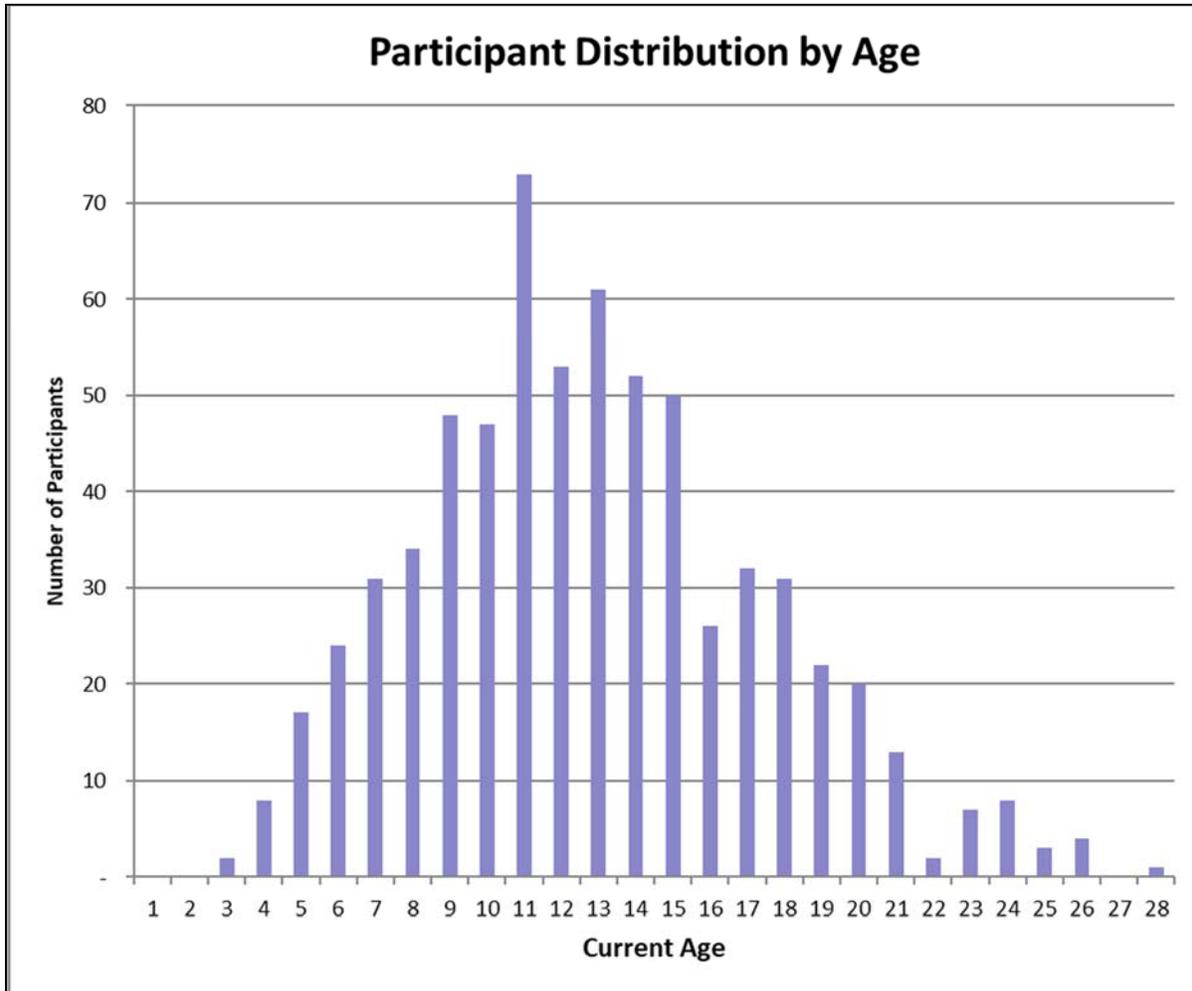


Chart 5: Age Distribution of Fund Participants

Due to the low number of Fund participant deaths (only 1.6% of admitted participants are deceased), we still do not yet have enough credible data to compare Fund participant life expectancies with Virginia life expectancies. However, we have revised initial mortality assumptions to reflect lower than expected mortality thus far. We hypothesize that the inclusion of physical-only and mental-only injuries may lead to higher Fund life expectancies than Virginia life expectancies, but we require more data to support or refute this hypothesis.

Actuarial Calculation of Estimated Fund Liabilities

We have been asked to project expected fund liabilities for the next ten fiscal years of the MIF. To do this, we have estimated the ultimate benefit payments for the participants admitted to the Fund each quarter on both a nominal and discounted basis. Three methods were used as a reasonability check for estimating ultimate benefit payments by the year in which a participant was accepted to the Fund. A loss development method was used in which actual benefit payments to date were divided by the expected percentage of ultimate benefits as of each participant-quarter's maturity. These percentages were developed based on information for the Virginia Birth Fund and modified to reflect the older average age of the Fund participants upon admittance and the Fund's actual payments. An expected loss method was also used in which expected ultimate benefit payments by quarter were also estimated using a weighted average of expected average ultimate benefit payments per Fund participant overall and by quarter of eligibility. Finally, a Bornhuetter-Ferguson (B-F) technique estimates ultimate losses using a combination of expected losses and loss development techniques. See Exhibit 6, page 1 for the application of these three techniques.

On December 31, 2016, legislation was signed expanding eligibility for the Fund to non-hospital births and significantly raising reimbursement rates for the period from July 1, 2017 through December 31, 2019. This period was extended to December 31, 2020 in recent New York State budget legislation. We prepared an extensive costing study in March 2017 estimating the impact of this change on participant severities based on the expected increased participation and reimbursement rates. Since that time we have relied primarily on these severities, modifying them as actual experience emerges for living participants and using the other three methods as a reasonability check. The current selected severities can be seen in Exhibit 6, Page 2.

For the March 31, 2018 analysis and again for the March 31, 2019 analysis, we adjusted the severity assumptions for participants already admitted into the Fund based on Fund experience. These severities vary based on the participant's admittance year to the Fund. The timing of the payments used in our severity estimates also reflect the amount of time a participant is expected to live, so that

these severities take participant mortality into account. See Exhibit 6, Page 2 for more detail on these numbers.

Based on this approach and the current legislation, we estimate that the 669 living admitted Fund participants will ultimately receive benefit payments on the order of \$2.135 billion (including the \$157.7 million in benefits already paid and \$1.978 billion in expected future payments). Adjusting for the time value of money at a 2.0% discount rate results in a present value for these benefits of \$1.141 billion. See Exhibit 5, Pages 3 and 6 for more detail on these numbers.

Actual benefit payments in the third quarter of the 2019-20 fiscal year were \$13.159 million. This amount is \$0.266 million higher than expected at the prior quarterly analysis and the highest amount of benefit payments in a single quarter within the Fund's history. Benefit payments in the first two quarters of the 2019-20 fiscal year totaled \$21.345 million. Based on modeled severities and an expected 16.88 additional participants, expected benefit payments in the remaining quarter of the 2019-20 fiscal year is \$13.653 million. Estimated total benefit payments for the 2019-20 fiscal year (4/1/19 – 3/31/20) are therefore \$48.157 million. See Exhibit 3 for more detail regarding these numbers. It is important to recognize that these amounts can vary significantly each quarter. The change from our estimate of \$47.446 million for fiscal year 2019-20 in the prior analysis is due to benefit payments that were higher than our expected estimate as of the September 30, 2019 analysis in the last three months. We are continuing to monitor our estimation methodology closely as it is quite sensitive to several key assumptions.

Amount of Benefits Paid

Based on payment data provided by PCG, \$13.159 million was paid to Fund participants during the third quarter of the 2019-20 fiscal year (10/1/19 – 12/31/19). These payments are \$0.266 million higher than the expected benefit payments as of the September 30, 2019 analysis. See Exhibit 3 for more detail.

We have investigated to see if there are material differences in the types of injuries experienced by participants in the New York Fund versus those in Virginia and Florida that may explain some of the differences we are seeing between actual and expected payments. As noted previously, the Virginia program requires both a physical and developmental/cognitive disability and the participant must “need assistance with all daily living activities”⁵ to qualify for admittance. This standard for Virginia is therefore stricter than for the Fund, which requires either a physical or mental disability but not necessarily both. This difference appears to be contributing to the Fund’s higher frequency of participants per live births as well as a higher frequency of participants with less than \$25,000 in payments per year. For example, the Center for Disease Control and Prevention considers cerebral palsy a motor disability⁶. While children with cerebral palsy often have a co-occurring physical or developmental disability, cerebral palsy can exist separately from intellectual disability. As participants with cerebral palsy account for 21% of the Fund’s participants and 30% of the Fund’s payments (see Exhibit 1, Page 2), this distinction could be impacting the Fund’s divergence from Virginia’s experience. In addition, we recognize that certain diagnoses tend to be “physical-only” (i.e. Brachial Plexus and Erb’s Palsy). However, we do not have detailed diagnosis data nor the medical expertise that could inform further investigation.

Patterns of Utilization

It is too early in the life of the Fund to provide any credible conclusions regarding patterns of utilization, particularly as the legislative change may have impacted Fund utilization. However, Pinnacle continues to work with PCG to develop the data capabilities to provide this type of analysis in the future. Specifically, we have developed and continue to maintain detailed benefit payment information by participant, diagnosis, Fund fiscal year and benefit type. The benefit types being captured are intended to reflect the benefits provided by the Fund’s legislation and follow form with existing databases in Florida and Virginia.

Exhibit 1 shows payment detail (provided through 12/31/19) grouped into the following categories:

⁵ From vabirthinjury.com/eligibility-benefits-claims

⁶ <https://www.cdc.gov/ncbddd/cp/data.html#references>

- Medical Treatment
- Hospital Based Care
- Surgical Care
- Nursing Care
- Dental Care
- Rehabilitation Care
- Custodial Care
- Durable Medical Equipment
- Home Modifications
- Vehicle Modifications
- Prescription and Non-Prescriptive Drugs
- Other Health Care Costs
- Assistive Technology
- Other Payments

Our analysis suggests benefit payment patterns that differ from the Virginia data. To date, the Fund has a substantially higher percentage of overall costs in medical and hospital costs, medical equipment and prescription drug costs, and corresponding lower percentages in nursing costs. To improve our understanding of the prescription drug costs, PCG now provides vendor payment data that allow us to explore prescription drug costs on a by-member basis (although these summaries do not directly map to the quarterly payment summaries and prescription drugs must still be handled in bulk for our overall analysis). This data is summarized in Exhibit 1, Page 1 and shown graphically below. Exhibit 1, Page 1 also compares New York data to benefit payments in Virginia. Nursing costs are the majority of total payments in both states.

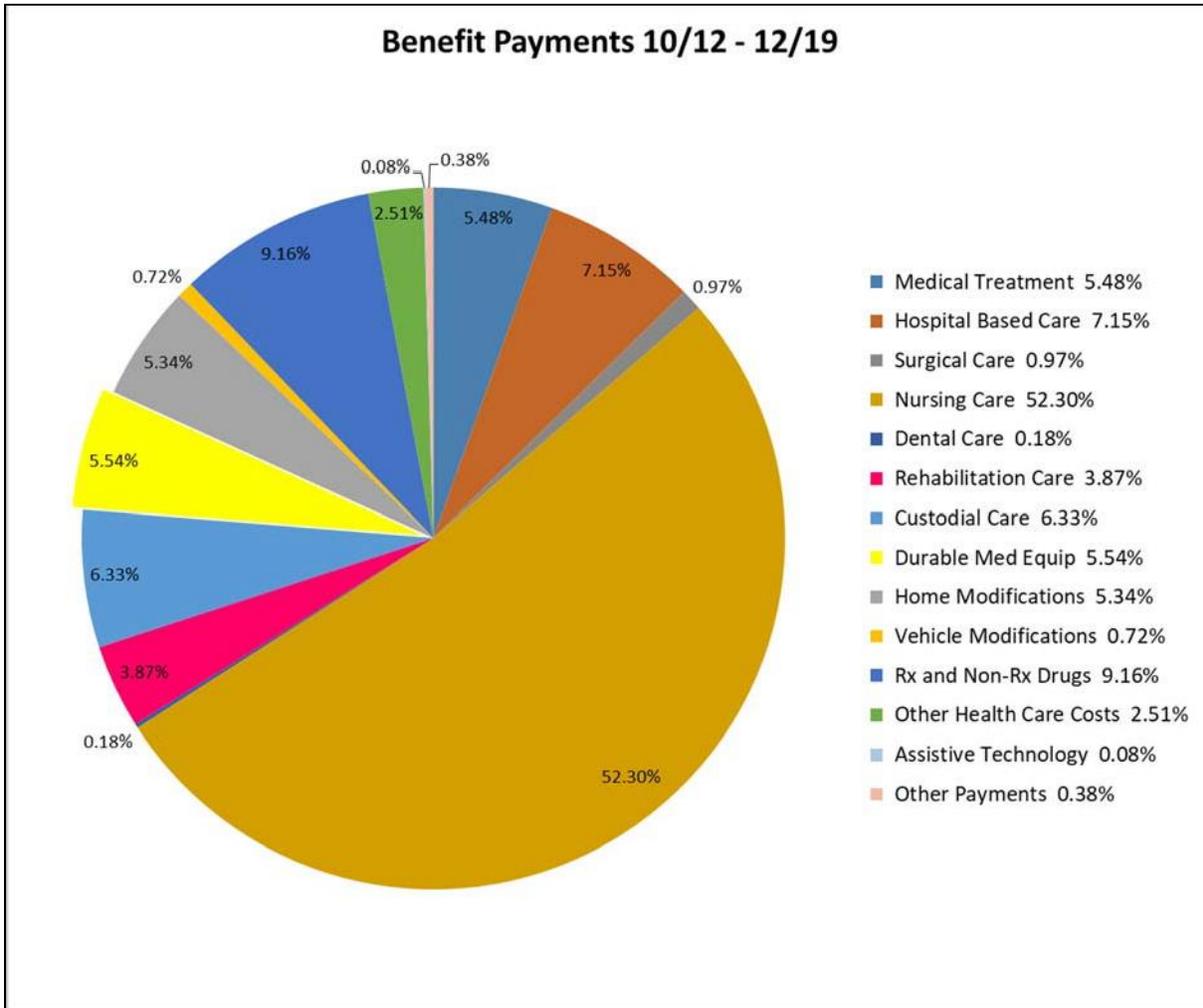


Chart 6: Benefit Payments by Category

In 2017, two significant changes occurred – the legislation signed in December 31, 2016 to increase reimbursement rates went into effect, and claims handling for the Fund’s benefit payments was switched from Alicare to PCG. The Payments Per Participant Summary is provided to illustrate the impact of these changes, comparing the 2016-17 fiscal year (the year prior to these changes) to payments in the most recent four quarters of the Fund. While the overall increase in average payments of 43.2% is due to the increased reimbursement rates, the distribution of payments between categories may have been affected by the change from Alicare to PCG. The Other Health Costs Category in particular now includes medical supplies, hearing screenings, and other assessments not separately identified in the Alicare data but provided in a more granular way in the PCG data. This category may be reflecting payments that would previously have been assigned to another category of

payments. The Assistive Technology category has also seen significant increase. While this increase may be due to the change to PCG, most of the new payments are related to speech generating devices, which may simply be a technology that was not often utilized by participants in the past.

Another key aspect of the database needed to evaluate patterns of utilization is differences in the medical and mental condition of the Fund's participants. To facilitate this dimension of our future analysis, Pinnacle worked with Alicare to track a number of characteristics for each Fund participant, including:

- Current Age
- Gender
- Injury Description
- Other Insurance (i.e. whether participant holds other insurance)
- Ambulatory Status
- Use of a gastric feeding tube (G-Tube)
- Ability to lift head from the prone position
- Use of a ventilator
- Use of a tracheostomy tube (trach tube).

Most of these characteristics are still available through the data PCG now provides, although we have not yet been provided with the participant limitations (such as the use of a gastric feeding tube) that have been found to be valuable in the Virginia analysis. In Virginia, several of these characteristics have been shown to influence life expectancies and average annual benefit payments. While we do not have the data yet to evaluate life expectancies by diagnosis, we are continuing to compile average annual benefit payment information for all members with over 1 year of participation in the Fund and are tracking current patterns to inform future analyses.

Benefit Payments and Injury Type

For nearly all Fund participants, the nature of the injury and primary diagnosis permitting entrance into the Fund has been provided to Pinnacle as part of the quarterly enrollment data. Although strict standardization of participant injury types is not provided, sufficiently detailed descriptions of the nature of the injury have allowed us to judgmentally categorize participants into standardized injury

type groups. As with the benefit type categorization, injury type categorization can aid in identifying differences in injury types that are relevant to the management of the Fund.

We have categorized the primary diagnosis for each Fund participant into one of the following injury types:

- Brachial Plexus
- Cerebral Palsy
- Developmental Delays
- Encephalopathy
- Erb's Palsy
- Hemiplegia
- Mental Retardation
- Neurological Disabilities
- Quadriplegia
- Spastic Diplegia
- Spastic Paraplegia
- Spastic Quadriplegia
- Other
- Not Available

The following is a graph of the distribution of participants by injury type group above. Spastic quadriplegia, cerebral palsy, and encephalopathy combine to make up about 74% of total benefit payments.

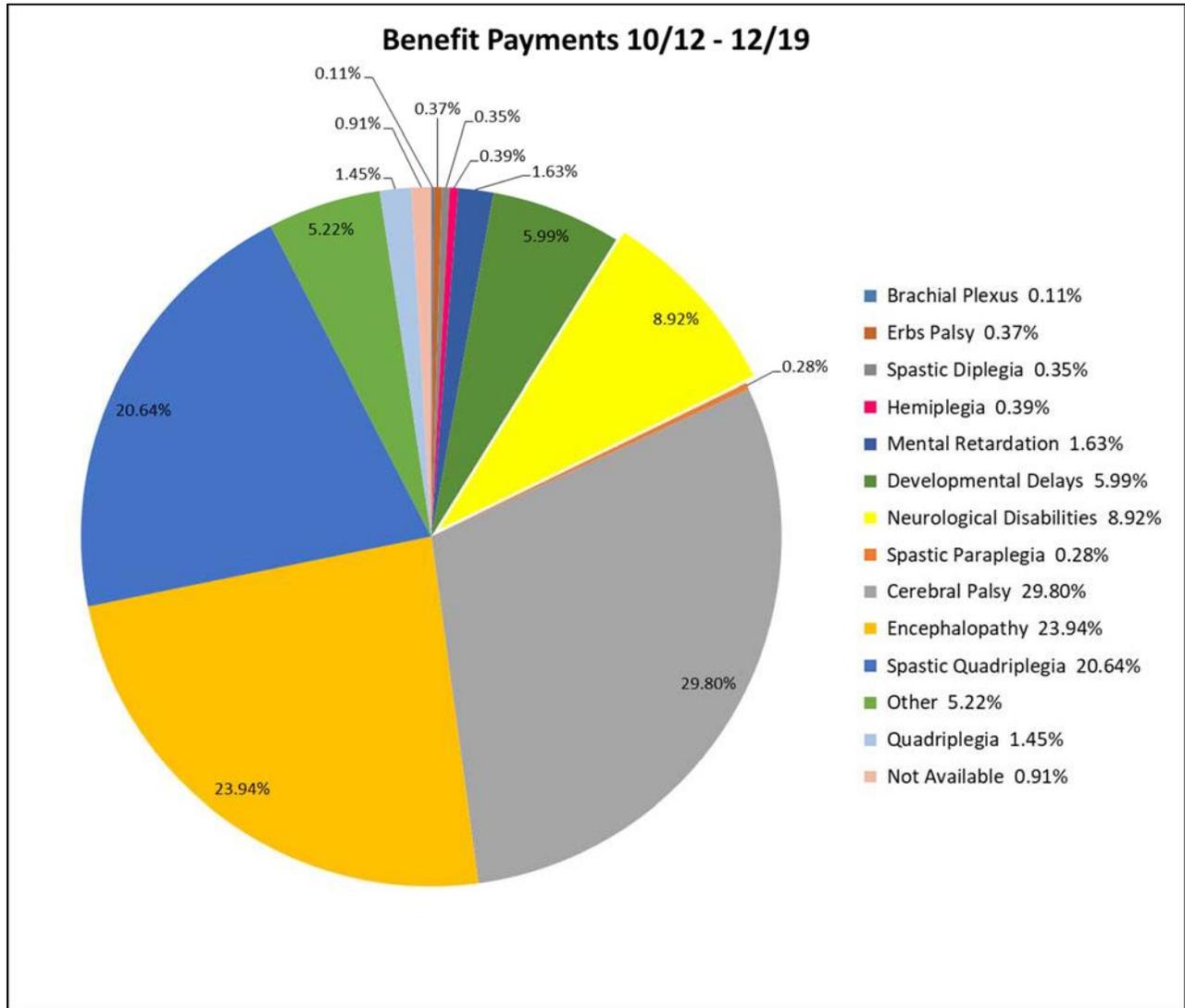


Chart 7: Benefit Payments by Injury Type

It is clear from the graph that the Fund’s participant composition by injury type is varied, but also concentrated in a handful of categories. The following graph illustrates the number of participants and average payment by injury type through the current quarter.

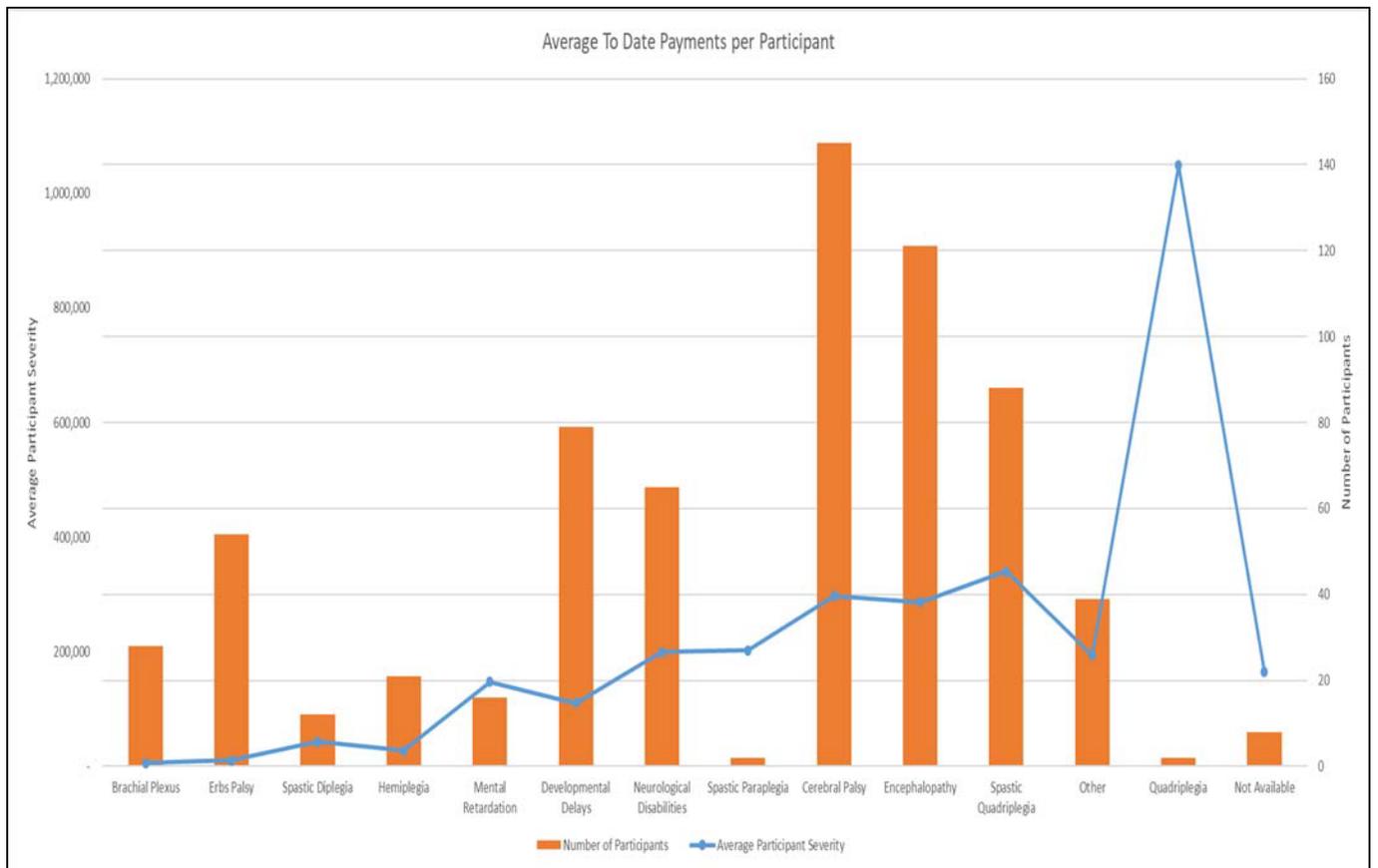


Chart 8: Average To Date Payments per Participant

Participants with injury types of Cerebral Palsy, Encephalopathy or Spastic Quadriplegia comprise approximately 52% of the total participants, but account for approximately 74% of total payments, resulting in relatively large average payments. Conversely, participants with injury types of Brachial Plexus, Erb’s Palsy, Spastic Diplegia, Hemiplegia, Mental Retardation, or Developmental Delays have relatively low average payments and comprise approximately 31% of the total participants but account for only 9% of total payments. The large number of participants in the Neurological Disabilities categories with relatively low benefit payments is also noteworthy.

Inflationary Patterns of Types of Services

It is far too early in the life of the Fund to provide any credible conclusions regarding inflationary patterns based on Fund payments alone. However, data from the Bureau of Labor Statistics provides a helpful look at the impact of inflation on medical costs in the state of New York:

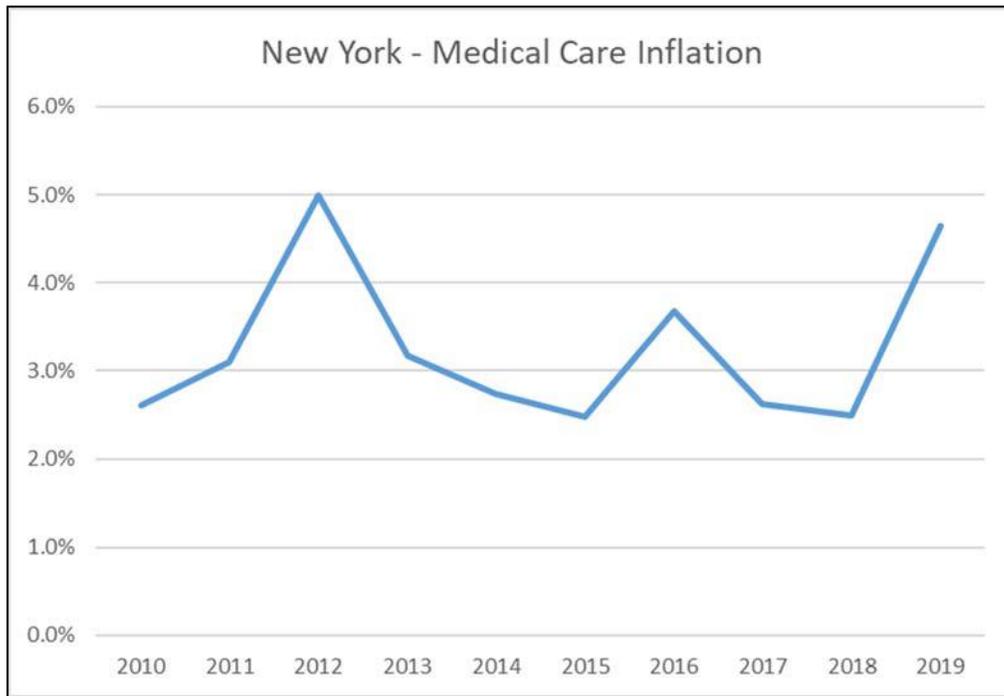


Chart 9: Medical Care Inflation in the State of New York

Average inflation over the past five years is 3.2%. In the March 31, 2019 analysis, we reviewed these inflationary trends and adjusted our assumptions to contemplate a 3.0% inflation rate for the Fund’s benefit payments, reduced from the 3.5% inflationary rate used in prior analyses. Sensitivity tests for the impact of the inflation rate on the current estimated unfunded liability are shown in the following table:

Inflation Rate Sensitivity Test (\$ in thousands, on a present value basis)			
	<u>Inflation Rate</u>	<u>Surplus/ (Unfunded Liability)</u>	<u>Difference From Baseline</u>
Baseline	2.5%	(768,113.5)	137,503.5
	3.0%	(905,617.0)	-
	3.5%	(1,074,776.2)	(169,159.1)
At 2.5% discount	3.5%	(881,364.5)	24,252.5

Table 10: Sensitivity of Results to Inflation Rate

In addition, based on our experience in Virginia, we are confident that the detailed claims benefits payment database being constructed will prove invaluable once more benefits experience has been accumulated.

Administrative Expenses

Pinnacle was provided information in early 2017 on administrative expenses charged by Alicare to the Fund for claims administration and enrollment services. As of September 1, 2017, the claims administration was taken over by PCG while Alicare continued to service enrollment to the Fund. One year later at September 1, 2018, PCG began providing enrollment services as well in place of Alicare. The Fund has made an effort to reduce its administrative expenses over the past year. Prior to the recent changes in claims administration, Alicare was charging the Fund \$809 per Fund participant per month. Under the current payment structure, the total administrative costs are now approximately \$715 per Fund participant per month (see Exhibit 8 for current cost estimates). This cost is set to decrease over the next five years as the addition of new participants will reduce the fixed cost per member. Estimated future administrative expenses comprise approximately 17% of expected future benefit payments on a nominal basis; this is expected to decrease to approximately 15% of future payments over the next ten years despite the drop in future payments when the sunset expires at December 31, 2020. In Virginia, future expenses are closer to 5% of future benefit payments. As more

participants join the Fund, we expect the per participant administrative costs to decrease under the current contract.

At the beginning of the fiscal year (March 31, 2019), we estimated \$5.449 million in administrative expenses during the upcoming 2019-2020 fiscal year (see Exhibit 2, Page 1 of our report for 2019 Q1). This number was based on expected, not actual, participant counts.

Impact of Available Health Insurance

It is also far too early in the life of the Fund to provide any credible conclusions regarding the impact of available health insurance. However, the detailed benefit payment database described earlier and summarized in Exhibit 1 will prove invaluable once more payment experience has been accumulated. One early item of note is the number of participants with Medicaid has been consistently tracking at more than half of the Fund’s participants. Currently 61% of all Fund participants rely on Medicaid. As shown below, average annual payments relative to time in the Fund appears to differ somewhat between members with and without insurance.

	<u>Participant Years</u>	<u>Paid Benefits</u>	<u>Total Severity</u>
With Insurance	1,031.00	45,300,207	43,938
Without Insurance	1,785.00	100,046,291	56,048

Table 11: Participant Years of Participation and Paid Benefits, with and without Insurance

Investment Earnings

The Fund earned \$4,647,592 of investment income during the period from 4/1/18 through 3/31/19. Over that period, we estimate the Fund’s average balance to be \$249,203,804, indicating a 1.9% investment return on the Fund balance. During the prior period (from 4/1/17 through 3/31/18), we estimated an average 1.0% investment return on the Fund’s investments (see our report as of 12/31/2018). This is in comparison to the 2.0% discount rate used in our current analysis. We have tested the sensitivity of our analysis to changes in the discount rate. The results of this testing are shown in the following table.

Discount Rate Sensitivity Test (\$ in thousands, on a present value basis)			
	<u>Discount Rate</u>	<u>Surplus/ (Unfunded Liability)</u>	<u>Difference From Baseline</u>
Baseline	1.5%	(1,105,646.6)	(200,029.5)
	2.0%	(905,617.0)	-
	2.5%	(744,740.8)	160,876.3
At 3.5% inflation	2.5%	(881,364.5)	24,252.5

Table 12: Sensitivity of Results to Discount Rate

We have not been provided further information regarding the Fund’s investment returns on the Fund’s invested assets at this time. It appears that the Fund’s investment performance is not tracked separately from other assets of the state of New York. Building up investment income on the Fund’s balance will be essential to the Fund’s ongoing financial strength as participants continue to enter the Fund and calendar year benefit payments continue to grow as the Fund moves toward a steady state over the next twenty or more years.

Distribution & Use

This Report has been prepared for the intended use of the NY DOH. Further distribution of this report is controlled by Pinnacle’s contract with the NY DOH. Third parties reviewing the report should recognize that the furnishing of this report is not a substitute for their own due diligence and should place no reliance on this report or the data contained herein that would result in the creation of any duty or liability by Pinnacle to the third party.

Pinnacle consents to reference by the Department to Pinnacle’s reports, opinions, advice and firm name in documents released by or at the direction of the Department concerning such financial examination findings. In any instances other than the Department’s final examination report regarding the review of reserves and solvency analysis of the Fund in which Pinnacle is identified as the source of

a paraphrase, quotation or partial quotation, the Department shall notify Pinnacle prior to such publication, so that Pinnacle may review said reference(s).

The exhibits attached in support of our findings are an integral part of this Report. These sections have been prepared so that our actuarial assumptions and judgments are documented. Judgments about the conclusions drawn in this Report should be made only after considering the Report in its entirety. We remain available to answer any questions that may arise regarding this Report. We assume that the user of this Report will seek such explanation on any matter in question.

Our conclusions are predicated on a number of assumptions as to future conditions and events. Those assumptions, which are documented in subsequent sections of this report, must be understood in order to place our conclusions in their appropriate context. In addition, our work is subject to inherent limitations, which are also discussed in this Report.

“Any and all Department communications, records, documents, written, oral or electronic communication or other information of any kind are confidential. [Pinnacle] shall not copy, transmit, deliver or communicate in any way to any other person or entity any such communications and/or information without the prior written consent of the Department.”

“All information and materials received hereunder by [Pinnacle] from Department are and shall remain the sole and exclusive property of Department, and [Pinnacle] shall have no right, title or interest in or to any such information or materials by virtue of their use or possession hereunder by [Pinnacle].”

Reliances & Limitations

We have prepared this Report in conformity with its intended use by persons technically competent in the areas addressed and for the stated purposes only. We are not accountants; our estimates in Exhibit 2 regarding balance sheet and income statement items are for illustrative purposes only and not intended as a strict interpretation of statutory or GAAP accounting.

Throughout our analysis we have, without audit or verification, relied on historical data and qualitative information provided by NYS DOH related agencies and MIF's services providers. The accuracy of our results is dependent upon the accuracy and completeness of this underlying data. Therefore, any material discrepancies discovered in this data or other information provided by NYS DOH, its related agencies or MIF's other service providers should be reported to us and this report amended accordingly.

This report includes graphs summarizing the Fund's raw data received for this and prior reports, information from the most recent fiscal year-end report at March 31, 2019, and summary information from similar funds in other states. In addition, we also reference the Fund's analysis as of March 31, 2017 reflecting the a priori estimates of the legislation signed into law on December 31, 2016. Review of these prior reports may provide further clarification of our comments and conclusions.

There is a limitation upon the accuracy of these estimates in that there is inherent uncertainty in any estimate of unpaid claims obligations and benefits. This is due to the fact that the ultimate liability for claims is subject to the outcome of events yet to occur, e.g., future program participant life expectancies, medical cost inflationary trends, etc. We have employed generally accepted actuarial techniques and assumptions that we believe are reasonable and appropriate. Further, the conclusions presented herein are reasonable and appropriate and supported by our analysis, given the information currently available. However, it should be recognized that future loss emergence will likely deviate, perhaps materially, from our estimates.

Additional uncertainty arises from lack of historical data and use of industry benchmarks. Our projections of future loss emergence and benefit payments are based primarily on aggregate insurance

industry loss development patterns. It is possible that these patterns may not be indicative of future loss development for MIF.

Estimates discounted for the time value of money can be more uncertain than those on an undiscounted basis. In addition to the usual uncertainty in projecting unpaid claims obligations and benefits, discounted estimates are also influenced by:

- Variations in the timing of actual benefit payments versus the rate of payment assumed in discounting estimates to present value
- Variation in the actual investment yield on the assets underlying the liabilities versus the assumed interest rate used in discounting.

While an explicit risk margin may be applied to account for this additional uncertainty, we have not incorporated an explicit risk margin in our analysis.

The findings in this report are materially influenced by the discount rate of 2% provided to us by the Fund's administration. We have compared this to discount rates for other medical professional liability insurance programs in New York and the Fund's own investment experience and believe that it is reasonable.

INDEX OF EXHIBITS

<i>Exhibit</i>	<i>Description</i>
1	Fund Payments by Benefit and Injury Categories
2	Projected Balance Sheets and Income Statements
3	Actual vs. Expected Participant Counts & Benefit Payments
4	Average Payments per Participant by Admittance Quarter
5	Projected Incremental Payments by Admittance Quarter – Nominal and Discounted
6	Estimated Fund Payments by Admittance Year and Admittance Quarter
7	Participant Profile
8	Administrative Expense Summary
	Payments Per Participant Summary

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
As of December 31, 2019
Fund Payments by Benefit Category

Benefit Category	2019Q4	2019Q3	2019Q2	FY 18/19	FY 17/18	FY 16/17	FY 15/16	FY 14/15	FY 13/14	FY 12/13	Total	Percent of Total	Virginia Birth Fund	
													Benefit Category	Percent of Total
Medical Treatment	780,746	574,034	588,518	2,080,094	1,723,663	1,111,413	868,110	573,589	263,209	35,184	8,598,560	5.48%		
Hospital Based Care	410,050	287,952	381,880	1,536,112	2,612,112	1,885,043	2,092,358	1,673,039	300,325	42,922	11,221,793	7.15%	Hospital/Physician	1.40%
Surgical Care	175,283	117,905	135,567	467,854	244,859	113,032	146,685	101,149	18,896	2,190	1,523,421	0.97%		
Nursing Care	6,906,445	5,759,346	5,776,763	20,018,097	15,456,991	10,627,012	8,153,130	6,438,280	2,345,151	552,120	82,033,335	52.30%	Nursing	66.07%
Dental Care	20,021	8,218	11,898	53,254	65,950	43,620	43,956	28,510	8,619	586	284,632	0.18%		
Rehabilitation Care	368,879	360,050	323,113	1,095,576	1,032,868	1,135,719	995,410	630,482	62,821	60,191	6,065,110	3.87%	Physical Therapy	2.59%
Custodial Care	1,224,239	1,007,261	871,860	2,980,583	2,143,798	1,131,480	485,434	69,581	9,248	-	9,923,484	6.33%		
Durable Med Equip	702,706	598,093	524,601	2,255,354	1,788,009	945,751	880,138	533,009	416,785	42,169	8,686,615	5.54%	Medical Equipment	1.75%
Home Modifications	828,471	320,108	508,868	2,090,972	1,743,688	1,208,614	674,666	700,673	292,218	6,110	8,374,388	5.34%	Housing	10.33%
Vehicle Modifications	30,812	18,955	16,857	111,415	334,887	249,284	153,585	180,606	37,247	-	1,133,648	0.72%	Vans	4.93%
Prescription and Non-Prescriptive Drugs	1,056,391	1,128,535	950,287	2,901,653	2,900,007	2,537,792	1,669,450	872,352	281,662	65,176	14,363,306	9.16%	Prescription Drugs	1.18%
Other Health Care Costs	550,197	446,703	439,169	1,662,641	693,265	46,590	38,122	43,311	12,976	360	3,933,334	2.51%	All Other	11.76%
Assistive Technology	15,890	6,162	18,520	76,132	616	500	1,244	-	-	-	119,065	0.08%		
Other Payments	88,945	107,183	56,778	173,062	83,211	64,014	14,022	7,404	(4)	8	594,623	0.38%		
Total	13,159,073	10,740,507	10,604,679	37,502,799	30,823,926	21,099,865	16,216,310	11,851,988	4,049,151	807,015	156,855,313	100.00%		

Notes

Fiscal years begin on April 1st; quarters shown are labeled by calendar year
FY 12/13 includes only 4th quarter 2012 and 1st quarter 2013; FY 12/13 does not include payments when Sedgwick was TPA

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
As of December 31, 2019
Fund Payments by Injury Category

Injury Category	2019Q4	2019Q3	2019Q2	FY 18/19	FY 17/18	FY 16/17	FY 15/16	FY 14/15	FY 13/14	FY 12/13	Total Payments	Percent of Total Payments	Number of Participants	Percent of Total Participants	Total Injury Category Severity	Number of Participant Quarters	Total Injury Category Annualized Severity
Brachial Plexus	14,536	16,913	8,145	50,167	43,110	10,549	11,927	8,466	2,687	-	166,499	0.11%	28	4.12%	5,946	430	1,549
Erbs Palsy	76,605	42,323	53,278	172,564	95,773	32,885	34,007	25,640	3,617	-	536,691	0.37%	54	7.94%	9,939	770	2,788
Spastic Diplegia	40,384	30,880	36,007	112,766	113,869	58,214	65,865	53,702	-	-	511,687	0.35%	12	1.76%	42,641	167	12,256
Hemiplegia	54,188	49,106	32,523	148,477	67,331	86,939	18,250	52,271	53,464	4,331	566,879	0.39%	21	3.09%	26,994	355	6,387
Mental Retardation	102,186	127,266	69,380	312,398	576,004	433,236	514,888	176,580	32,714	14,964	2,359,617	1.63%	16	2.35%	147,476	332	28,429
Developmental Delays	596,391	559,328	518,761	1,887,943	1,507,988	1,251,998	1,265,010	949,237	152,790	389	8,689,835	5.99%	79	11.62%	109,998	1,346	25,824
Neurological Disabilities	831,788	824,144	655,985	3,837,485	3,097,854	1,788,924	1,130,909	571,830	169,875	17,260	12,926,053	8.92%	65	9.56%	198,862	1,108	46,664
Spastic Paraplegia	29,453	44,119	16,013	125,554	71,800	21,081	39,287	57,729	-	-	405,035	0.28%	2	0.29%	202,517	35	46,290
Cerebral Palsy	3,797,787	2,666,620	3,724,230	10,472,684	8,018,968	5,909,418	4,116,581	3,052,208	1,227,845	212,024	43,198,364	29.80%	145	21.32%	297,920	2,594	66,613
Encephalopathy	3,010,294	2,687,586	2,016,573	8,174,506	6,400,545	4,109,928	3,785,684	3,244,944	1,055,853	209,787	34,695,701	23.94%	121	17.79%	286,741	2,071	67,012
Spastic Quadriplegia	2,702,933	2,062,555	2,077,807	7,496,311	5,917,532	3,839,667	2,999,106	2,096,547	675,214	45,764	29,913,437	20.64%	88	12.94%	339,925	1,217	98,319
Other	741,037	454,009	350,651	1,357,326	1,699,827	892,244	640,451	707,892	492,737	233,864	7,570,038	5.22%	39	5.74%	194,104	591	51,235
Quadriplegia	137,438	126,262	162,113	452,194	493,110	327,236	272,060	127,694	-	-	2,098,107	1.45%	2	0.29%	1,049,054	37	226,822
Not Available	35,490	27,853	20,209	214,621	277,318	351,832	128,354	149,457	46,031	68,632	1,319,797	0.91%	8	1.18%	164,975	223	23,673
Total	12,170,510	9,718,963	9,741,674	34,814,996	28,381,030	19,114,151	15,022,378	11,274,197	3,912,827	807,015	144,957,741		680	100.00%	213,173	11,276	51,422

Notes

Fiscal years begin on April 1st; quarters shown are labeled by calendar year
FY 12/13 includes only 4th quarter 2012 and 1st quarter 2013; FY 12/13 does not include payments when Sedgwick was TPA
Vendor invoices for prescriptions are excluded on this summary; hence Total on this page does not match Page 1

Total Injury Category Severity = Total Payments / Number of Participants

Total Injury Category Annualized Severity = Total Payments / Number of Participant Quarters x 4

New York State Department of Health

Exhibit 3

Quarterly Analysis of New York Medical Indemnity Fund Actual vs. Expected Participant Counts & Benefit Payments As of December 31, 2019

Fiscal Period (1)	New Participants			Total Participants			Incremental Benefit Payments			
	Actual (2a)	Expected (2b)	Difference (2c)	Actual (3a)	Expected (3b)	Difference (3c)	Actual (4a)	Revised Expected (4b)	Prior Expected (4c)	Difference (4d)
Fiscal 2011-12 Total	22.00	22.00	-	22.00	22.00	-	3,146	3,146	3,146	0
Fiscal 2012-13 Total	86.00	86.00	-	108.00	108.00	-	1,317,450	1,317,450	1,317,450	0
Fiscal 2013-14 Total	84.00	84.00	-	192.00	192.00	-	4,049,151	4,049,151	4,049,151	0
Fiscal 2014-15 Total	91.00	91.00	-	283.00	283.00	-	11,851,988	11,851,988	11,851,988	0
Fiscal 2015-16 Total	85.00	85.00	-	368.00	368.00	-	16,216,310	16,216,310	16,216,310	0
Fiscal 2016-17 Total	91.00	91.00	-	459.00	459.00	-	21,099,865	21,099,865	21,099,865	0
Fiscal 2017-18 Total	72.00	72.00	-	531.00	531.00	-	30,823,926	30,823,926	30,823,926	0
Fiscal 2018-19 Total	73.00	73.00	-	604.00	604.00	-	37,502,799	37,502,799	37,502,799	0
2nd Qtr 2019	25.00	27.01	2.01	629.00	631.01	2.01	10,604,679	10,604,679	10,604,679	0
3rd Qtr 2019	10.00	21.94	11.94	639.00	652.95	13.95	10,740,507	10,740,507	10,740,507	0
4th Qtr 2019	41.00	18.57	(22.43)	680.00	671.52	(8.48)	13,159,073	13,159,073	12,892,745	-266,328
1st Qtr 2020	-	16.88	-	-	688.40	-	0	13,652,779	13,208,517	-444,262
Fiscal 2019-20 Total to Date	76.00	67.52	(8.48)	680.00	671.52	(8.48)	34,504,259	48,157,038	47,446,447	-710,591
Fiscal 2020-21 Total	-	86.50	-	-	774.89	-				
Fiscal 2021-22 Total	-	87.95	-	-	862.84	-				
Fiscal 2022-23 Total	-	89.49	-	-	952.33	-				
Fiscal 2023-24 Total	-	90.59	-	-	1,042.92	-				
Fiscal 2024-25 Total	-	91.28	-	-	1,134.20	-				
Fiscal 2025-26 Total	-	91.41	-	-	1,225.60	-				
Fiscal 2026-27 Total	-	91.70	-	-	1,317.30	-				
Fiscal 2027-28 Total	-	91.43	-	-	1,408.73	-				
Fiscal 2028-29 Total	-	91.25	-	-	1,499.98	-				

Notes

(2a), (3a), (4a)	Provided by Fund
(2b), (3b)	Based on Pinnacle estimates of future Fund participation rates
(2c), (3c)	Part (b) - Part (a) for both sections respectively
(4b)	Expected future benefit payments as of the current analysis
(4c)	Expected future benefit payments as of the prior analysis
(4d)	(4c) - (4b)

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Average Payments per Participant by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Living Participants	Incremental Severity per Participant by Participation Quarter																
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2011Q4	11	-	286	8,569	13,107	2,539	3,833	2,065	9,226	6,332	2,670	2,621	4,983	4,330	2,506	4,435	9,878	4,680
2012Q1	11	-	1,083	2,565	1,404	346	843	2,267	2,670	4,095	5,922	3,055	3,532	2,065	1,604	1,728	4,323	732
2012Q2	15	48	14,263	14,845	14,404	14,717	14,627	18,964	19,142	24,056	22,503	20,705	18,966	21,919	24,649	23,694	21,532	25,875
2012Q3	25	689	2,356	4,779	4,710	6,430	5,920	8,449	12,018	17,357	11,480	13,978	10,705	12,099	9,180	9,068	10,248	12,872
2012Q4	38	10	1,989	3,851	11,363	16,419	13,708	27,508	31,066	30,676	30,232	32,077	23,539	25,744	24,417	35,645	30,901	23,856
2013Q1	5	-	156	2,171	7,343	7,418	17,277	35,542	32,511	26,405	27,378	23,864	23,499	17,529	24,984	29,815	22,185	26,411
2013Q2	30	-	1,380	2,257	2,615	3,646	5,367	7,258	6,056	3,874	4,505	6,573	8,547	5,567	9,125	7,187	6,376	9,517
2013Q3	26	-	361	3,449	6,787	13,399	14,088	15,667	16,587	13,919	14,093	11,991	10,411	13,096	11,666	10,831	12,529	5,000
2013Q4	8	8	1,973	2,805	6,501	6,885	4,744	19,051	5,278	5,161	8,548	15,033	13,236	5,734	9,212	12,455	9,399	11,548
2014Q1	17	35	2,325	5,898	9,823	8,440	15,862	16,623	21,908	13,381	23,766	19,518	21,438	21,409	32,354	25,694	24,963	27,121
2014Q2	24	1,289	5,529	8,560	9,595	13,992	9,266	14,599	11,681	11,348	13,626	10,611	11,056	19,409	10,035	8,583	15,331	9,324
2014Q3	20	1,223	5,283	32,222	19,624	14,143	15,262	14,838	12,484	18,900	13,228	17,583	21,358	23,018	18,518	39,158	8,734	19,460
2014Q4	19	85	3,861	5,473	9,093	10,454	8,379	10,208	13,406	13,903	17,699	18,721	17,596	19,088	17,776	12,856	18,281	24,343
2015Q1	26	150	4,576	5,271	7,082	7,514	8,872	11,081	8,182	13,644	13,039	8,441	24,330	14,022	9,568	14,247	15,669	11,417
2015Q2	31	4,421	12,991	14,039	11,387	13,234	16,886	12,313	21,351	19,941	14,838	14,716	26,627	17,721	25,509	34,983	26,270	22,506
2015Q3	16	-	1,885	6,469	5,035	4,362	5,735	4,299	13,939	10,981	18,601	16,212	15,286	23,839	12,059	15,086	27,850	20,086
2015Q4	20	191	5,104	4,559	8,601	16,067	10,555	12,617	9,035	7,292	14,114	15,850	15,341	23,940	17,038	9,917	15,366	20,489
2016Q1	18	12	931	10,298	9,142	9,815	12,341	14,723	8,422	13,953	7,506	13,385	17,310	9,288	12,519	14,781	15,745	
2016Q2	35	290	2,039	4,599	7,550	5,772	11,891	7,051	15,321	23,381	19,189	22,872	23,165	15,596	11,413	23,218		
2016Q3	22	-	4,303	9,321	8,150	9,762	7,706	8,976	7,065	9,392	7,546	4,865	9,971	9,386	9,252			
2016Q4	14	-	11,232	11,240	18,161	12,826	23,382	11,326	27,431	12,930	25,701	16,436	14,768	17,266				
2017Q1	19	-	6,444	9,167	24,862	12,653	17,038	10,317	12,334	7,910	12,886	12,185	13,175					
2017Q2	28	340	5,987	6,603	13,511	11,404	15,585	10,178	12,831	12,465	13,189	13,957						
2017Q3	17	44	1,820	5,189	10,466	10,661	14,347	15,226	35,539	18,346	27,656							
2017Q4	11	83	1,217	24,666	21,320	3,655	72,019	22,907	6,483	15,885								
2018Q1	15	-	114	5,951	11,837	12,153	7,283	27,057	27,999									
2018Q2	15	-	1,768	5,748	7,862	12,327	24,376	17,287										
2018Q3	18	-	3,104	2,291	12,816	7,065	17,273											
2018Q4	20	-	358	12,740	18,775	21,730												
2019Q1	19	2	651	7,727	19,151													
2019Q2	25	-	1,228	8,634														
2019Q3	10	-	3,903															
2019Q4	41	171																
Total	669																	

Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Average Payments per Participant by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Living Participants	Incremental Severity per Participant by Participation Quarter															
		Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33
2011Q4	11	2,614	4,516	4,553	5,070	5,433	6,349	5,433	5,168	13,122	9,719	8,937	11,009	16,633	13,186	15,755	11,691
2012Q1	11	753	1,306	3,692	5,932	9,553	12,852	2,766	14,592	55,240	3,844	3,278	10,385	2,014	3,162	3,392	
2012Q2	15	23,286	22,464	25,066	29,353	28,463	23,256	47,581	34,446	29,018	42,196	27,129	27,768	31,817	42,774		
2012Q3	25	12,306	9,536	12,574	15,561	10,479	20,311	16,598	13,262	12,371	8,958	16,050	15,423	18,300			
2012Q4	38	27,316	46,825	40,156	20,090	40,543	20,434	45,752	50,732	35,330	51,431	36,757	50,842				
2013Q1	5	31,833	35,052	26,082	32,230	44,378	20,788	36,876	43,227	56,146	37,003	43,935					
2013Q2	30	8,214	4,678	12,809	8,178	9,627	6,925	17,208	16,538	21,244	29,727						
2013Q3	26	8,989	5,455	4,491	6,246	12,642	5,386	8,352	6,414	6,450							
2013Q4	8	11,407	13,560	6,748	15,107	7,601	10,755	12,051	14,876								
2014Q1	17	16,497	25,539	44,600	19,930	14,739	29,049	22,389									
2014Q2	24	13,047	17,769	17,639	16,652	14,556	19,026										
2014Q3	20	23,341	24,812	22,963	24,914	26,748											
2014Q4	19	13,139	15,768	24,100	23,237												
2015Q1	26	14,305	17,001	21,162													
2015Q2	31	25,897	21,107														
2015Q3	16	16,124															
2015Q4	20																
2016Q1	18																
2016Q2	35																
2016Q3	22																
2016Q4	14																
2017Q1	19																
2017Q2	28																
2017Q3	17																
2017Q4	11																
2018Q1	15																
2018Q2	15																
2018Q3	18																
2018Q4	20																
2019Q1	19																
2019Q2	25																
2019Q3	10																
2019Q4	41																
Total	669																

Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Average Payments per Participant by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Living Participants	Cumulative Severity by Fund Participation Quarter																
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2011Q4	11	-	286	8,855	21,962	24,500	28,334	30,399	39,625	45,957	48,628	51,248	56,231	60,561	63,067	67,501	77,380	82,060
2012Q1	11	-	1,083	3,648	5,052	5,397	6,240	8,508	11,177	15,273	21,195	24,251	27,783	29,848	31,451	33,179	37,502	38,234
2012Q2	15	48	14,310	29,155	43,560	58,277	72,904	91,867	111,009	135,065	157,568	178,273	197,239	219,159	243,808	267,502	289,033	314,908
2012Q3	25	689	3,045	7,823	12,534	18,964	24,884	33,333	45,351	62,708	74,188	88,166	98,871	110,970	120,150	129,218	139,466	152,339
2012Q4	38	10	1,999	5,850	17,213	33,633	47,340	74,848	105,914	136,589	166,821	198,898	222,437	248,181	272,599	308,244	339,144	363,000
2013Q1	5	-	156	2,327	9,670	17,088	34,365	69,907	102,417	128,822	156,200	180,064	203,563	221,092	246,076	275,891	298,075	324,486
2013Q2	30	-	1,380	3,637	6,252	9,897	15,265	22,523	28,579	32,452	36,957	43,531	52,078	57,645	66,770	73,957	80,334	89,851
2013Q3	26	-	361	3,810	10,597	23,996	38,084	53,751	70,338	84,257	98,350	110,341	120,752	133,848	145,514	156,345	168,874	173,874
2013Q4	8	8	1,981	4,786	11,287	18,173	22,917	41,967	47,246	52,406	60,955	75,988	89,224	94,958	104,169	116,624	126,024	137,572
2014Q1	17	35	2,361	8,258	18,081	26,521	42,383	59,006	80,914	94,295	118,062	137,580	159,018	180,427	212,781	238,475	263,437	290,558
2014Q2	24	1,289	6,819	15,379	24,974	38,966	48,232	62,831	74,512	85,860	99,486	110,097	121,153	140,562	150,597	159,180	174,511	183,835
2014Q3	20	1,223	6,506	38,728	58,353	72,496	87,758	102,596	115,080	133,980	147,207	164,791	186,149	209,167	227,684	266,843	275,576	295,036
2014Q4	19	85	3,945	9,418	18,511	28,965	37,344	47,552	60,958	74,861	92,560	111,281	128,877	147,965	165,741	178,597	196,878	221,221
2015Q1	26	150	4,726	9,997	17,079	24,593	33,465	44,546	52,728	66,372	79,412	87,853	112,183	126,205	135,772	150,019	165,688	177,105
2015Q2	31	4,421	17,412	31,452	42,839	56,073	72,958	85,272	106,623	126,564	141,401	156,117	182,744	200,466	225,975	260,958	287,228	309,734
2015Q3	16	-	1,885	8,354	13,389	17,751	23,486	27,785	41,724	52,705	71,305	87,517	102,803	126,643	138,702	153,788	181,638	201,724
2015Q4	20	191	5,296	9,855	18,456	34,523	45,078	57,695	66,731	74,023	88,137	103,987	119,328	143,268	160,306	170,223	185,588	206,077
2016Q1	18	12	942	11,240	20,382	30,198	42,538	57,262	65,684	79,637	87,143	100,527	117,837	127,125	139,645	154,425	170,171	
2016Q2	35	290	2,329	6,928	14,477	20,249	32,140	39,191	54,512	77,893	97,081	119,953	143,118	158,714	170,128	193,346		
2016Q3	22	-	4,303	13,624	21,774	31,536	39,242	48,218	55,283	64,676	72,221	77,086	87,058	96,443	105,695			
2016Q4	14	-	11,232	22,473	40,633	53,460	76,841	88,167	115,599	128,528	154,229	170,666	185,434	202,700				
2017Q1	19	-	6,444	15,611	40,473	53,126	70,164	80,481	92,815	100,724	113,610	125,796	138,970					
2017Q2	28	340	6,326	12,929	26,440	37,843	53,429	63,607	76,438	88,903	102,093	116,050						
2017Q3	17	44	1,864	7,053	17,520	28,181	42,527	57,754	93,292	111,639	139,295							
2017Q4	11	83	1,299	25,965	47,285	50,941	122,960	145,867	152,349	168,235								
2018Q1	15	-	114	6,065	17,902	30,055	37,338	64,395	92,393									
2018Q2	15	-	1,768	7,516	15,377	27,704	52,080	69,368										
2018Q3	18	-	3,104	5,395	18,211	25,276	42,549											
2018Q4	20	-	358	13,097	31,872	53,602												
2019Q1	19	2	653	8,380	27,531													
2019Q2	25	-	1,228	9,862														
2019Q3	10	-	3,903															
2019Q4	41	171																
Total	669																	

Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Average Payments per Participant by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Living Participants	Cumulative Severity by Fund Participation Quarter															
		Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33
2011Q4	11	84,674	89,190	93,743	98,814	104,246	110,595	116,028	121,196	134,317	144,037	152,974	163,983	180,616	193,802	209,557	221,249
2012Q1	11	38,987	40,293	43,985	49,917	59,470	72,322	75,087	89,679	144,919	148,763	152,042	162,426	164,440	167,601	170,994	
2012Q2	15	338,195	360,658	385,724	415,077	443,540	466,797	514,378	548,823	577,841	620,036	647,166	674,934	706,751	749,525		
2012Q3	25	164,644	174,180	186,754	202,315	212,794	233,104	249,702	262,964	275,335	284,293	300,343	315,765	334,065			
2012Q4	38	390,316	437,141	477,297	497,387	537,930	558,364	604,116	654,848	690,178	741,608	778,365	829,207				
2013Q1	5	356,319	391,371	417,453	449,684	494,062	514,849	551,726	594,953	651,099	688,102	732,036					
2013Q2	30	98,064	102,742	115,552	123,729	133,356	140,280	157,488	174,026	195,269	224,996						
2013Q3	26	182,862	188,317	192,809	199,054	211,696	217,082	225,434	231,847	238,297							
2013Q4	8	148,979	162,539	169,287	184,394	191,995	202,749	214,800	229,676								
2014Q1	17	307,055	332,594	377,194	397,124	411,863	440,912	463,301									
2014Q2	24	196,881	214,651	232,290	248,942	263,498	282,524										
2014Q3	20	318,377	343,189	366,152	391,066	417,815											
2014Q4	19	234,360	250,128	274,228	297,465												
2015Q1	26	191,410	208,411	229,573													
2015Q2	31	335,630	356,737														
2015Q3	16	217,848															
2015Q4	20																
2016Q1	18																
2016Q2	35																
2016Q3	22																
2016Q4	14																
2017Q1	19																
2017Q2	28																
2017Q3	17																
2017Q4	11																
2018Q1	15																
2018Q2	15																
2018Q3	18																
2018Q4	20																
2019Q1	19																
2019Q2	25																
2019Q3	10																
2019Q4	41																
Total	669																

Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Benefit Payments by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Living Participants	Incremental Benefits Paid by Fund Participation Quarter																
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2011Q4	11	-	3,146	94,260	144,173	27,926	42,167	22,720	101,483	69,656	29,373	28,827	54,812	47,626	27,564	48,782	108,661	51,481
2012Q1	11	-	11,909	28,215	15,444	3,802	9,275	24,942	29,365	45,050	65,147	33,607	38,857	22,710	17,639	19,004	47,555	8,050
2012Q2	15	717	213,939	222,675	216,063	220,760	219,402	284,456	287,128	360,835	337,540	310,577	284,497	328,790	369,738	355,414	322,973	388,125
2012Q3	25	17,222	58,895	119,468	117,755	160,748	148,012	211,218	300,445	433,929	286,997	349,458	267,625	302,467	229,506	226,706	256,203	321,808
2012Q4	38	371	75,588	146,333	431,812	623,934	520,889	1,045,294	1,180,508	1,165,671	1,148,800	1,218,933	894,490	978,263	927,857	1,354,514	1,174,223	906,524
2013Q1	5	-	780	10,857	36,713	37,090	86,384	177,708	162,554	132,023	136,890	119,318	117,497	87,645	124,918	149,075	110,923	132,056
2013Q2	30	-	41,406	67,708	78,441	109,369	161,013	217,746	181,675	116,207	135,157	197,202	256,410	167,023	273,743	215,624	191,285	285,507
2013Q3	26	-	9,394	89,664	176,462	348,379	366,278	407,351	431,269	361,886	366,426	311,761	270,692	340,485	303,320	281,603	325,761	129,991
2013Q4	8	60	15,787	22,442	52,010	55,080	37,953	152,406	42,227	41,285	68,386	120,264	105,891	45,872	73,694	99,640	75,194	92,384
2014Q1	17	602	39,529	100,258	166,996	143,474	269,659	282,592	372,432	227,482	404,028	331,801	364,447	363,952	550,020	436,798	424,367	461,052
2014Q2	24	30,945	132,707	205,442	230,289	335,796	222,383	350,374	280,346	272,353	327,022	254,665	265,346	465,824	240,840	205,985	367,940	223,774
2014Q3	20	24,460	105,657	644,449	392,488	282,863	305,247	296,763	249,677	377,991	264,554	351,669	427,155	460,362	370,354	783,163	174,676	389,194
2014Q4	19	1,609	73,351	103,984	172,768	198,623	159,203	193,955	254,713	264,161	336,275	355,696	334,321	362,678	337,740	244,266	347,343	462,515
2015Q1	26	3,902	118,971	137,048	184,125	195,370	230,680	288,099	212,728	354,753	339,026	219,468	632,582	364,574	248,757	370,420	407,394	296,841
2015Q2	31	137,049	402,726	435,224	352,996	410,257	523,451	381,714	661,892	618,164	459,971	456,194	825,441	549,361	790,790	1,084,462	814,368	697,691
2015Q3	16	-	30,164	103,507	80,558	69,794	91,758	68,778	223,018	175,695	297,615	259,387	244,576	381,432	192,952	241,371	445,606	321,371
2015Q4	20	3,829	102,088	91,181	172,019	321,337	211,106	252,349	180,709	145,837	282,289	316,999	306,819	478,795	340,754	198,342	307,314	409,781
2016Q1	18	210	16,754	185,361	164,559	176,678	222,131	265,022	151,593	251,157	135,105	240,923	311,580	167,178	225,351	266,054	283,418	
2016Q2	35	10,141	71,367	160,956	264,242	202,010	416,172	246,795	536,249	818,321	671,599	800,518	810,776	545,852	399,465	812,641		
2016Q3	22	-	94,668	205,067	179,295	214,771	169,535	197,464	155,428	206,635	166,004	107,035	219,367	206,483	203,549			
2016Q4	14	-	157,250	157,366	254,248	179,571	327,343	158,566	384,037	181,017	359,813	230,110	206,758	241,719				
2017Q1	19	-	122,431	174,172	472,382	240,410	323,718	196,024	234,344	150,282	244,833	231,521	250,321					
2017Q2	28	9,506	167,627	184,879	378,303	319,302	436,388	284,986	359,278	349,027	369,305	390,795						
2017Q3	17	750	30,939	88,216	177,929	181,238	243,892	258,850	604,157	311,889	470,160							
2017Q4	11	910	13,384	271,321	234,524	40,209	792,209	251,977	71,311	174,740								
2018Q1	15	-	1,706	89,268	177,560	182,290	109,247	405,850	419,980									
2018Q2	15	-	26,518	86,218	117,923	184,907	365,639	259,310										
2018Q3	18	-	55,875	41,230	230,697	127,167	310,909											
2018Q4	20	-	7,151	254,792	375,503	434,592												
2019Q1	19	43	12,364	146,822	363,869													
2019Q2	25	-	30,693	215,848														
2019Q3	10	-	39,033															
2019Q4	41	7,002																
Total	669																	

Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Benefit Payments by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Living Participants	Incremental Benefits Paid by Fund Participation Quarter															Total	
		Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32		Q33
2011Q4	11	28,752	49,678	50,087	55,775	59,762	69,834	59,758	56,849	144,337	106,913	98,308	121,098	182,965	145,051	173,303	128,606	2,433,734
2012Q1	11	8,287	14,368	40,610	65,249	105,081	141,372	30,423	160,512	607,638	42,285	36,061	114,231	22,149	34,779	37,316		1,880,932
2012Q2	15	349,296	336,954	375,984	440,301	426,941	348,845	713,715	516,684	435,265	632,934	406,936	416,523	477,262	641,614			11,242,882
2012Q3	25	307,643	238,399	314,347	389,016	261,971	507,772	414,951	331,539	309,276	223,944	401,243	385,568	457,496				8,351,628
2012Q4	38	1,038,009	1,779,355	1,525,926	763,402	1,540,636	776,503	1,738,563	1,927,812	1,342,537	1,954,365	1,396,773	1,931,997					31,509,881
2013Q1	5	159,165	175,258	130,412	161,152	221,890	103,938	184,382	216,135	280,731	185,013	219,674						3,660,182
2013Q2	30	246,411	140,344	384,275	245,332	288,796	207,737	516,227	496,133	637,311	891,812							6,749,893
2013Q3	26	233,702	141,831	116,773	162,384	328,688	140,031	217,140	166,754	167,698								6,195,725
2013Q4	8	91,257	108,478	53,984	120,859	60,805	86,037	96,409	119,008									1,837,411
2014Q1	17	280,450	434,155	758,208	338,804	250,559	493,832	380,612										7,876,109
2014Q2	24	313,120	426,463	423,346	399,652	349,347	456,615											6,780,575
2014Q3	20	466,826	496,231	459,264	498,283	534,967												8,356,294
2014Q4	19	249,641	299,587	457,909	441,494													5,651,832
2015Q1	26	371,925	442,027	550,201														5,968,892
2015Q2	31	802,793	654,317															11,058,861
2015Q3	16	257,980																3,485,562
2015Q4	20																	4,121,546
2016Q1	18																	3,063,075
2016Q2	35																	6,767,105
2016Q3	22																	2,325,299
2016Q4	14																	2,837,797
2017Q1	19																	2,640,438
2017Q2	28																	3,249,397
2017Q3	17																	2,368,020
2017Q4	11																	1,850,584
2018Q1	15																	1,385,902
2018Q2	15																	1,040,516
2018Q3	18																	765,878
2018Q4	20																	1,072,039
2019Q1	19																	523,098
2019Q2	25																	246,541
2019Q3	10																	39,033
2019Q4	41																	7,002
Total	669																	157,343,662

Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Benefit Payments by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Living Participants	Cumulative Benefits by Fund Participation Quarter																
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2011Q4	11	-	3,146	97,406	241,579	269,505	311,672	334,391	435,875	505,531	534,904	563,731	618,543	666,169	693,733	742,515	851,176	902,658
2012Q1	11	-	11,909	40,124	55,568	59,370	68,645	93,587	122,952	168,002	233,149	266,756	305,613	328,323	345,962	364,966	412,521	420,571
2012Q2	15	717	214,656	437,331	653,394	874,153	1,093,555	1,378,011	1,665,139	2,025,974	2,363,513	2,674,090	2,958,587	3,287,378	3,657,115	4,012,529	4,335,502	4,723,627
2012Q3	25	17,222	76,117	195,585	313,341	474,089	622,100	833,319	1,133,763	1,567,693	1,854,690	2,204,148	2,471,773	2,774,240	3,003,745	3,230,451	3,486,654	3,808,463
2012Q4	38	371	75,958	222,292	654,104	1,278,038	1,798,927	2,844,220	4,024,728	5,190,399	6,339,199	7,558,133	8,452,623	9,430,886	10,358,743	11,713,258	12,887,481	13,794,005
2013Q1	5	-	780	11,637	48,351	85,440	171,825	349,533	512,087	644,110	781,000	900,318	1,017,815	1,105,460	1,230,378	1,379,453	1,490,376	1,622,432
2013Q2	30	-	41,406	109,114	187,555	296,924	457,936	675,682	857,357	973,565	1,108,721	1,305,923	1,562,333	1,729,356	2,003,100	2,218,724	2,410,008	2,695,515
2013Q3	26	-	9,394	99,058	275,521	623,900	990,178	1,397,528	1,828,797	2,190,683	2,557,109	2,868,870	3,139,562	3,480,047	3,783,367	4,064,970	4,390,731	4,520,722
2013Q4	8	60	15,848	38,290	90,300	145,380	183,334	335,739	377,966	419,251	487,637	607,900	713,791	759,662	833,356	932,996	1,008,190	1,100,574
2014Q1	17	602	40,131	140,389	307,385	450,858	720,517	1,003,109	1,375,541	1,603,023	2,007,051	2,338,852	2,703,299	3,067,251	3,617,271	4,054,069	4,478,436	4,939,488
2014Q2	24	30,945	163,652	369,094	599,383	935,179	1,157,563	1,507,937	1,788,283	2,060,636	2,387,658	2,642,323	2,907,669	3,373,493	3,614,333	3,820,318	4,188,258	4,412,032
2014Q3	20	24,460	130,117	774,566	1,167,055	1,449,918	1,755,165	2,051,928	2,301,605	2,679,596	2,944,150	3,295,818	3,722,974	4,183,336	4,553,690	5,336,853	5,511,529	5,900,724
2014Q4	19	1,609	74,960	178,944	351,712	550,336	709,539	903,494	1,158,207	1,422,368	1,758,643	2,114,339	2,448,660	2,811,338	3,149,078	3,393,344	3,740,687	4,203,202
2015Q1	26	3,902	122,872	259,920	444,045	639,416	870,096	1,158,195	1,370,923	1,725,676	2,064,703	2,284,171	2,916,752	3,281,327	3,530,084	3,900,504	4,307,898	4,604,738
2015Q2	31	137,049	539,776	974,999	1,327,995	1,738,252	2,261,703	2,643,417	3,305,309	3,923,472	4,383,444	4,839,638	5,665,079	6,214,440	7,005,230	8,089,692	8,904,060	9,601,751
2015Q3	16	-	30,164	133,672	214,230	284,024	375,782	444,559	667,577	843,272	1,140,887	1,400,274	1,644,850	2,026,282	2,219,234	2,460,605	2,906,211	3,227,582
2015Q4	20	3,829	105,918	197,098	369,117	690,453	901,560	1,153,908	1,334,617	1,480,454	1,762,744	2,079,742	2,386,561	2,865,356	3,206,110	3,404,452	3,711,766	4,121,546
2016Q1	18	210	16,964	202,325	366,884	543,562	765,693	1,030,715	1,182,308	1,433,465	1,568,570	1,809,493	2,121,073	2,288,252	2,513,603	2,779,657	3,063,075	
2016Q2	35	10,141	81,508	242,464	506,706	708,716	1,124,888	1,371,684	1,907,933	2,726,253	3,397,852	4,198,370	5,009,147	5,554,999	5,954,464	6,767,105		
2016Q3	22	-	94,668	299,734	479,029	693,799	863,335	1,060,799	1,216,227	1,422,862	1,588,866	1,695,901	1,915,267	2,121,750	2,325,299			
2016Q4	14	-	157,250	314,616	568,864	748,435	1,075,778	1,234,343	1,618,380	1,799,397	2,159,210	2,389,320	2,596,078	2,837,797				
2017Q1	19	-	122,431	296,602	768,985	1,009,395	1,333,113	1,529,136	1,763,480	1,913,762	2,158,595	2,390,116	2,640,438					
2017Q2	28	9,506	177,133	362,013	740,316	1,059,618	1,496,005	1,780,991	2,140,269	2,489,296	2,858,602	3,249,397						
2017Q3	17	750	31,689	119,904	297,834	479,072	722,964	981,814	1,585,971	1,897,860	2,368,020							
2017Q4	11	910	14,294	285,615	520,139	560,348	1,352,557	1,604,533	1,675,844	1,850,584								
2018Q1	15	-	1,706	90,975	268,535	450,825	560,073	965,923	1,385,902									
2018Q2	15	-	26,518	112,736	230,660	415,567	781,205	1,040,516										
2018Q3	18	-	55,875	97,105	327,802	454,969	765,878											
2018Q4	20	-	7,151	261,944	637,447	1,072,039												
2019Q1	19	43	12,408	159,229	523,098													
2019Q2	25	-	30,693	246,541														
2019Q3	10	-	39,033															
2019Q4	41	7,002																
Total	669																	

Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Benefit Payments by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Living Participants	Cumulative Benefits by Fund Participation Quarter															Total	
		Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32		Q33
2011Q4	11	931,410	981,088	1,031,175	1,086,949	1,146,711	1,216,546	1,276,304	1,333,154	1,477,490	1,584,403	1,682,712	1,803,809	1,986,774	2,131,825	2,305,128	2,433,734	2,433,734
2012Q1	11	428,858	443,225	483,835	549,084	654,165	795,538	825,961	986,473	1,594,111	1,636,396	1,672,457	1,786,689	1,808,837	1,843,616	1,880,932		1,880,932
2012Q2	15	5,072,924	5,409,877	5,785,861	6,226,162	6,653,103	7,001,948	7,715,663	8,232,347	8,667,612	9,300,547	9,707,483	10,124,006	10,601,268	11,242,882			11,242,882
2012Q3	25	4,116,105	4,354,505	4,668,852	5,057,868	5,319,839	5,827,611	6,242,562	6,574,100	6,883,377	7,107,321	7,508,564	7,894,132	8,351,628				8,351,628
2012Q4	38	14,832,013	16,611,368	18,137,294	18,900,696	20,441,331	21,217,834	22,956,397	24,884,209	26,226,747	28,181,111	29,577,884	31,509,881					31,509,881
2013Q1	5	1,781,597	1,956,855	2,087,267	2,248,419	2,470,309	2,574,247	2,758,629	2,974,764	3,255,495	3,440,508	3,660,182						3,660,182
2013Q2	30	2,941,926	3,082,271	3,466,545	3,711,877	4,000,673	4,208,410	4,724,637	5,220,770	5,858,081	6,749,893							6,749,893
2013Q3	26	4,754,424	4,896,255	5,013,028	5,175,413	5,504,101	5,644,132	5,861,273	6,028,027	6,195,725								6,195,725
2013Q4	8	1,191,831	1,300,310	1,354,293	1,475,152	1,535,957	1,621,994	1,718,403	1,837,411									1,837,411
2014Q1	17	5,219,939	5,654,094	6,412,303	6,751,107	7,001,666	7,495,497	7,876,109										7,876,109
2014Q2	24	4,725,152	5,151,615	5,574,962	5,974,614	6,323,960	6,780,575											6,780,575
2014Q3	20	6,367,549	6,863,780	7,323,044	7,821,327	8,356,294												8,356,294
2014Q4	19	4,452,843	4,752,430	5,210,338	5,651,832													5,651,832
2015Q1	26	4,976,664	5,418,691	5,968,892														5,968,892
2015Q2	31	10,404,544	11,058,861															11,058,861
2015Q3	16	3,485,562																3,485,562
2015Q4	20																	4,121,546
2016Q1	18																	3,063,075
2016Q2	35																	6,767,105
2016Q3	22																	2,325,299
2016Q4	14																	2,837,797
2017Q1	19																	2,640,438
2017Q2	28																	3,249,397
2017Q3	17																	2,368,020
2017Q4	11																	1,850,584
2018Q1	15																	1,385,902
2018Q2	15																	1,040,516
2018Q3	18																	765,878
2018Q4	20																	1,072,039
2019Q1	19																	523,098
2019Q2	25																	246,541
2019Q3	10																	39,033
2019Q4	41																	7,002
Total	669																	157,343,662

Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Projected Incremental Nominal Payments per Participant by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Participants	Incremental Benefits Paid by Fund Participation Quarter																									
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	
2011Q4	11	-	3,146	94,260	144,173	27,926	42,167	22,720	101,483	69,656	29,373	28,827	54,812	47,626	27,564	48,782	108,661	51,481	28,752	49,678	50,087	55,775	59,762	69,834	59,758	56,849	
2012Q1	11	-	11,909	28,215	15,444	3,802	9,275	24,942	29,365	45,050	65,147	33,607	38,857	22,710	17,639	19,004	47,555	8,050	8,287	14,368	40,610	65,249	105,081	141,372	30,423	160,512	
2012Q2	15	717	213,939	222,675	216,063	220,760	219,402	284,456	287,128	360,835	337,540	310,577	284,497	328,790	369,738	355,414	322,973	388,125	349,296	336,954	375,984	440,301	426,941	348,845	713,715	531,539	
2012Q3	25	17,222	58,895	119,468	117,755	160,748	148,012	211,218	300,445	433,929	286,997	349,458	267,625	302,467	229,506	226,706	256,203	321,808	307,643	238,399	314,347	389,016	426,971	507,772	414,951	331,539	
2012Q4	38	371	75,588	146,333	431,812	623,934	520,889	1,045,294	1,180,508	1,165,671	1,148,800	1,218,933	894,490	978,263	927,857	1,354,514	1,174,223	906,524	1,038,009	1,779,355	1,525,926	763,402	1,540,636	776,503	1,738,563	1,927,812	
2013Q1	5	-	780	10,857	36,713	37,090	86,384	177,708	162,554	132,023	136,890	119,318	117,497	87,645	124,918	149,075	110,923	132,056	159,165	175,258	130,412	161,152	221,890	103,938	184,382	216,135	
2013Q2	30	-	41,406	67,708	78,441	109,369	161,013	217,746	181,675	116,207	135,157	197,202	256,410	167,023	273,743	215,624	191,285	285,507	246,411	140,344	384,275	245,332	288,796	207,737	516,227	496,133	
2013Q3	26	-	9,394	89,664	176,462	348,379	366,278	407,351	431,269	361,886	366,426	311,761	270,692	340,485	303,320	281,603	325,761	129,991	233,702	141,831	116,773	162,384	328,688	140,031	217,140	166,754	
2013Q4	8	60	15,787	22,442	52,010	55,080	37,953	152,406	42,227	41,285	68,386	120,264	105,891	45,872	73,694	99,640	75,194	92,384	91,257	108,478	53,984	120,859	60,805	86,037	96,409	119,008	
2014Q1	17	602	39,529	100,258	166,996	143,474	269,659	282,592	372,432	227,482	404,028	331,801	364,447	363,952	550,020	436,798	424,367	461,052	280,450	434,155	758,208	338,804	250,559	493,832	380,612	448,198	
2014Q2	24	30,945	132,707	205,442	230,289	335,796	222,383	350,374	280,346	272,353	327,022	254,665	265,346	465,824	240,840	205,985	367,940	223,774	313,120	426,463	423,346	399,652	349,347	456,615	460,131	471,198	
2014Q3	20	24,460	105,657	644,449	392,488	282,863	305,247	296,763	249,677	377,991	264,554	351,669	427,155	460,362	370,354	783,163	174,676	389,194	466,826	496,231	459,264	498,283	534,967	582,804	582,099	596,100	
2014Q4	19	1,609	73,351	103,984	172,768	198,623	159,203	193,955	254,713	264,161	336,275	355,696	334,321	362,678	337,740	244,266	347,343	462,515	249,641	299,587	457,909	441,494	371,210	370,760	370,312	379,218	
2015Q1	31	3,902	118,971	137,048	184,125	195,370	230,680	288,099	212,728	354,753	339,026	219,468	632,582	364,574	248,757	370,420	407,394	296,841	371,925	442,027	550,201	384,149	383,685	383,220	382,757	195,981	
2015Q2	31	137,049	402,726	435,224	352,996	410,257	523,451	381,714	661,892	618,164	459,971	456,194	825,441	549,361	790,790	1,084,462	814,368	697,691	802,793	654,317	857,240	813,534	812,550	811,566	405,292	415,040	
2015Q3	16	-	30,164	103,507	80,558	69,794	91,758	68,778	223,018	175,695	297,615	259,387	244,576	381,432	192,952	241,371	445,606	321,371	257,980	188,902	188,673	179,054	178,837	89,310	89,202	91,348	
2015Q4	20	3,829	102,088	91,181	172,019	321,337	211,106	252,349	180,709	145,837	282,289	316,999	306,819	478,795	340,754	198,342	307,314	409,781	347,232	346,812	346,392	328,731	164,167	163,968	163,770	167,709	
2016Q1	18	210	16,754	185,361	164,559	176,678	222,131	265,022	151,593	251,157	135,105	240,923	311,580	167,178	225,351	266,054	283,418	309,890	309,515	809,141	308,767	146,512	146,335	146,158	145,981	149,492	
2016Q2	35	10,141	71,367	160,956	264,242	202,010	416,172	246,795	536,249	818,321	671,599	800,518	810,776	545,852	399,465	812,641	511,928	542,073	541,417	540,762	270,054	256,285	255,975	255,665	255,356	261,498	
2016Q3	22	-	94,668	205,067	179,295	214,771	169,535	197,464	155,428	206,635	166,004	107,035	219,367	206,483	203,549	368,150	367,705	389,357	388,886	194,208	193,973	184,083	183,861	183,638	183,416	187,827	
2016Q4	14	-	157,250	157,366	254,248	179,571	327,343	156,566	384,037	181,017	359,813	230,110	206,758	241,715	270,421	270,094	269,767	285,653	142,653	142,481	142,308	135,053	134,889	134,726	134,563	137,800	
2017Q1	19	-	122,431	174,172	472,382	240,410	323,718	196,024	234,344	150,282	244,833	231,521	250,321	340,512	340,101	339,689	339,778	179,628	179,411	179,194	178,977	169,852	169,646	169,441	169,236	173,307	
2017Q2	28	9,506	167,627	184,879	378,303	319,302	436,388	284,986	359,278	349,027	369,305	390,795	509,312	483,711	483,126	482,541	240,979	255,169	254,860	254,552	254,244	241,281	240,989	240,698	240,406	246,189	
2017Q3	17	750	30,939	88,216	177,929	181,238	243,892	258,850	604,157	311,889	470,160	302,721	302,355	287,157	286,809	143,231	143,058	151,482	151,299	151,116	150,933	143,237	143,064	142,891	142,718	146,151	
2017Q4	11	910	13,384	271,321	234,524	40,209	792,209	251,977	71,311	174,740	249,674	249,372	249,070	236,550	118,132	117,989	117,846	124,786	124,635	124,484	124,333	117,994	117,851	117,709	117,566	120,394	
2018Q1	15	-	1,706	89,268	177,560	182,290	109,247	405,850	419,980	257,682	257,371	257,059	256,748	121,921	121,774	121,626	121,479	128,633	128,477	128,321	128,166	121,632	121,484	121,338	121,191	124,106	
2018Q2	15	-	26,518	86,218	117,923	184,907	365,639	259,310	275,007	292,085	291,731	291,378	145,513	138,198	138,031	137,864	137,697	145,806	145,629	145,453	145,277	137,870	137,703	137,537	137,370	140,674	
2018Q3	18	-	55,875	41,230	230,697	127,167	310,909	331,908	331,506	352,093	351,667	175,621	175,408	166,591	166,389	166,188	165,987	175,761	175,549	175,336	175,124	166,195	165,994	165,794	165,593	169,576	
2018Q4	20	-	7,151	254,792	375,503	434,592	373,057	372,606	372,155	395,266	197,394	197,155	196,917	187,018	186,792	186,566	186,340	197,313	197,074	196,836	196,598	186,574	186,348	186,123	185,898	190,369	
2019Q1	19	43	12,364	146,822	363,869	355,164	354,734	354,305	353,876	187,926	187,699	187,472	187,245	177,833	177,617	177,403	177,188	187,622	187,395	187,168	186,942	177,410	177,196	176,981	176,767	181,019	
2019Q2	25	-	30,693	215,848	475,241	467,756	467,190	466,624	233,030	247,501	247,202	246,903	246,604	234,208	233,925	233,642	233,359	247,100	246,801	246,503	246,205	233,652	233,369	233,087	232,805	238,044	
2019Q3	10	-	39,033	190,504	190,273	187,276	187,050	93,412	93,299	99,093	98,973	98,853	98,733	93,770	93,657	93,544	93,430	98,932	98,812	98,693	98,573	93,548	93,434	93,321	93,209	95,450	
2019Q4	41	7,002	782,738	781,791	780,845	768,547	383,808	383,344	382,880	406,657	406,165	405,674	405,183	384,816	384,350	383,885	383,421	405,999	405,508	405,017	404,527	383,902	383,438	382,974	382,510	391,710	
Total	669																										

Sources:

NY MIF for Fund data; calculated diagonals based on Exhibit 6, Indicated Ultimate Severity
Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Projected Incremental Nominal Payments per Participant by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Participants	Incremental Benefits Paid by Fund Participation Quarter																								
		Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50
2011Q4	11	144,337	106,913	98,308	121,098	182,965	145,051	173,303	128,606	114,045	113,907	113,770	109,046	54,457	54,391	54,325	57,337	57,267	57,198	57,129	54,455	54,389	54,323	54,257	56,235	56,167
2012Q1	11	607,638	42,285	36,061	114,231	22,149	34,779	37,316	73,663	73,574	73,485	73,396	35,175	35,132	35,089	35,047	36,990	36,945	36,900	36,856	35,130	35,088	35,045	35,003	36,279	36,235
2012Q2	15	435,265	632,934	406,936	416,523	477,262	641,614	548,227	580,498	579,796	579,094	289,197	277,189	276,854	276,519	276,185	291,495	291,142	290,790	290,438	276,842	276,507	276,172	275,838	285,893	285,547
2012Q3	25	309,276	223,944	401,243	385,568	457,496	448,353	447,811	474,171	473,597	236,512	236,226	226,418	226,144	225,870	225,597	238,103	237,815	237,527	237,240	226,134	225,860	225,587	225,314	233,527	233,245
2012Q4	38	1,342,537	1,954,365	1,396,773	1,931,997	1,587,765	1,585,844	1,583,925	1,677,161	837,566	836,553	835,540	800,849	799,880	798,913	797,946	842,180	841,161	840,143	839,126	799,845	798,878	797,911	796,946	825,996	824,997
2013Q1	5	280,731	185,013	219,674	192,535	192,302	192,069	191,837	101,565	101,442	101,319	101,196	96,995	96,877	96,760	96,643	102,000	101,877	101,754	101,631	96,873	96,756	96,639	96,522	100,040	99,919
2013Q2	30	637,311	891,812	310,788	316,379	315,996	315,614	157,616	166,894	166,692	166,490	166,289	159,384	159,192	158,999	158,807	167,610	167,407	167,205	167,002	159,185	158,992	158,800	158,608	164,389	164,190
2013Q3	26	167,698	391,807	391,333	398,372	397,890	198,704	198,464	210,146	209,892	209,638	209,384	200,691	200,448	200,206	199,963	211,048	210,793	210,538	210,283	200,439	200,197	199,955	199,713	206,993	206,742
2013Q4	8	118,877	118,734	118,590	120,723	60,289	60,216	60,143	63,683	63,606	63,529	63,452	60,818	60,744	60,670	60,597	63,956	63,879	63,802	63,724	60,741	60,668	60,594	60,521	62,727	62,651
2014Q1	17	447,656	447,114	446,573	227,303	227,028	226,753	226,479	239,810	239,520	239,230	238,941	229,020	228,743	228,467	228,190	240,840	240,548	240,257	239,967	228,733	228,457	228,180	227,904	236,212	235,926
2014Q2	24	470,628	470,058	234,745	238,967	238,678	238,389	238,101	252,117	251,812	251,507	251,203	240,773	240,482	240,191	239,900	253,199	252,892	252,586	252,281	240,471	240,180	239,889	239,599	248,333	248,033
2014Q3	20	595,378	297,329	296,969	302,311	301,945	301,580	301,215	318,946	318,560	318,175	317,790	304,595	304,227	303,859	303,491	320,315	319,927	319,540	319,153	304,213	303,845	303,478	303,110	314,159	313,779
2014Q4	19	189,380	189,151	188,922	192,320	192,087	191,855	191,623	202,903	202,657	202,412	202,167	193,773	193,539	193,305	193,071	203,773	203,527	203,281	203,035	193,530	193,296	193,062	192,829	199,858	199,616
2015Q1	26	195,744	195,507	195,271	198,783	198,543	198,303	198,063	209,721	209,468	209,214	208,961	200,285	200,043	199,801	199,559	210,622	210,367	210,112	209,858	200,034	199,792	199,550	199,309	206,574	206,324
2015Q2	31	414,538	414,036	413,536	420,974	420,465	419,956	419,448	444,138	443,601	443,064	442,528	424,155	423,642	423,129	422,617	446,045	445,505	444,966	444,428	423,623	423,111	422,599	422,087	437,473	436,944
2015Q3	16	91,237	91,127	91,017	92,654	92,542	92,430	92,318	97,752	97,634	97,516	97,398	93,354	93,241	93,128	93,015	98,172	98,053	97,934	97,816	93,237	93,124	93,011	92,899	96,285	96,169
2015Q4	20	167,506	167,303	167,101	170,107	169,901	169,695	169,490	179,467	179,250	179,033	178,816	171,392	171,184	170,977	170,770	180,237	180,019	179,801	179,584	171,177	170,970	170,763	170,556	176,773	176,560
2016Q1	18	149,311	149,130	148,950	151,629	151,446	151,263	151,080	159,973	159,779	159,586	159,393	152,775	152,590	152,405	152,221	160,659	160,465	160,271	160,077	152,583	152,399	152,214	152,030	157,572	157,381
2016Q2	35	261,181	260,865	260,550	265,237	264,916	264,595	264,275	279,831	279,493	279,154	278,817	267,240	266,917	266,594	266,272	281,032	280,692	280,353	280,013	266,905	266,582	266,260	265,938	275,632	275,298
2016Q3	22	187,600	187,373	187,146	190,513	190,282	190,052	189,822	200,996	200,753	200,510	200,267	191,952	191,720	191,488	191,256	201,858	201,614	201,370	201,127	191,712	191,480	191,248	191,017	197,979	197,740
2016Q4	14	137,633	137,467	137,300	139,770	139,601	139,432	139,263	147,461	147,282	147,104	146,926	140,826	140,656	140,485	140,315	148,094	147,915	147,736	147,557	140,649	140,479	140,309	140,139	145,248	145,072
2017Q1	19	173,097	172,887	172,678	175,784	175,572	175,359	175,147	185,457	185,233	185,009	184,785	177,113	176,898	176,684	176,470	186,253	186,028	185,803	185,578	176,891	176,676	176,463	176,249	182,674	182,453
2017Q2	28	245,891	245,593	245,296	249,708	249,406	249,105	248,803	263,449	263,130	262,812	262,494	251,595	251,291	250,987	250,683	264,579	264,259	263,939	263,620	251,280	250,976	250,672	250,369	259,495	259,181
2017Q3	17	145,974	145,797	145,621	148,240	148,061	147,882	147,703	156,397	156,208	156,019	155,830	149,360	149,180	148,999	148,819	157,068	156,878	156,689	156,499	149,173	148,993	148,812	148,632	154,050	153,864
2017Q4	11	120,248	120,103	119,958	122,115	121,968	121,820	121,673	128,835	128,679	128,523	128,368	123,038	122,889	122,741	122,592	129,388	129,231	129,075	128,919	122,884	122,735	122,587	122,438	126,901	126,748
2018Q1	15	123,955	123,805	123,656	125,880	125,728	125,576	125,424	132,607	132,446	132,285	132,125	126,631	126,478	126,324	126,171	133,376	133,215	133,054	132,893	126,672	126,519	126,366	126,213	130,813	130,655
2018Q2	15	140,504	140,334	140,164	142,686	142,513	142,341	142,168	150,537	150,355	150,173	149,991	143,764	143,590	143,416	143,243	151,183	151,000	150,817	150,635	143,583	143,410	143,236	143,063	148,278	148,098
2018Q3	18	169,371	169,166	168,961	172,000	171,792	171,584	171,377	181,465	181,245	181,026	180,807	173,300	173,090	172,881	172,671	182,243	182,023	181,803	181,583	173,082	172,873	172,664	172,455	178,741	178,525
2018Q4	20	190,130	189,909	189,679	193,091	192,857	192,624	192,391	203,716	203,469	203,223	202,977	194,550	194,314	194,079	193,844	204,590	204,342	204,095	203,848	194,306	194,071	193,836	193,601	200,658	200,416
2019Q1	19	180,800	180,581	180,362	183,607	183,385	183,163	182,941	193,710	193,475	193,241	193,008	184,994	184,770	184,547	184,323	194,541	194,306	194,071	193,836	184,742	184,539	184,331	184,124	190,803	190,572
2019Q2	25	238,116	237,828	237,540	241,813	241,520	241,228	240,936	255,118	254,810	254,502	254,194	243,640	243,345	243,050	242,756	256,213	255,903	255,594	255,285	243,334	243,040	242,746	242,452	251,290	250,988
2019Q3	10	95,335	95,220	95,104	96,815	96,698	96,581	96,464	102,142	102,019	101,896	101,772	97,546	97,428	97,311	97,193	102,581	102,457	102,333	102,209	97,424	97,306	97,189	97,071	100,609	100,488
2019Q4	41	391,237	390,763	390,290	397,311	396,830	396,350	395,871	419,173	418,666	418,159	417,653	400,313	399,828	399,345	398,861	420,972	420,463	419,954	419,446	399,811	399,327	398,844	398,361	412,882	412,383
Total	669																									

Sources:

NY MIF for Fund data; calculated diagonals based on Exhibit 6, Indicated Ultimate Severity
 Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September



New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Projected Incremental Nominal Payments per Participant by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Participants	Incremental Benefits Paid by Fund Participation Quarter																				After Q72	Total		
		Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70			Q71	Q72
2011Q4	11	56,099	56,031	56,180	56,112	56,045	55,977	58,744	58,673	58,602	58,531	56,005	55,937	55,869	55,802	58,420	58,349	58,278	58,208	55,323	55,256	55,189	55,122	12,635,581	17,490,766
2012Q1	11	36,191	36,147	36,244	36,200	36,156	36,112	37,898	37,852	37,806	37,760	36,311	36,087	36,043	36,000	37,688	37,643	37,597	37,552	35,691	35,647	35,604	35,561	8,151,619	11,633,195
2012Q2	15	285,202	284,857	285,616	285,270	284,925	284,580	298,651	298,289	297,928	297,568	284,723	284,379	284,035	283,691	296,999	296,640	296,281	295,922	281,256	280,916	280,576	280,236	64,238,070	88,353,716
2012Q3	25	232,963	232,681	233,301	233,019	232,737	232,455	243,948	243,653	243,358	243,064	232,572	232,290	232,009	231,729	242,599	242,306	242,012	241,720	229,740	229,462	229,184	228,907	52,471,850	71,550,233
2012Q4	38	823,998	823,001	825,195	824,196	823,199	822,203	862,854	861,810	860,767	859,726	822,616	821,621	820,626	819,634	858,083	857,045	856,008	854,972	812,599	811,615	810,633	809,653	185,595,130	255,796,189
2013Q1	5	99,798	99,678	99,943	99,822	99,702	99,581	104,504	104,378	104,252	104,126	99,631	99,510	99,390	99,270	103,927	103,801	103,675	103,550	98,418	98,299	98,180	98,061	22,478,321	30,915,549
2013Q2	30	163,992	163,793	164,230	164,031	163,833	163,634	171,725	171,517	171,309	171,102	163,716	163,518	163,321	163,123	170,775	170,568	170,362	170,156	161,723	161,527	161,332	161,137	36,937,016	51,689,858
2013Q3	26	206,492	206,242	206,792	206,542	206,292	206,042	216,229	215,968	215,706	215,445	206,146	205,896	205,647	205,398	215,034	214,773	214,514	214,254	203,635	203,389	203,143	202,897	46,509,693	62,975,531
2013Q4	8	62,576	62,500	62,666	62,591	62,515	62,439	65,526	65,447	65,368	65,289	62,471	62,395	62,319	62,244	65,164	65,085	65,006	64,928	61,710	61,635	61,561	61,486	14,094,344	19,102,610
2014Q1	17	235,640	235,355	235,983	235,697	235,412	235,127	246,752	246,453	246,155	245,857	235,245	234,960	234,676	234,392	245,388	245,091	244,794	244,498	232,380	232,099	231,818	231,538	53,074,988	73,112,459
2014Q2	24	247,733	247,433	248,092	247,792	247,492	247,193	259,414	259,100	258,787	258,474	247,317	247,018	246,719	246,420	257,980	257,668	257,356	257,045	244,305	244,010	243,714	243,420	55,798,593	75,589,991
2014Q3	20	313,400	313,020	313,855	313,475	313,096	312,717	328,178	327,781	327,384	326,988	312,874	312,495	312,117	311,740	326,363	325,969	325,574	325,180	309,064	308,690	308,316	307,943	70,589,277	95,690,683
2014Q4	19	199,374	199,133	199,664	199,422	199,181	198,940	208,776	208,531	208,271	208,019	199,040	198,799	198,558	198,318	207,621	207,370	207,119	206,869	196,616	196,378	196,141	195,903	44,906,525	61,392,864
2015Q1	26	206,075	205,825	206,374	206,124	205,875	205,626	215,792	215,531	215,270	215,010	205,729	205,480	205,231	204,983	214,599	214,339	214,080	213,821	203,224	202,978	202,732	202,487	46,415,673	63,771,349
2015Q2	31	436,415	435,887	437,049	436,520	435,992	435,464	456,994	456,441	455,889	455,338	435,683	435,156	434,629	434,103	454,468	453,918	453,368	452,820	430,378	429,857	429,337	428,817	98,296,969	133,922,184
2015Q3	16	96,052	95,936	96,192	96,075	95,959	95,843	100,582	100,460	100,338	100,217	95,891	95,775	95,659	95,543	100,025	99,904	99,784	99,663	94,723	94,609	94,494	94,380	21,634,540	30,626,592
2015Q4	20	176,346	176,133	176,602	176,388	176,175	175,962	184,662	184,438	184,215	183,992	176,050	175,837	175,624	175,412	183,640	183,418	183,196	182,975	173,906	173,696	173,486	173,276	39,719,676	54,133,863
2016Q1	18	157,191	157,001	157,419	157,229	157,039	156,849	164,603	164,404	164,205	164,007	156,927	156,737	156,548	156,358	163,693	163,495	163,297	163,100	155,016	154,829	154,641	154,454	35,405,268	47,806,366
2016Q2	35	274,965	274,632	275,364	275,031	274,698	274,366	287,931	287,583	287,235	286,887	274,504	274,172	273,840	273,509	286,339	285,993	285,647	285,301	271,161	270,833	270,505	270,178	61,932,395	85,275,829
2016Q3	22	197,501	197,262	197,787	197,548	197,309	197,070	206,814	206,564	206,314	206,064	197,169	196,931	196,692	196,455	205,670	205,421	205,173	204,925	194,768	194,533	194,297	194,062	44,484,513	58,890,124
2016Q4	14	144,897	144,721	145,107	144,931	144,756	144,581	151,729	151,546	151,362	151,179	144,653	144,478	144,304	144,129	150,890	150,708	150,525	150,343	142,892	142,719	142,546	142,374	32,636,110	44,464,407
2017Q1	19	182,232	182,012	182,497	182,276	182,055	181,835	190,825	190,594	190,364	190,133	181,926	181,706	181,486	181,267	189,770	189,540	189,311	189,082	179,711	179,494	179,276	179,059	41,045,455	55,153,860
2017Q2	28	258,867	258,554	259,243	258,930	258,616	258,304	271,074	270,746	270,419	270,092	258,433	258,120	257,808	257,496	269,576	269,249	268,924	268,598	255,286	254,977	254,669	254,361	58,306,606	78,115,012
2017Q3	17	153,678	153,492	153,901	153,715	153,529	153,343	160,924	160,730	160,535	160,341	153,420	153,234	153,049	152,864	160,035	159,841	159,647	159,454	151,552	151,368	151,185	151,002	34,613,931	46,971,757
2017Q4	11	126,595	126,441	126,778	126,625	126,472	126,319	132,564	132,404	132,244	132,084	126,382	126,229	126,077	125,924	131,831	131,672	131,512	131,353	124,843	124,692	124,541	124,391	28,513,815	38,725,213
2018Q1	15	130,497	130,339	130,687	130,528	130,371	130,213	136,651	136,485	136,320	136,155	130,278	130,121	129,963	129,806	135,895	135,731	135,566	135,402	128,692	128,536	128,380	128,225	29,392,812	39,533,030
2018Q2	15	147,919	147,740	148,134	147,955	147,776	147,597	154,894	154,707	154,520	154,333	147,671	147,492	147,314	147,136	154,038	153,852	153,665	153,480	145,873	145,696	145,520	145,344	33,316,935	44,410,016
2018Q3	18	178,309	178,093	178,568	178,352	178,136	177,921	186,717	186,491	186,266	186,040	178,010	177,794	177,579	177,365	185,685	185,460	185,236	185,012	175,842	175,629	175,417	175,205	40,161,838	53,201,850
2018Q4	20	200,173	199,931	200,464	200,221	199,979	199,737	209,612	209,359	209,105	208,852	199,837	199,595	199,354	199,113	208,453	208,201	207,949	207,698	197,404	197,165	196,926	196,688	45,086,450	60,113,330
2019Q1	19	190,341	190,111	190,618	190,387	190,157	189,927	199,317	199,076	198,835	198,594	190,022	189,792	189,562	189,333	198,215	197,975	197,735	197,496	187,708	187,481	187,254	187,028	42,871,970	56,831,737
2019Q2	25	250,682	250,379	251,046	250,742	250,439	250,136	262,503	262,185	261,868	261,551	250,262	249,959	249,656	249,354	261,052	260,736	260,420	260,105	247,214	246,915	246,616	246,318	56,462,960	74,647,985
2019Q3	10	100,366	100,245	100,512	100,390	100,269	100,147	105,099	104,972	104,845	104,718	100,198	100,077	99,955	99,834	104,518	104,391	104,265	104,139	98,978	98,858	98,738	98,619	22,606,193	29,924,386
2019Q4	41	411,884	411,386	412,482	411,983	411,484	410,987	431,306	430,785	430,263	429,743	411,193	410,695	410,198	409,702	428,921	428,403	427,884	427,366	406,186	405,694	405,203	404,713	92,771,609	123,049,859
Total	669																							Total thru 2019Q4	2,134,862,384

Sources:

NY MIF for Fund data; calculated diagonals based on Exhibit 6, Indicated Ultimate Severity
 Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Projected Incremental Discounted Payments per Participant by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Participants	Incremental Benefits Paid by Fund Participation Quarter																									
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	
2011Q4	11	-	3,146	94,260	144,173	27,926	42,167	22,720	101,483	69,656	29,373	28,827	54,812	47,626	27,564	48,782	108,661	51,481	28,752	49,678	50,087	55,775	59,762	69,834	59,758	56,849	
2012Q1	11	-	11,909	28,215	15,444	3,802	9,275	24,942	29,365	45,050	65,147	33,607	38,857	22,710	17,639	19,004	47,555	8,050	8,287	14,368	40,610	65,249	105,081	141,372	30,423	160,512	
2012Q2	15	717	213,939	222,675	216,063	220,760	219,402	284,456	287,128	360,835	337,540	310,577	284,497	328,790	369,738	355,414	322,973	388,125	349,296	336,954	375,984	440,301	426,941	348,845	713,715	516,684	
2012Q3	25	17,222	58,895	119,468	117,755	160,748	148,012	211,218	300,445	433,929	286,997	349,458	267,625	302,467	229,506	226,706	256,203	321,808	307,643	238,399	314,347	389,016	261,971	507,772	414,951	331,539	
2012Q4	38	371	75,588	146,333	431,812	623,934	520,889	1,045,294	1,180,508	1,165,671	1,148,800	1,218,933	894,490	978,263	927,857	1,354,514	1,174,223	906,524	1,038,009	1,779,355	1,525,926	763,402	1,540,636	776,503	1,738,563	1,927,812	
2013Q1	5	-	780	10,857	36,713	37,090	86,384	177,708	162,554	132,023	136,890	119,318	117,497	87,645	124,918	149,075	110,923	132,056	159,165	175,258	130,412	161,152	221,890	103,938	184,382	216,135	
2013Q2	30	-	41,406	67,708	78,441	109,369	161,013	217,746	181,675	116,207	135,157	197,202	256,410	167,023	273,743	215,624	191,285	285,507	246,411	140,344	384,275	245,332	288,796	207,737	516,227	496,133	
2013Q3	26	-	9,394	89,664	176,462	348,379	366,278	407,351	431,269	361,886	366,426	311,761	270,692	340,485	303,320	281,603	325,761	129,991	233,702	141,831	116,773	162,384	328,688	140,031	217,140	166,754	
2013Q4	8	60	15,787	22,442	52,010	55,080	37,953	152,406	42,227	41,285	68,386	120,264	105,891	45,872	73,694	99,640	75,194	92,384	91,257	108,478	53,984	120,859	60,805	86,037	96,409	119,008	
2014Q1	17	602	39,529	100,258	166,996	143,474	269,659	282,592	372,432	227,482	404,028	331,801	364,447	363,952	550,020	436,798	424,367	461,052	280,450	434,155	758,208	338,804	250,559	493,832	380,612	445,985	
2014Q2	24	30,945	132,707	205,442	230,289	335,796	222,383	350,374	280,346	272,353	327,022	254,665	265,346	465,824	240,840	205,985	367,940	223,774	313,120	426,463	423,346	399,652	349,347	456,615	457,859	466,555	
2014Q3	20	24,460	105,657	644,449	392,488	282,863	305,247	296,763	249,677	377,991	264,554	351,669	427,155	460,362	370,354	783,163	174,676	389,194	466,826	496,231	459,264	498,283	534,967	579,926	576,364	587,312	
2014Q4	19	1,609	73,351	103,984	172,768	198,623	159,203	193,955	254,713	264,161	336,275	355,696	334,321	362,678	337,740	244,266	347,343	462,515	249,641	299,587	457,909	441,494	369,376	367,108	364,853	371,783	
2015Q1	26	3,902	118,971	137,048	184,125	195,370	230,680	288,099	212,728	354,753	339,026	219,468	632,582	364,574	248,757	370,420	407,394	296,841	371,925	442,027	550,201	382,252	379,904	377,571	375,252	191,190	
2015Q2	31	137,049	402,726	435,224	352,996	410,257	523,451	381,714	661,892	618,164	459,971	456,194	825,441	549,361	790,790	1,084,462	814,368	697,691	802,793	654,317	853,007	805,519	800,571	795,653	395,383	402,893	
2015Q3	16	-	30,164	103,507	80,558	69,794	91,758	68,778	223,018	175,695	297,615	259,387	244,576	381,432	192,952	241,371	445,606	321,371	257,980	187,969	186,814	176,414	175,330	87,127	86,592	88,236	
2015Q4	20	3,829	102,088	91,181	172,019	321,337	211,106	252,349	180,709	145,837	282,289	316,999	306,819	478,795	340,754	198,342	307,314	409,781	345,517	343,395	341,286	322,286	160,153	159,169	158,192	161,196	
2016Q1	18	210	16,754	185,361	164,559	176,678	222,131	265,022	151,593	251,157	135,105	240,923	311,580	167,178	225,351	266,054	283,418	308,360	306,466	304,583	302,712	142,930	142,052	141,179	140,312	142,977	
2016Q2	35	10,141	71,367	160,956	264,242	202,010	416,172	246,795	536,249	818,321	671,599	800,518	810,776	545,852	399,465	812,641	509,399	536,732	533,435	530,159	263,451	248,784	247,256	245,738	244,228	248,867	
2016Q3	22	-	94,668	205,067	179,295	214,771	169,535	197,464	155,428	206,635	166,004	107,035	219,367	206,483	203,549	366,332	364,082	383,617	381,261	189,460	188,296	177,813	176,721	178,636	174,557	177,872	
2016Q4	14	-	157,250	157,366	254,248	179,571	327,343	158,566	384,037	181,017	359,813	230,110	206,758	241,719	269,086	267,433	265,790	280,051	139,166	138,311	137,461	129,809	129,011	128,219	127,431	129,852	
2017Q1	19	-	122,431	174,172	472,382	240,410	323,718	196,024	234,344	150,282	244,833	231,521	250,321	338,831	336,750	334,681	332,626	175,236	174,160	173,090	172,027	162,450	161,452	159,475	162,504	162,504	
2017Q2	28	9,506	167,627	184,879	378,303	319,302	436,388	284,986	359,278	349,027	369,305	390,795	506,797	478,945	476,003	473,079	235,087	247,701	246,179	244,667	243,164	229,627	228,216	226,815	225,422	229,703	
2017Q3	17	750	30,939	88,216	177,929	181,238	243,892	258,850	604,157	311,889	470,160	301,226	299,376	282,923	281,186	139,729	138,871	146,322	145,423	144,530	143,642	135,646	134,812	133,984	133,161	135,691	
2017Q4	11	910	13,384	271,321	234,524	40,209	792,209	251,977	71,311	174,740	248,441	246,915	245,398	231,912	115,244	114,536	113,832	119,940	119,203	118,471	117,744	111,189	110,506	109,827	109,152	111,226	
2018Q1	15	-	1,706	89,268	177,560	182,290	109,247	405,850	419,980	256,410	254,835	253,270	251,714	118,940	118,210	117,484	116,762	123,027	122,271	121,520	120,774	114,050	113,350	112,653	111,961	114,088	
2018Q2	15	-	26,518	86,218	117,923	184,907	365,639	259,310	273,648	289,207	287,430	285,665	141,955	134,154	133,330	132,511	131,697	138,763	137,911	137,064	136,222	128,638	127,848	127,063	126,282	128,681	
2018Q3	18	-	55,875	41,230	230,697	127,167	310,909	330,269	328,240	346,902	344,771	171,327	170,275	160,917	159,928	158,946	157,970	166,446	165,423	164,407	163,397	154,301	153,353	152,411	151,475	154,351	
2018Q4	20	-	7,151	254,792	375,503	434,592	371,215	368,935	366,669	387,516	192,568	191,385	190,209	179,756	178,652	177,555	176,464	185,932	184,790	183,655	182,527	172,366	171,307	170,255	169,209	172,423	
2019Q1	19	43	12,364	146,822	363,869	353,410	351,239	349,082	346,937	183,331	182,205	181,086	179,974	170,083	169,038	168,000	166,968	175,927	174,846	173,772	172,705	163,090	162,089	161,093	160,103	163,145	
2019Q2	25	-	30,693	215,848	472,894	463,147	460,302	457,475	227,332	240,258	238,782	237,315	235,857	222,895	221,526	220,166	218,813	230,554	229,138	227,730	226,332	213,731	212,419	211,114	209,817	213,802	
2019Q3	10	-	39,033	189,563	188,398	184,515	183,382	91,128	90,568	95,717	95,129	94,545	93,964	88,800	88,255	87,713	87,174	91,852	91,287	90,727	90,169	85,150	84,626	84,107	83,590	85,178	
2019Q4	41	7,002	778,873	774,089	769,334	753,477	374,425	372,125	369,839	390,866	388,466	386,079	383,708	362,621	360,393	358,180	355,980	375,080	372,776	370,487	368,211	347,712	345,576	343,454	341,344	347,828	
Total		669																									

Sources:

NY MIF for Fund data; calculated diagonals based on Exhibit 6, Indicated Ultimate Severity and a discount factor of 2.0%
 Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Projected Incremental Discounted Payments per Participant by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Participants	Incremental Benefits Paid by Fund Participation Quarter																								
		Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50
2011Q4	11	144,337	106,913	98,308	121,098	182,965	145,051	173,303	128,606	113,482	112,785	112,092	106,908	53,126	52,799	52,475	55,110	54,772	54,435	54,101	51,314	50,999	50,685	50,374	51,952	51,633
2012Q1	11	607,638	42,285	36,061	114,231	22,149	34,779	37,316	73,300	72,849	72,402	71,957	34,315	34,104	33,894	33,686	35,378	35,161	34,945	34,730	32,941	32,738	32,537	32,337	33,351	33,146
2012Q2	15	435,265	632,934	406,936	416,523	477,262	641,614	545,520	574,779	571,248	567,739	282,126	269,077	267,424	265,782	264,149	277,415	275,711	274,018	272,335	258,304	256,718	255,141	253,574	261,519	259,913
2012Q3	25	309,276	223,944	401,243	385,568	457,496	446,139	443,399	467,180	464,311	230,729	229,312	218,706	217,362	216,027	214,700	225,483	224,098	222,722	221,354	209,950	208,660	207,378	206,105	212,563	211,257
2012Q4	38	1,342,537	1,954,365	1,396,773	1,931,997	1,579,924	1,570,219	1,560,575	1,644,276	817,088	812,069	807,081	769,751	765,023	760,324	755,654	793,605	788,730	783,885	779,070	738,934	734,395	729,884	725,401	748,130	743,535
2013Q1	5	280,731	185,013	219,674	191,584	190,407	189,238	188,075	99,081	98,473	97,868	97,267	92,768	92,198	91,632	91,069	95,643	95,055	94,471	93,891	89,054	88,507	87,963	87,423	90,162	89,608
2013Q2	30	637,311	891,817	309,253	313,262	311,337	309,425	153,762	162,009	161,014	160,025	159,042	151,686	150,754	149,828	148,908	156,387	155,426	154,471	153,522	145,613	144,719	143,830	142,946	147,425	146,520
2013Q3	26	167,698	389,872	387,477	392,499	390,088	193,846	192,655	202,988	201,742	200,502	199,271	190,054	188,887	187,727	186,573	195,944	194,740	193,544	192,355	182,445	181,324	180,211	179,104	184,716	183,581
2013Q4	8	118,290	117,564	116,842	118,356	58,814	58,453	58,094	61,210	60,834	60,460	60,089	57,310	56,958	56,608	56,260	59,086	58,723	58,362	58,004	55,015	54,677	54,342	54,008	55,700	55,358
2014Q1	17	443,245	440,523	437,817	221,746	220,384	219,030	217,685	229,360	227,951	226,551	225,159	214,745	213,426	212,115	210,812	221,400	220,040	218,688	217,345	206,148	204,881	203,623	202,372	208,713	207,431
2014Q2	24	463,690	460,841	229,005	231,974	230,549	229,133	227,725	239,939	238,465	237,001	235,545	224,650	223,270	221,899	220,536	231,612	230,189	228,775	227,370	215,656	214,331	213,015	211,707	218,340	216,999
2014Q3	20	583,704	290,059	288,278	292,014	290,220	288,438	286,666	302,041	300,186	298,342	296,510	282,795	281,058	279,332	277,616	291,559	289,768	287,988	286,219	271,473	269,806	268,149	266,502	274,852	273,164
2014Q4	19	184,750	183,615	182,487	184,852	183,717	182,588	181,467	191,200	190,025	188,858	187,698	179,016	177,917	176,824	175,738	184,564	183,430	182,304	181,184	171,849	170,794	169,745	168,702	173,988	172,919
2015Q1	26	190,015	188,848	187,688	190,121	188,953	187,792	186,639	196,649	195,441	194,241	193,048	184,119	182,988	181,864	180,747	189,824	188,658	187,500	186,348	176,747	175,662	174,583	173,510	178,947	177,848
2015Q2	31	400,418	397,959	395,515	400,641	398,180	395,734	393,303	414,398	411,853	409,323	406,809	387,993	385,610	383,241	380,887	400,016	397,559	395,117	392,690	372,459	370,171	367,898	365,638	377,094	374,778
2015Q3	16	87,694	87,156	86,620	87,743	87,204	86,668	86,136	90,756	90,199	89,644	89,094	84,973	84,451	83,932	83,417	87,066	86,068	85,533	86,002	81,571	81,070	80,572	80,077	82,586	82,079
2015Q4	20	160,206	159,222	158,244	160,295	159,311	158,332	157,360	165,799	164,781	163,769	162,763	155,235	154,281	153,334	152,392	160,045	159,062	158,085	157,114	149,020	148,104	147,195	146,291	150,874	149,948
2016Q1	18	142,099	141,226	140,359	142,178	141,305	140,437	139,574	147,060	146,157	145,259	144,367	137,690	136,844	136,003	135,168	141,956	141,084	140,218	139,357	132,177	131,365	130,558	129,756	133,822	133,000
2016Q2	35	247,338	245,819	244,309	247,476	245,956	244,445	242,934	255,974	254,401	252,839	251,286	239,663	238,191	236,728	235,274	247,090	246,572	246,044	242,565	230,068	228,655	227,250	225,854	232,931	231,500
2016Q3	22	176,780	175,694	174,615	176,878	175,791	174,712	173,639	182,952	181,828	180,711	179,601	171,294	170,242	169,196	168,157	176,602	175,517	174,439	173,368	164,436	163,426	162,422	161,425	166,483	165,460
2016Q4	14	129,054	128,261	127,474	129,126	128,333	127,544	126,761	133,560	132,739	131,924	131,114	125,049	124,281	123,518	122,759	128,924	128,133	127,346	126,563	120,043	119,306	118,573	117,844	121,537	120,790
2017Q1	19	161,506	160,514	159,528	161,596	160,603	159,617	158,636	167,145	166,118	165,098	164,083	156,494	155,533	154,578	153,628	161,344	160,353	159,368	158,389	150,229	149,306	148,389	147,477	152,098	151,164
2017Q2	28	228,292	226,890	225,496	228,419	227,016	225,622	224,236	236,263	234,811	233,369	231,936	221,208	219,849	218,499	217,157	228,063	226,662	225,270	223,886	212,352	211,047	209,751	208,463	214,995	213,674
2017Q3	17	134,857	134,029	133,206	134,932	134,103	133,280	132,461	139,566	138,708	137,856	137,009	130,672	129,870	129,072	128,279	134,722	133,894	133,072	132,254	125,441	124,670	123,905	123,143	127,002	126,222
2017Q4	11	110,542	109,863	109,189	110,604	109,924	109,249	108,578	114,402	113,699	113,001	112,307	107,112	106,454	105,800	105,150	110,431	109,753	109,079	108,409	102,824	102,192	101,564	100,941	104,103	103,464
2018Q1	15	113,387	112,691	111,999	113,450	112,753	112,061	111,373	117,346	116,625	115,909	115,197	109,869	109,194	108,523	107,857	113,273	112,578	111,886	111,199	105,470	104,822	104,178	103,538	106,783	106,127
2018Q2	15	127,891	127,105	126,324	127,962	127,176	126,394	125,618	132,356	131,543	130,735	129,932	123,922	123,116	122,404	121,652	127,762	126,977	126,197	125,422	118,961	118,230	117,504	116,782	120,441	119,701
2018Q3	18	153,404	152,462	151,525	153,489	152,546	151,609	150,678	158,760	157,785	156,815	155,852	148,644	147,731	146,823	145,921	153,250	152,309	151,373	150,443	142,693	141,816	140,945	140,079	144,468	143,581
2018Q4	20	171,364	170,311	169,265	171,459	170,406	169,359	168,319	177,347	176,257	175,175	174,099	166,046	165,026	164,013	163,005	171,192	170,140	169,095	168,056	159,398	158,419	157,446	156,479	161,382	160,391
2019Q1	19	162,142	161,147	160,157	162,232	161,236	160,246	159,261	167,803	166,773	165,748	164,730	157,111	156,146	155,187	154,234	161,979	160,985	159,996	159,013	150,821	149,894	148,974	148,059	152,698	151,760
2019Q2	25	212,489	211,184	209,887	212,607	211,301	210,003	208,713	219,908	218,557	217,215	215,880	205,895	204,631	203,374	202,125	212,276	210,972	209,676	208,388	197,652	196,438	195,231	194,032	200,112	198,883
2019Q3	10	84,655	84,135	83,618	84,702	84,181	83,664	83,150	87,610	87,072	86,537	86,006	82,028	81,524	81,023	80,525	84,570	84,050	83,534	83,021	78,744	78,260	77,779	77,301	79,724	79,234
2019Q4	41	345,691	343,568	341,457	345,883	343,759	341,647	339,549	357,760	355,563	353,379	351,208	334,964	332,906	330,861	328,829	345,344	343,222	341,114	339,019	321,553	319,578	317,615	315,664	325,555	323,555
Total	669																									

Sources:

NY MIF for Fund data; calculated diagonals based on Exhibit 6, Indicated Ultimate Severity and a discount factor of 2.0%
 Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Projected Incremental Discounted Payments per Participant by Admittance Quarter
As of December 31, 2019

Admittance Quarter	Participants	Incremental Benefits Paid by Fund Participation Quarter																				Total			
		Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70		Q71	Q72	After Q72
2011Q4	11	51,316	51,001	50,884	50,572	50,261	49,952	52,163	51,843	51,524	51,208	48,756	48,456	48,158	47,863	49,860	49,554	49,250	48,947	46,292	46,007	45,725	45,444	5,450,677	10,098,492
2012Q1	11	32,942	32,740	32,665	32,464	32,265	32,067	33,486	33,280	33,076	32,873	31,298	31,106	30,915	30,725	32,008	31,811	31,616	31,422	29,717	29,534	29,353	29,173	3,499,041	6,840,279
2012Q2	15	258,316	256,729	256,142	254,569	253,005	251,451	262,580	260,967	259,364	257,771	245,427	243,919	242,421	240,932	250,988	249,447	247,915	246,392	233,024	231,593	230,170	228,756	27,437,695	50,394,947
2012Q3	25	209,959	208,670	208,193	206,914	205,643	204,380	213,425	212,114	210,812	209,517	199,483	198,258	197,040	195,829	204,003	202,750	201,505	200,267	189,402	188,238	187,082	185,933	22,301,367	40,389,847
2012Q4	38	738,968	734,429	732,749	728,249	723,775	719,330	751,166	746,552	741,967	737,409	702,095	697,782	693,496	689,236	718,005	713,595	709,212	704,856	666,614	662,519	658,450	654,405	78,491,321	145,033,614
2013Q1	5	89,058	88,511	88,309	87,766	87,227	86,691	90,528	89,972	89,419	88,870	84,614	84,094	83,578	83,065	86,532	86,000	85,472	84,947	80,338	79,845	79,354	78,867	9,459,515	17,434,191
2013Q2	30	145,620	144,725	144,394	143,508	142,626	141,750	148,024	147,114	146,211	145,313	138,354	137,504	136,659	135,820	141,489	140,620	139,756	138,898	131,362	130,555	129,753	128,956	15,467,381	29,427,451
2013Q3	26	182,453	181,333	180,918	179,807	178,702	177,605	185,465	184,326	183,194	182,069	173,349	172,285	171,226	170,175	177,278	176,189	175,107	174,031	164,589	163,578	162,573	161,575	19,379,760	34,805,459
2013Q4	8	55,018	54,680	54,555	54,220	53,887	53,556	55,926	55,583	55,241	54,902	52,273	51,951	51,632	51,315	53,457	53,129	52,802	52,478	49,631	49,326	49,023	48,722	5,843,859	10,523,994
2014Q1	17	206,157	204,891	204,422	203,167	201,919	200,679	209,560	208,273	206,994	205,722	195,870	194,667	193,472	192,283	200,309	199,079	197,856	196,641	185,972	184,830	183,694	182,566	21,897,511	40,649,820
2014Q2	24	215,666	214,341	213,851	212,538	211,232	209,935	219,226	217,880	216,541	215,211	204,905	203,646	202,395	201,152	209,548	208,261	206,982	205,711	194,550	193,355	192,167	190,987	22,907,519	41,294,805
2014Q3	20	271,486	269,818	269,201	267,548	265,904	264,271	275,968	274,272	272,588	270,913	257,939	256,355	254,780	253,215	263,785	262,164	260,554	258,954	244,904	243,400	241,905	240,419	28,836,563	52,093,544
2014Q4	19	171,857	170,802	170,411	169,364	168,324	167,290	174,694	173,621	172,555	171,495	163,282	162,279	161,282	160,292	166,982	165,957	164,937	163,924	155,030	154,078	153,132	152,191	18,254,257	33,523,219
2015Q1	26	176,756	175,670	175,268	174,192	173,122	172,058	179,673	178,570	177,473	176,383	167,936	166,904	165,879	164,860	171,742	170,687	169,638	168,596	159,449	158,470	157,496	156,529	18,774,541	34,825,734
2015Q2	31	372,476	370,188	369,342	367,073	364,819	362,578	378,625	376,299	373,988	371,691	353,890	351,717	349,556	347,409	361,910	359,687	357,478	355,282	336,006	333,942	331,891	329,853	39,563,605	72,326,376
2015Q3	16	81,575	81,074	80,888	80,392	79,898	79,407	82,921	82,412	81,906	81,403	77,504	77,028	76,555	76,085	79,261	78,774	78,290	77,809	73,588	73,136	72,686	72,240	8,664,675	17,004,403
2015Q4	20	149,027	148,111	147,773	146,865	145,963	145,066	151,487	150,556	149,632	148,712	141,591	140,721	139,856	138,997	144,799	143,910	143,026	142,147	134,435	133,609	132,789	131,973	15,829,247	29,004,096
2016Q1	18	132,183	131,371	131,071	130,266	129,466	128,670	134,365	133,540	132,720	131,904	125,588	124,816	124,049	123,287	128,434	127,645	126,861	126,081	119,241	118,508	117,781	117,055	14,040,171	25,298,743
2016Q2	35	230,079	228,665	228,142	226,741	225,348	223,964	233,877	232,440	231,012	229,593	218,598	217,255	215,921	214,595	223,552	222,179	220,814	219,458	207,551	206,276	205,009	203,750	24,438,376	45,716,543
2016Q3	22	164,444	163,434	163,060	162,058	161,063	160,074	167,158	166,131	165,111	164,097	156,238	155,279	154,325	153,377	159,779	158,797	157,822	156,853	148,343	147,431	146,526	145,626	17,466,797	30,340,434
2016Q4	14	120,048	119,311	119,038	118,307	117,580	116,858	122,030	121,281	120,536	119,795	114,058	113,358	112,661	111,969	116,643	115,927	115,215	114,507	108,294	107,629	106,968	106,311	12,751,250	23,419,549
2017Q1	19	150,236	149,313	148,972	148,056	147,147	146,243	152,716	151,778	150,845	149,919	142,739	141,863	140,991	140,125	145,974	145,077	144,186	143,301	135,526	134,693	133,866	133,044	15,957,667	28,561,252
2017Q2	28	212,362	211,057	210,575	209,281	207,996	206,718	215,867	214,541	213,223	211,914	201,765	200,526	199,294	198,070	206,338	205,070	203,810	202,559	191,569	190,392	189,223	188,060	22,556,518	40,160,754
2017Q3	17	125,447	124,676	124,391	123,627	122,868	122,113	127,517	126,734	125,956	125,182	119,187	118,455	117,727	117,004	121,888	121,139	120,395	119,656	113,164	112,469	111,778	111,091	13,324,630	24,333,867
2017Q4	11	102,828	102,197	101,963	101,337	100,714	100,096	104,526	103,884	103,246	102,612	97,698	97,097	96,501	95,908	99,912	99,298	98,688	98,082	92,760	92,191	91,624	91,061	10,922,185	19,989,161
2018Q1	15	105,475	104,827	104,587	103,945	103,306	102,672	107,216	106,557	105,903	105,252	100,212	99,596	98,985	98,377	102,483	101,853	101,228	100,606	95,148	94,563	93,982	93,405	11,203,283	20,128,772
2018Q2	15	118,966	118,235	117,965	117,240	116,520	115,805	120,930	120,187	119,449	118,715	113,030	112,336	111,646	110,960	115,591	114,881	114,176	113,474	107,318	106,659	106,004	105,352	12,636,278	22,312,450
2018Q3	18	142,699	141,823	141,498	140,629	139,765	138,907	145,055	144,164	143,278	142,398	135,579	134,746	133,918	133,096	138,651	137,800	136,953	136,112	128,727	127,937	127,151	126,370	15,157,154	26,440,402
2018Q4	20	159,406	158,427	158,064	157,093	156,129	155,170	162,037	161,042	160,053	159,070	151,452	150,521	149,597	148,678	154,884	153,933	152,987	152,047	143,798	142,915	142,037	141,164	16,931,681	29,931,060
2019Q1	19	150,828	149,901	149,559	148,640	147,727	146,820	153,318	152,376	151,440	150,510	143,302	142,422	141,547	140,677	146,549	145,649	144,754	143,865	136,600	135,724	134,894	133,568	16,020,550	27,999,232
2019Q2	25	197,661	196,447	195,998	194,794	193,598	192,408	200,924	199,690	198,463	197,244	187,798	186,645	185,498	184,359	192,054	190,874	189,702	188,537	178,308	177,213	176,124	175,042	20,995,083	36,499,835
2019Q3	10	78,747	78,264	78,085	77,605	77,128	76,655	80,047	79,555	79,067	78,581	74,818	74,358	73,902	73,448	76,513	76,043	75,576	75,112	71,037	70,601	70,167	69,736	8,364,333	14,580,594
2019Q4	41	321,568	319,593	318,862	316,903	314,957	313,022	326,876	324,869	322,873	320,890	305,522	303,646	301,781	299,927	312,446	310,527	308,620	306,724	290,083	288,301	286,530	284,770	34,156,153	59,792,609
Total	669																							Total thru 2019Q4	1,141,175,528

Sources:

NY MIF for Fund data; calculated diagonals based on Exhibit 6, Indicated Ultimate Severity and a discount factor of 2.0%
 Note: 3rd Qtr 2017 diagonal data adjusted to account for no payments made in September

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Expected Fund Payments by Admittance Year - All Participants
As of December 31, 2019

Exhibit 6
Page 1

Fiscal Year (1)	Live Births (2)	Admitted Participants (3)	Cumulative Benefit Payments (4)	Adjusted Benefit Payments (5)	Expected Benefit Payments (6)	Expected % of Benefits Paid (7)	Development of Current Payments (8)	B-F Indicated Benefit Payments (9)	Selected Ultimate Payments (10)	Indicated Ultimate Severity (11)
2011	239,608	22	4,523,704	3,681,048	36,170,443	9.48%	39,679,669	37,265,842	29,123,961	1,323,816
2012	238,237	86	55,113,815	48,159,531	499,728,104	8.32%	585,518,629	513,244,694	446,615,687	5,193,206
2013	235,956	84	22,641,345	19,801,420	211,816,970	7.22%	276,916,579	219,155,017	206,880,457	2,462,863
2014	237,491	91	26,706,200	22,743,719	310,846,036	6.15%	373,906,522	318,441,792	296,444,887	3,257,636
2015	235,139	85	21,658,857	17,783,534	262,921,558	5.08%	354,139,523	271,231,422	266,488,998	3,135,165
2016	231,623	91	14,517,890	11,214,308	246,569,907	3.98%	285,021,837	251,272,633	243,784,219	2,678,947
2017	232,920	72	8,833,429	6,560,911	166,663,018	2.92%	227,116,563	170,633,248	203,345,013	2,824,236
2018	231,603	73	3,376,648	2,519,653	147,638,421	1.83%	138,461,558	148,311,689	214,556,932	2,939,136
2019	230,287	76	292,015	216,723	222,685,042	0.79%	27,519,811	221,218,566	227,622,229	2,995,029
Total		680	157,663,904	132,680,847	2,105,039,500		2,308,280,689	2,150,774,904	2,134,862,384	3,139,504

Sources:

- (2) Vital Statistics of New York State; adjusted to MIF fiscal year
- (3) Provided by MIF; includes all living and deceased participants admitted through 12/31/19
- (4) Provided by MIF; includes 8.2% load for prescription drugs
- (5) Adjusted to reflect pre-legislation payment levels
- (6), (7) Pinnacle estimate of expected payments and payment distributions based on admittance year and 3.0% inflation rate
- (8) $\text{Col (5) / Col (7) + [Col (4) - Col (5)]}$
- (9) $\text{Col (4) + \{Col (6) x [1 - Col (7)]\}}$
- (10) From Exhibit 6, Page 2, Col (10)
- (11) $\text{Col (10) / Col (3)}$

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Average Payments per Participant by Admittance Quarter
As of December 31, 2019

Exhibit 6
Page 2

Admittance Quarter (1)	Living Participants (2)	Deceased Participants (3)	Paid For Deceased (4)	% Paid (5)	Estimated Ultimate Severity (6)	Estimated Ultimate Benefits (7)	Prior Quarter Selected Severity (8)	Selected Severity (9)	Selected Ultimate Benefits (10)
2011Q4	11	0	-	8.9%	2,487,957	27,367,523	1,587,090	1,590,070	17,490,766
2012Q1	11	0	-	8.6%	1,988,283	21,871,118	1,059,415	1,057,563	11,633,195
2012Q2	15	1	276,786	8.3%	8,782,744	132,017,946	5,859,350	5,871,795	88,353,716
2012Q3	25	0	-	8.0%	4,150,975	103,774,387	2,858,585	2,862,009	71,550,233
2012Q4	38	2	1,382,899	7.8%	10,201,220	389,029,262	6,678,887	6,695,087	255,796,189
2013Q1	5	0	-	7.5%	9,766,126	48,830,629	6,170,360	6,183,110	30,915,549
2013Q2	30	0	-	7.2%	3,114,234	93,427,034	1,701,815	1,722,995	51,689,858
2013Q3	26	1	2,127,253	7.0%	2,250,250	60,633,755	2,346,296	2,340,318	62,975,531
2013Q4	8	0	-	6.7%	3,436,733	27,493,866	2,385,199	2,387,826	19,102,610
2014Q1	17	2	959,711	6.4%	6,344,995	108,824,627	4,242,962	4,244,279	73,112,459
2014Q2	24	1	1,553,019	6.1%	3,542,926	86,583,234	3,081,551	3,084,874	75,589,991
2014Q3	20	0	-	5.9%	7,101,260	142,025,208	4,781,643	4,784,534	95,690,683
2014Q4	19	0	-	5.6%	5,293,479	100,576,107	3,223,955	3,231,203	61,392,864
2015Q1	26	1	167,134	5.4%	4,166,840	108,504,962	2,438,014	2,446,316	63,771,349
2015Q2	31	0	-	5.1%	7,026,295	217,815,140	4,321,821	4,320,070	133,922,184
2015Q3	16	0	-	4.8%	4,539,335	72,629,364	1,907,792	1,914,162	30,626,592
2015Q4	20	0	-	4.5%	4,558,185	91,163,701	2,700,540	2,706,693	54,133,863
2016Q1	18	0	-	4.2%	4,010,654	72,191,764	2,653,395	2,655,909	47,806,360
2016Q2	35	0	-	4.0%	4,857,104	169,998,626	2,425,146	2,436,452	85,275,829
2016Q3	22	0	-	3.7%	2,842,502	62,535,042	2,681,195	2,676,824	58,890,124
2016Q4	14	1	61,720	3.5%	5,737,416	80,385,542	3,170,073	3,171,620	44,464,407
2017Q1	19	0	-	3.2%	4,351,230	82,673,375	2,905,163	2,902,835	55,153,860
2017Q2	28	1	4,649	2.9%	3,971,368	111,202,943	2,790,653	2,789,656	78,115,012
2017Q3	17	0	-	2.6%	5,272,049	89,624,834	2,750,021	2,763,045	46,971,757
2017Q4	11	0	-	2.4%	7,109,582	78,205,406	3,523,230	3,520,474	38,725,213
2018Q1	15	0	-	2.1%	4,419,734	66,296,016	2,620,615	2,635,535	39,533,030
2018Q2	15	0	-	1.8%	3,788,344	56,825,164	2,958,216	2,960,668	44,410,016
2018Q3	18	1	-	1.6%	2,707,202	48,729,639	2,953,300	2,955,658	53,201,850
2018Q4	20	0	-	1.3%	4,084,595	81,691,895	2,999,018	3,005,666	60,113,330
2019Q1	19	0	-	1.1%	4,041,507	76,788,624	2,987,376	2,991,144	56,831,737
2019Q2	25	0	-	0.8%	4,022,149	100,553,720	2,992,694	2,985,919	74,647,985
2019Q3	10	0	-	0.5%	4,025,323	40,253,226	3,003,970	2,992,439	29,924,386
2019Q4	41	0	-	0.3%	3,947,402	161,843,492	-	3,001,216	123,049,859
Total	669	11	6,533,171			3,212,367,170			2,134,862,384

Sources:

- (2) - (4) Provided by MIF
- (5) Based on Virginia Birth Fund patterns
- (6) [Exhibit 4, Page 2 Total - Col (4)] / Col (5) / Col (2)
- (7) [Col (6) x Col (2)] + Col (4)
- (8) From Pinnacle analysis as of 09/30/2019
- (9) Selected severity for currently living participants (based on Col (6) and prior selected severity)
- (10) [Col (9) x Col (2)] + Col (4)

Affiliate Number	Current Age	Gender	State Effective Date	Injury Category	Years in MIF	Date of Death (if applicable)	Paid Benefits			Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
							Current Quarter	Cumulative To Date	Medicaid			
							6,913	185,651	-	185,651	210,405	
							3,641	106,755	35,221	141,975	159,185	
							27,947	531,412	-	531,412	599,981	
							-	276,786	1,631	278,416	278,416	
							15,979	1,124,990	-	1,124,990	1,265,614	
							11,656	296,784	-	296,784	335,079	
							-	280	-	280	317	
							162,798	3,460,981	-	3,460,981	3,907,560	
							175	3,520	8,946	12,466	13,977	
							-	14,569	-	14,569	16,449	
							13,494	183,879	7,885	191,764	215,008	
							-	1,417	-	1,417	1,600	
							-	41,693	11,723	53,416	60,308	
							8,571	170,598	-	170,598	192,611	
							2,358	19,775	1,853	21,628	24,332	
							6,172	119,297	10,875	130,171	145,950	
							605	103,290	-	103,290	116,201	
							4,751	131,018	-	131,018	146,899	
							22,915	1,892,400	-	1,892,400	2,144,720	
							662	291,365	-	291,365	330,213	
							27,791	403,751	25,289	429,039	484,399	
							-	1,309	8,025	9,334	10,501	
							-	-	-	-	-	
							755	26,609	10,565	37,174	41,971	
							8,538	167,785	-	167,785	190,156	
							-	-	6,530	816	7,347	
							90	270,820	-	270,820	306,929	
							-	9,660	-	9,660	10,906	
							139,704	2,779,037	3,057	2,782,095	3,141,074	
							-	49,944	-	49,944	56,604	
							-	12,297	-	12,297	13,936	
							2,964	48,079	-	48,079	54,490	
							-	-	147	147	166	
							10,074	86,388	9,231	95,620	107,210	
							13,783	561,831	-	561,831	636,742	
							4,499	62,259	-	62,259	70,041	
							118	8,831	-	8,831	10,009	
							63,245	1,128,296	65,793	1,194,089	1,348,165	
							-	131,235	-	131,235	148,733	
							13,847	210,377	-	210,377	238,427	
							8,963	116,187	-	116,187	130,270	
							-	23,068	-	23,068	26,143	
							1,881	36,887	-	36,887	41,805	
							-	114,237	-	114,237	128,517	
							-	582	-	582	654	
							2,003	105,918	4,130	110,048	123,387	
							250	6,644	-	6,644	7,474	
							10,822	292,598	-	292,598	329,173	
							1,429	87,054	-	87,054	98,661	
							-	177,267	-	177,267	200,903	
							161,467	649,143	-	649,143	735,696	
							34,964	593,748	50,146	643,894	721,942	
							-	11,081	-	11,081	12,466	
							12,267	101,590	-	101,590	115,136	
							33,968	800,237	22,702	822,939	922,689	
							740	33,141	-	33,141	37,158	
							150,947	1,332,932	38,552	1,371,484	1,548,449	
							-	309	-	309	349	
							-	291	-	291	330	
							155,307	2,409,228	-	2,409,228	2,730,459	
							-	1,702,879	-	1,702,879	1,937,759	
							150,360	1,507,054	-	1,507,054	1,714,923	
							-	-	-	-	-	
							1,096	17,233	-	17,233	19,531	
							21,043	164,515	-	164,515	187,206	
							14,673	219,532	-	219,532	249,812	
							2,400	40,605	-	40,605	46,206	
							-	322,022	-	322,022	322,022	
							154,910	1,215,802	-	1,215,802	1,383,498	
							76,599	1,571,749	-	1,571,749	1,788,543	
							80,581	1,297,614	-	1,297,614	1,476,595	
							96,329	1,577,612	-	1,577,612	1,795,214	
							3,754	49,785	-	49,785	56,423	
							16,097	373,431	-	373,431	423,221	
							-	1,060,878	-	1,060,878	1,060,878	

New York State Department of Health
 Quarterly Analysis of New York Medical Indemnity Fund
 Participant Profile
 As of December 31, 2019

Affiliate Number	Current Age	Gender	State Effective Date	Injury Category	Years in MIF	Date of Death (if applicable)	Paid Benefits			Current Annual Paid	Estimate of Cumulative Incurred in 12 Months	
							Current Quarter	Cumulative To Date	Medicaid			
							-	15,543	-	15,543	2,144	17,687
							7,570	210,799	-	210,799	29,076	239,875
							695	5,201	-	5,201	717	5,918
							2,045	98,098	-	98,098	13,531	111,629
							62,883	1,694,232	-	1,694,232	233,687	1,927,920
							18,021	318,899	-	318,899	43,986	362,885
							213,314	2,191,237	-	2,191,237	302,240	2,493,476
							38,596	491,167	-	491,167	67,747	558,914
							44,235	544,032	-	544,032	75,039	619,071
							302,839	5,564,220	-	5,564,220	767,479	6,331,699
							81,151	587,037	-	587,037	80,971	668,007
							153,999	2,907,015	-	2,907,015	400,968	3,307,983
							310	6,165	-	6,165	850	7,015
							4,295	57,617	-	57,617	7,947	65,564
							-	11,405	-	11,405	1,573	12,978
							9,299	195,190	-	195,190	26,923	222,112
							-	5,955	-	5,955	821	6,777
							3,221	15,019	-	15,019	2,072	17,091
							1,096	99,041	-	99,041	13,661	112,702
							122,728	2,108,933	-	2,108,933	290,887	2,399,820
							-	65,615	-	65,615	9,050	74,665
							9,375	82,354	-	82,354	11,359	93,714
							5,500	67,759	-	67,759	9,346	77,105
							1,393	203,811	-	203,811	28,112	231,923
							-	9,497	-	9,497	1,310	10,807
							216	8,972	-	8,972	1,238	10,210
							63,453	579,426	-	579,426	79,921	659,347
							43,729	363,716	-	363,716	50,168	413,884
							81,209	1,508,719	-	1,508,719	215,531	1,724,251
							-	1,835	-	1,835	262	2,097
							78,772	1,138,190	-	1,138,190	162,599	1,300,789
							30,387	545,308	-	545,308	77,901	623,210
							12,803	185,822	-	185,822	26,546	212,368
							-	37,475	-	37,475	5,552	43,027
							3,240	38,187	-	38,187	5,657	43,845
							160,942	1,307,579	-	1,307,579	193,715	1,501,295
							138	15,155	-	15,155	2,245	17,400
							-	7,400	-	7,400	1,096	8,496
							11,132	13,616	-	13,616	2,017	15,633
							5,439	100,900	-	100,900	14,948	115,848
							6,389	53,233	-	53,233	7,886	61,119
							-	4,298	-	4,298	637	4,935
							-	2,236	-	2,236	331	2,567
							-	-	-	-	-	-
							132,827	647,779	-	647,779	95,967	743,746
							-	-	-	-	-	-
							30	8,578	-	8,578	1,271	9,849
							1,644	9,606	-	9,606	1,423	11,029
							-	653	-	653	97	750
							200	200	-	200	30	230
							1,300	24,338	-	24,338	3,606	27,943
							64,850	405,396	-	405,396	60,059	465,455
							68,059	314,168	-	314,168	46,543	360,711
							302,613	1,879,029	-	1,879,029	278,375	2,157,404
							-	-	-	-	-	-
							1,633	15,849	-	15,849	2,348	18,197
							-	1,679	-	1,679	249	1,927
							820	13,234	-	13,234	1,961	15,195
							8,024	33,128	-	33,128	4,908	38,036
							-	1,435	-	1,435	213	1,647
							50,826	1,079,797	-	1,079,797	159,970	1,239,767
							4,708	219,549	-	219,549	32,526	252,075
							-	-	-	-	-	-
							-	95,107	-	95,107	14,632	109,738
							9,342	244,788	-	244,788	37,660	282,447
							-	8,405	-	8,405	1,293	9,698
							9,375	133,582	-	133,582	20,551	154,133
							-	9,244	-	9,244	1,422	10,666
							-	239	-	239	37	276
							15,914	85,686	-	85,686	13,182	98,868
							12,958	249,277	-	249,277	38,350	287,627
							4,020	122,615	-	122,615	18,864	141,479
							-	762	-	762	117	880
							-	16,985	-	16,985	2,613	19,598
							-	-	-	-	-	-

Affiliate Number	Current Age	Gender	State Effective Date	Injury Category	Years in MIF	Date of Death (if applicable)	Paid Benefits			Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
							Current Quarter	Cumulative To Date	Medicaid			
							3,056	312,733	-	312,733	48,113	360,846
							-	6,779	-	6,779	1,043	7,822
							-	1,510	-	1,510	232	1,742
							33,904	716,645	-	716,645	110,253	826,898
							5,298	185,512	-	185,512	28,540	214,052
							219	18,480	-	18,480	2,843	21,323
							619	338,329	-	338,329	52,051	390,380
							4,577	99,087	-	99,087	15,244	114,331
							-	2,127,253	-	2,127,253	567,267	2,127,253
							51,962	870,042	-	870,042	133,853	1,003,895
							756	1,367	-	1,367	210	1,577
							1,052	30,566	-	30,566	4,703	35,269
							-	11,541	-	11,541	1,775	13,316
							2,048	42,943	-	42,943	6,607	49,550
							-	162	-	162	25	186
							40,070	562,340	-	562,340	89,974	652,314
							2,953	20,617	-	20,617	3,299	23,916
							270	6,548	-	6,548	1,048	7,595
							-	18,630	-	18,630	2,981	21,611
							66,774	1,031,850	-	1,031,850	165,096	1,196,946
							-	8,659	-	8,659	1,386	10,045
							-	1,104	-	1,104	177	1,281
							-	45,690	-	45,690	7,310	53,000
							-	904,976	-	904,976	190,521	904,976
							-	54,735	-	54,735	27,367	54,735
							74,276	1,436,356	-	1,436,356	239,393	1,675,749
							220	5,346	-	5,346	891	6,237
							-	2,297	-	2,297	383	2,680
							58,273	703,537	-	703,537	117,256	820,794
							-	373	-	373	62	435
							21,512	293,850	-	293,850	48,975	342,825
							-	12,425	-	12,425	2,071	14,496
							2,247	95,444	-	95,444	15,907	111,351
							-	-	-	-	-	-
							-	-	-	-	-	-
							164,500	2,400,815	-	2,400,815	400,136	2,800,951
							1,448	525,536	-	525,536	87,589	613,126
							581	61,477	-	61,477	10,246	71,724
							16,570	348,107	-	348,107	58,018	406,125
							3,057	47,120	-	47,120	7,853	54,973
							9,335	377,525	-	377,525	62,921	440,445
							-	3,597	-	3,597	599	4,196
							-	-	-	-	-	-
							95,903	409,602	-	409,602	71,235	480,837
							-	-	-	-	-	-
							-	13,187	-	13,187	2,293	15,480
							-	1,553,019	-	1,553,019	310,604	1,553,019
							-	105	-	105	18	123
							-	-	-	-	-	-
							302	19,134	-	19,134	3,328	22,462
							1,934	14,869	-	14,869	2,586	17,455
							14,666	199,576	-	199,576	34,709	234,285
							148	30,603	-	30,603	5,322	35,926
							11,595	460,009	-	460,009	80,002	540,011
							-	22,038	-	22,038	3,833	25,871
							8,835	210,861	-	210,861	36,671	247,532
							-	-	-	-	-	-
							43,787	171,932	-	171,932	29,901	201,833
							-	35,870	-	35,870	6,238	42,108
							3,593	121,371	-	121,371	21,108	142,478
							29,262	758,644	-	758,644	131,938	890,582
							25,137	280,266	-	280,266	48,742	329,008
							29,453	405,035	-	405,035	70,441	475,476
							30,364	144,509	-	144,509	25,132	169,641
							-	1,663	-	1,663	289	1,952
							94,295	816,273	-	816,273	141,960	958,233
							33,038	597,193	-	597,193	103,860	701,052
							-	8,351	-	8,351	1,518	9,870
							43,932	639,152	-	639,152	116,209	755,361
							-	13,793	-	13,793	2,508	16,300
							125,952	1,709,861	-	1,709,861	310,884	2,020,745
							3,786	276,521	-	276,521	50,277	326,798
							-	9,942	-	9,942	1,808	11,749
							-	1,040	-	1,040	189	1,229
							-	8,014	-	8,014	1,457	9,472

Affiliate Number	Current Age	Gender	State Effective Date	Injury Category	Years in MIF	Date of Death (if applicable)	Paid Benefits			Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
							Current Quarter	Cumulative To Date	Medicaid			
							59,842	146,979	-	146,979	26,723	173,702
							20	8,106	-	8,106	1,474	9,580
							1,333	38,173	-	38,173	6,941	45,114
							8,237	173,177	-	173,177	31,487	204,663
							1,901	7,400	-	7,400	1,345	8,745
							-	7,986	-	7,986	1,452	9,438
							11,630	45,743	-	45,743	8,317	54,060
							-	-	-	-	-	-
							200	76,549	-	76,549	13,918	90,467
							7,945	251,063	-	251,063	45,648	296,711
							-	221	-	221	40	261
							230,000	4,302,851	-	4,302,851	782,337	5,085,188
							-	-	-	-	-	-
							600	4,645	-	4,645	885	5,530
							3,137	10,444	-	10,444	1,989	12,434
							6,369	101,074	-	101,074	19,252	120,326
							93,125	1,366,680	-	1,366,680	260,320	1,627,001
							22,206	409,291	-	409,291	77,960	487,251
							12,091	405,291	-	405,291	77,198	482,489
							90,841	462,939	-	462,939	88,179	551,118
							-	3,386	-	3,386	645	4,031
							14,518	116,516	-	116,516	22,193	138,709
							-	295	-	295	56	351
							633	17,221	-	17,221	3,280	20,501
							72,607	1,166,277	-	1,166,277	222,148	1,388,425
							40,966	385,247	-	385,247	73,380	458,627
							31,362	452,266	-	452,266	86,146	538,412
							2,561	13,555	-	13,555	2,582	16,137
							58	7,877	-	7,877	1,500	9,377
							17,253	282,525	-	282,525	53,814	336,339
							-	-	-	-	-	-
							870	43,790	-	43,790	8,758	52,548
							21,016	414,088	-	414,088	82,818	496,905
							-	-	-	-	-	-
							28,173	320,368	-	320,368	64,074	384,442
							-	6,000	-	6,000	1,200	7,200
							2,363	43,817	-	43,817	8,763	52,580
							-	2,708	-	2,708	542	3,250
							-	964	-	964	193	1,157
							-	3,324	-	3,324	665	3,988
							-	4,044	-	4,044	809	4,853
							715	114,065	-	114,065	22,813	136,878
							-	7,800	-	7,800	1,560	9,360
							995	19,322	-	19,322	3,864	23,187
							81,563	913,725	-	913,725	182,745	1,096,469
							60,444	1,225,848	-	1,225,848	245,170	1,471,017
							16,354	197,198	-	197,198	39,440	236,638
							11,340	164,266	-	164,266	32,853	197,120
							10,296	228,691	-	228,691	45,738	274,429
							32,348	693,009	-	693,009	138,602	831,610
							27,943	348,012	-	348,012	69,602	417,614
							16,943	46,363	-	46,363	9,273	55,635
							-	175	-	175	35	210
							-	2,862	-	2,862	572	3,435
							183,566	267,691	-	267,691	53,538	321,230
							9,888	197,065	-	197,065	39,413	236,477
							4,050	62,718	-	62,718	12,544	75,261
							27,946	764,876	-	764,876	161,026	925,902
							-	48,543	-	48,543	10,220	58,763
							-	-	-	-	-	-
							-	1,259	-	1,259	265	1,524
							490	10,532	-	10,532	2,217	12,750
							6,605	53,860	-	53,860	11,339	65,199
							830	2,270	-	2,270	478	2,747
							130,416	2,086,899	-	2,086,899	439,347	2,526,247
							-	5,985	-	5,985	1,260	7,244
							21,415	296,269	-	296,269	62,372	358,641
							1,090	18,433	-	18,433	3,881	22,314
							241,355	4,529,846	-	4,529,846	953,652	5,483,497
							61,417	725,609	-	725,609	152,760	878,369
							1,683	99,102	-	99,102	20,864	119,966
							2,298	78,458	-	78,458	16,518	94,976
							30,069	345,692	-	345,692	72,777	418,469
							-	-	-	-	-	-

Affiliate Number	Current Age	Gender	State Effective Date	Injury Category	Years in MIF	Date of Death (if applicable)	Paid Benefits			Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
							Current Quarter	Cumulative To Date	Medicaid			
							42,434	458,171	-	458,171	96,457	554,628
							-	247	-	247	52	299
							-	-	-	-	-	-
							-	122	-	122	26	148
							-	-	-	-	-	-
							-	6,395	-	6,395	1,346	7,741
							-	312	-	312	66	378
							50	5,597	-	5,597	1,178	6,776
							4,770	131,108	-	131,108	27,602	158,710
							2,987	30,885	-	30,885	6,502	37,388
							-	2,623	-	2,623	552	3,176
							-	900	-	900	189	1,089
							29,305	474,143	-	474,143	99,820	573,963
							-	15,203	-	15,203	3,201	18,403
							5,730	35,471	-	35,471	7,882	43,354
							18,141	123,537	-	123,537	27,453	150,989
							7,420	222,283	-	222,283	49,396	271,679
							-	3,527	-	3,527	784	4,311
							7,338	38,135	-	38,135	8,475	46,610
							10,750	159,142	-	159,142	35,365	194,507
							143,164	1,626,566	-	1,626,566	361,459	1,988,025
							24,959	245,942	-	245,942	54,654	300,595
							7,714	17,728	-	17,728	3,940	21,668
							-	1,923	-	1,923	427	2,350
							-	18,006	-	18,006	4,001	22,007
							8,296	227,091	-	227,091	50,465	277,556
							-	178	-	178	40	217
							-	448,696	-	448,696	99,710	548,406
							-	-	-	-	-	-
							5,087	45,137	-	45,137	10,030	55,167
							873	38,207	-	38,207	8,990	47,197
							383	7,814	-	7,814	1,838	9,652
							2,183	89,047	-	89,047	20,952	110,000
							27,916	481,123	-	481,123	113,205	594,328
							140	13,359	-	13,359	3,143	16,503
							139,369	219,107	-	219,107	51,555	270,661
							4,812	149,721	-	149,721	35,228	184,949
							-	562	-	562	132	694
							748	15,334	-	15,334	3,608	18,942
							-	1,152	-	1,152	271	1,423
							-	30	-	30	7	37
							-	-	-	-	-	-
							145	1,157	-	1,157	272	1,429
							33,560	616,664	-	616,664	145,097	761,762
							641	1,907	-	1,907	449	2,356
							-	9,317	-	9,317	2,192	11,509
							37,094	641,605	-	641,605	150,966	792,571
							2,668	38,253	-	38,253	9,001	47,254
							794	106,261	-	106,261	25,003	131,264
							127,670	1,367,686	-	1,367,686	321,808	1,689,494
							14,659	263,778	-	263,778	65,944	329,722
							5,361	21,885	-	21,885	5,471	27,356
							-	-	-	-	-	-
							-	1,366	-	1,366	342	1,708
							498	16,996	-	16,996	4,249	21,245
							180	73,754	-	73,754	18,438	92,192
							410	2,580	-	2,580	645	3,225
							30,422	527,446	-	527,446	131,862	659,308
							41,375	547,792	-	547,792	136,948	684,740
							-	903	-	903	226	1,128
							36,954	288,226	-	288,226	72,056	360,282
							48,668	276,216	-	276,216	69,054	345,270
							10,557	147,108	-	147,108	36,777	183,886
							2,980	51,020	-	51,020	12,755	63,775
							-	7,646	-	7,646	1,911	9,557
							50,603	377,949	-	377,949	94,487	472,436
							6,974	115,854	-	115,854	28,963	144,817
							12,486	99,204	-	99,204	24,801	124,006
							-	-	-	-	-	-
							2,732	32,975	-	32,975	8,793	41,768
							-	614	-	614	164	778
							-	-	-	-	-	-
							326	4,158	-	4,158	1,109	5,267
							5,449	45,596	-	45,596	12,159	57,755
							-	3,059	-	3,059	816	3,875

Affiliate Number	Current Age	Gender	State Effective Date	Injury Category	Years in MIF	Date of Death (if applicable)	Paid Benefits			Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
							Current Quarter	Cumulative To Date	Medicaid			
							3,874	18,548	-	18,548	4,946	23,494
							507	47,227	-	47,227	12,594	59,821
							991	7,097	-	7,097	1,893	8,990
							-	359	-	-	96	454
							4,335	40,351	-	40,351	10,760	51,111
							500	1,131	-	1,131	302	1,433
							4,200	15,071	-	15,071	4,019	19,090
							178,216	765,272	-	765,272	204,073	969,344
							16,256	161,092	-	161,092	42,958	204,050
							12,549	118,604	-	118,604	31,628	150,232
							11,486	388,246	-	388,246	103,532	491,778
							3,262	49,239	-	49,239	13,130	62,370
							-	4,664	-	-	1,244	5,908
							22,657	252,470	-	252,470	67,325	319,796
							3,373	8,858	-	8,858	2,362	11,220
							-	-	-	-	-	-
							-	843	-	843	225	1,067
							45,059	1,085,502	-	1,085,502	289,467	1,374,969
							49,798	1,159,010	-	1,159,010	309,069	1,468,079
							81,042	533,253	-	533,253	142,201	675,453
							3,202	47,660	-	47,660	12,709	60,369
							966	10,900	-	10,900	2,907	13,807
							-	8,307	-	8,307	2,215	10,522
							12,580	208,652	-	208,652	55,640	264,292
							-	-	-	-	-	-
							277,330	1,132,114	-	1,132,114	301,897	1,434,012
							-	8,555	-	8,555	2,281	10,836
							10,902	77,261	-	77,261	20,603	97,864
							-	2,041	-	2,041	583	2,625
							-	20	-	20	6	26
							-	20,622	-	20,622	5,892	26,514
							20,702	162,489	-	162,489	46,425	208,914
							-	-	-	-	-	-
							760	14,958	-	14,958	4,274	19,232
							3,305	116,298	-	116,298	33,228	149,526
							-	-	-	-	-	-
							2,245	6,404	-	6,404	1,830	8,233
							-	920	-	920	263	1,183
							1,606	51,785	-	51,785	14,796	66,580
							1,439	10,887	-	10,887	3,110	13,997
							-	89	-	89	26	115
							-	118	-	118	34	152
							157,043	1,709,467	-	1,709,467	488,419	2,197,886
							-	-	-	-	-	-
							-	2,967	-	2,967	848	3,815
							723	2,976	-	2,976	850	3,826
							-	39,344	-	39,344	11,241	50,585
							436	906	-	906	259	1,165
							-	870	-	870	249	1,119
							116,900	1,278,217	-	1,278,217	393,298	1,671,515
							5,699	44,530	-	44,530	13,701	58,231
							22,537	341,488	-	341,488	105,073	446,562
							20,658	224,102	-	224,102	68,954	293,056
							2,075	7,884	-	7,884	2,426	10,310
							-	61,720	-	61,720	61,720	61,720
							-	-	-	-	-	-
							1,701	25,318	-	25,318	7,790	33,109
							-	54,518	-	54,518	16,775	71,293
							18,553	220,148	-	220,148	67,738	287,886
							26,792	173,855	-	173,855	53,494	227,348
							-	72,264	-	72,264	22,235	94,500
							-	-	-	-	-	-
							4,564	51,370	-	51,370	15,806	67,176
							4,081	59,635	-	59,635	18,349	77,985
							10,626	99,591	-	99,591	33,197	132,789
							16,877	283,192	-	283,192	94,397	377,590
							7,020	39,321	-	39,321	13,107	52,428
							1,535	4,292	-	4,292	1,431	5,723
							70,670	680,479	-	680,479	226,826	907,305
							15,600	80,938	-	80,938	26,979	107,917
							-	-	-	-	-	-
							-	-	-	-	-	-
							800	24,822	-	24,822	8,274	33,096
							78,455	767,855	-	767,855	255,952	1,023,807

Affiliate Number	Current Age	Gender	State Effective Date	Injury Category	Years in MIF	Date of Death (if applicable)	Paid Benefits			Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
							Current Quarter	Cumulative To Date	Medicaid			
							729	17,219	-	17,219	5,740	22,959
							4,857	137,410	-	137,410	45,803	183,213
							-	11,375	-	11,375	3,792	15,167
							700	2,764	-	2,764	921	3,686
							20,916	216,982	-	216,982	72,327	289,310
							1,613	14,421	-	14,421	4,807	19,227
							-	-	-	-	-	-
							1,118	46,977	-	46,977	15,659	62,636
							-	3,468	-	3,468	1,261	4,729
							-	2,179	-	2,179	792	2,971
							2,969	23,175	-	23,175	8,427	31,602
							-	2,569	-	2,569	934	3,503
							155,207	1,144,005	-	1,144,005	416,002	1,560,007
							1,259	8,121	-	8,121	2,953	11,073
							-	4,649	-	4,649	3,720	4,649
							9,961	9,961	-	9,961	3,622	13,584
							8,064	83,715	-	83,715	30,442	114,157
							809	2,381	-	2,381	866	3,247
							1,731	13,308	-	13,308	4,839	18,147
							81,676	702,932	-	702,932	255,612	958,544
							-	30,969	-	30,969	11,262	42,231
							30,328	296,856	-	296,856	107,948	404,804
							-	25,272	-	25,272	9,190	34,462
							24,273	310,657	-	310,657	112,966	423,623
							-	-	-	-	-	-
							2,486	6,940	-	6,940	2,524	9,464
							-	2,402	-	2,402	873	3,275
							951	30,972	-	30,972	11,263	42,234
							4,731	20,435	-	20,435	7,431	27,866
							36,585	253,946	-	253,946	92,344	346,290
							-	-	-	-	-	-
							-	-	-	-	-	-
							-	1,186	-	1,186	431	1,617
							-	6,135	-	6,135	2,231	8,367
							334	7,570	-	7,570	2,753	10,323
							75	4,291	-	4,291	1,560	5,852
							-	-	-	-	-	-
							5,984	19,862	-	19,862	7,945	27,806
							69,493	601,473	-	601,473	240,589	842,062
							-	-	-	-	-	-
							2,259	185,600	-	185,600	74,240	259,841
							-	-	-	-	-	-
							-	-	-	-	-	-
							539	4,102	-	4,102	1,641	5,742
							8,662	64,025	-	64,025	25,610	89,636
							237,392	858,040	-	858,040	343,216	1,201,256
							33,384	165,796	-	165,796	66,318	232,114
							422	13,559	-	13,559	5,423	18,982
							-	-	-	-	-	-
							65,978	195,170	-	195,170	78,068	273,238
							-	-	-	-	-	-
							-	-	-	-	-	-
							10,728	74,346	-	74,346	29,738	104,084
							370	739	-	739	328	1,067
							11,592	50,360	-	50,360	22,382	72,742
							-	70	-	70	31	101
							834	5,608	-	5,608	2,492	8,101
							68,692	112,317	-	112,317	49,919	162,236
							1,064	34,961	-	34,961	15,538	50,500
							2,800	22,755	-	22,755	10,113	32,868
							40,294	1,375,176	-	1,375,176	611,189	1,986,366
							886	4,322	-	4,322	1,921	6,243
							28,081	43,091	-	43,091	19,152	62,243
							6,999	62,562	-	62,562	27,805	90,367
							9,398	20,897	-	20,897	10,448	31,345
							-	-	-	-	-	-
							8,374	55,150	-	55,150	27,575	82,725
							9,407	20,935	-	20,935	10,468	31,403
							150	6,814	-	6,814	3,407	10,220
							2,620	49,561	-	49,561	24,781	74,342
							-	-	-	-	-	-
							39,686	158,357	-	158,357	79,178	237,535
							5,953	23,442	-	23,442	11,721	35,163

Affiliate Number	Current Age	Gender	State Effective Date	Injury Category	Years in MIF	Date of Death (if applicable)	Paid Benefits			Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
							Current Quarter	Cumulative To Date	Medicaid			
							-	542	-	542	271	813
							-	1,273	-	1,273	637	1,910
							-	1,676	-	1,676	838	2,514
							250,530	613,168	-	613,168	306,584	919,751
							58,827	316,083	-	316,083	158,042	474,125
							3,485	7,036	-	7,036	3,518	10,553
							456	967	-	967	552	1,519
							17,908	90,355	-	90,355	51,631	141,986
							15,800	30,448	-	30,448	17,399	47,847
							-	29,792	-	29,792	17,024	46,816
							-	-	-	-	-	-
							1,645	8,515	-	8,515	4,866	13,381
							78,757	254,367	-	254,367	145,353	399,720
							51,830	325,963	-	325,963	186,265	512,228
							39,562	92,845	-	92,845	53,054	145,900
							11,956	44,423	-	44,423	25,385	69,808
							19,367	69,181	-	69,181	39,532	108,714
							-	-	-	-	-	-
							2,354	3,653	-	3,653	2,088	5,741
							-	-	-	-	-	-
							195	3,921	-	3,921	2,240	6,161
							-	-	-	-	-	-
							-	-	-	-	-	-
							4,730	17,204	-	17,204	11,469	28,673
							202	202	-	202	135	337
							10,500	50,258	-	50,258	33,505	83,764
							1,889	2,611	-	2,611	1,740	4,351
							55,915	220,487	-	220,487	146,991	367,478
							1,264	2,393	-	2,393	1,595	3,988
							2,932	3,550	-	3,550	2,366	5,916
							9,341	17,235	-	17,235	11,490	28,726
							-	-	-	-	-	-
							-	377	-	377	251	628
							2,596	8,291	-	8,291	5,527	13,818
							125,314	191,651	-	191,651	127,768	319,419
							72,376	188,878	-	188,878	125,919	314,797
							494	534	-	534	356	890
							-	585	-	585	390	975
							-	-	-	-	-	-
							417	594	-	594	475	1,069
							852	852	-	852	682	1,533
							2,619	5,541	-	5,541	4,433	9,974
							3,487	3,487	-	3,487	2,790	6,276
							7,503	10,829	-	10,829	8,663	19,493
							17,089	62,991	-	62,991	50,393	113,383
							-	-	-	-	-	-
							31,316	202,719	-	202,719	162,175	364,895
							4,484	24,075	-	24,075	19,260	43,335
							-	-	-	-	-	-
							87,196	185,623	-	185,623	148,498	334,121
							24,348	52,511	-	52,511	42,009	94,521
							-	-	-	-	-	-
							12,338	38,820	-	38,820	31,056	69,877
							-	346	-	346	277	624
							1,245	1,746	-	1,746	1,396	3,142
							168	2,391	-	2,391	1,913	4,304
							208,883	389,883	-	389,883	311,906	701,789
							-	-	-	-	-	-
							62,811	151,337	-	151,337	151,337	302,674
							-	-	-	-	-	-
							2,002	2,103	-	2,103	2,103	4,205
							-	-	-	-	-	-
							-	993	-	993	993	1,986
							18,242	30,730	-	30,730	30,730	61,461
							2,025	3,574	-	3,574	3,574	7,148
							102,241	102,241	-	102,241	102,241	204,482
							-	-	-	-	-	-
							250	1,289	-	1,289	1,289	2,578
							-	3,739	-	3,739	3,739	7,477
							42,044	58,145	-	58,145	58,145	116,289
							6,980	9,542	-	9,542	9,542	19,084
							88,833	97,459	-	97,459	97,459	194,918
							-	-	-	-	-	-

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Administrative Expense Summary

Exhibit 8

	<u>Dollar Amount</u>	<u>Provider</u>	<u>Basis</u>
Prior Admin Expenses: (before 9/1/17)	\$ 809.00	Alicare	Per member per month (pmpm)
As of 9/1/17:	666.00	Alicare	Per member per month (pmpm)
	62.00	PCG	Per member per month (pmpm)
As of 9/1/18:	705.72	PCG (Enrollment costs)	Per member per month (pmpm)
	64.00	PCG (TPA fees)	Per member per month (pmpm)
As of 9/1/19:	609.28	PCG (Enrollment costs)	Per member per month (pmpm)
	66.00	PCG (TPA fees)	Per member per month (pmpm)
As of 9/1/20:	569.74	PCG (Enrollment costs)	Per member per month (pmpm)
	68.00	PCG (TPA fees)	Per member per month (pmpm)
As of 9/1/21:	533.82	PCG (Enrollment costs)	Per member per month (pmpm)
	70.00	PCG (TPA fees)	Per member per month (pmpm)
Years after 9/1/17			
Year 1:	728.00	<u>Fiscal Year Average</u>	<u>Fiscal Year</u>
Year 2:	769.72	752.34	2018/19
Year 3:	675.28	714.63	2019/20
Year 4:	637.74	653.38	2020/21
Year 5:	603.82	617.95	2021/22
Average:	682.91		

Administrative expense details provided by MIF

New York State Department of Health
Benefit Payments Per Living Participant by Quarter
By Category
As of December 31, 2019

Payments Per Participant Summary

	2016Q2	2016Q3	2016Q4	2017Q1	2017Q2*	2017Q3*	2019Q1	2019Q2	2019Q3	2019Q4	Four Quarters Most Recent		% Change
											Prior to 2017Q2	Four Quarters	
Payments in Quarter	\$ 4,703,249	\$ 5,435,722	\$ 5,087,847	\$ 5,873,047			\$ 9,759,227	\$ 10,604,679	\$ 10,740,507	\$ 13,159,073	\$ 21,099,865	\$ 44,263,486	109.8%
Number of Living Participants	400	422	437	455			595	619	628	669			
Average Payments Per Living Participant**	\$ 11,758	\$ 12,881	\$ 11,643	\$ 12,908			\$ 16,402	\$ 17,132	\$ 17,103	\$ 19,670	\$ 12,310	\$ 17,628	43.2%
Average Payments per Participant													
Medical Treatment	\$ 628	\$ 760	\$ 562	\$ 646			\$ 1,038	\$ 951	\$ 914	\$ 1,167	649	1,017	56.8%
Hospital Based Care	1,024	898	1,242	1,217			671	617	459	613	1,095	590	-46.1%
Surgical Care	35	108	51	69			195	219	188	262	66	216	229.1%
Nursing Care	6,005	7,036	5,783	5,996			8,755	9,332	9,171	10,324	6,205	9,395	51.4%
Dental Care	24	29	29	21			20	19	13	30	25	21	-19.0%
Rehabilitation Care	725	708	613	613			470	522	573	551	665	529	-20.4%
Custodial Care	546	671	729	685			1,289	1,408	1,604	1,830	658	1,533	133.1%
Durable Med Equip	435	527	430	794			671	847	952	1,050	547	880	61.0%
Other Health Care Costs	31	37	22	20			725	709	711	822	27	742	2606.9%
Home Modification†	989	481	563	800			1,114	822	510	1,238	708	921	30.1%
Vehicle Modifications†	144	197	52	188			2	27	30	46	145	26	-81.9%
Prescription and Non-Prescriptive Drugs†	1,147	1,357	1,543	1,828			1,369	1,535	1,797	1,579	1,469	1,570	6.9%
Assistive Technology†	1	-	-	-			32	30	10	24	0	24	7514.4%
Other Payments†	25	70	24	31			51	92	171	133	37	112	198.0%

Source: MIF data provided by Alicare/PCG.

*Payments from 2017Q2 and 2017Q3 excluded due to volatility as program changes were implemented

**Payments calculated on a per living participant basis, not per participant receiving payments

†Categories not affected by Fair Health rates (as provided by MIF administration)