

# NEW YORK STATE DEPARTMENT OF HEALTH

**New York State Medical Indemnity Fund**  
**3<sup>rd</sup> Quarter 2021 Actuarial Analysis as of September 30, 2021**  
November 2021



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**Commitment Beyond Numbers**

# Table of Contents

<i>Section</i>	<i>Page</i>
PURPOSE & SCOPE .....	1
EXECUTIVE SUMMARY .....	1
BACKGROUND .....	4
DATA, METHODS & ASSUMPTIONS .....	6
PARTICIPANTS WITH \$0 IN BENEFIT PAYMENTS .....	8
PARTICIPANTS WITH LESS THAN \$25,000 IN ANNUAL BENEFIT PAYMENTS .....	8
PARTICIPANTS WITH MORE THAN \$400,000 IN ANNUAL BENEFIT PAYMENTS .....	9
DISCUSSION AND ANALYSIS .....	10
NUMBER OF QUALIFYING PARTICIPANTS .....	10
MORTALITY EXPERIENCE/LIFE EXPECTANCY .....	11
ACTUARIAL CALCULATION OF ESTIMATED FUND LIABILITIES .....	12
AMOUNT OF BENEFITS PAID .....	14
PATTERNS OF UTILIZATION .....	14
BENEFIT PAYMENTS AND INJURY TYPE .....	17
INFLATIONARY PATTERNS OF TYPES OF SERVICES .....	20
ADMINISTRATIVE EXPENSES .....	22
IMPACT OF AVAILABLE HEALTH INSURANCE .....	22
INVESTMENT EARNINGS .....	23
DISTRIBUTION & USE .....	24
RELIANCES & LIMITATIONS .....	25

## **EXHIBITS**

## **APPENDICIES**

# New York State Medical Indemnity Fund

## 3rd Quarter 2021 Actuarial Analysis

As of September 30, 2021

### ***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 September 30, 2021.

§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 September 30, 2021, Pinnacle has arrived at a number of key conclusions:

- As of September 30, 2021, the Fund has accepted 832 participants (815 living) with expected future benefit payments of approximately \$2.648 billion and future administrative expenses of

\$272.2 million, assuming a discount rate of 2.0% and future medical inflation of 3.0%. With a Fund balance as of September 30, 2021 of approximately \$195.4 million, this results in an unfunded liability for the Fund of approximately \$2.725 billion. The unfunded liability has increased from the \$2.674 billion calculated in our analysis as of June 30, 2021 as more participants have been added to the Fund. As of September 30, 2021, the Fund's current liabilities for the upcoming 2022-2023 fiscal year of \$86.7 million are 44.4% of the Fund's current assets of \$195.4 million. We expect this ratio to increase to 115.1% by fiscal year-end 2023-24. The decrease in this ratio from the prior analysis is due to fewer new participants than expected during the most recent quarter.

- 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 later extended to December 31, 2020 as part of the New York State budget. These increased rates are now in effect until December 31, 2021, and for this analysis we have been asked by the NYS DOH to assume that the increased rates will continue in perpetuity. For the most recent four quarters of the Fund (10/1/2020-9/30/2021), average benefit payments per participant were \$21,946 per quarter, representing an 78.3% increase over the average payments in the 2016-17 fiscal year. Total benefits paid were \$69.833 million for these four quarters, representing a 231.0% increase in payments over the 2016-17 fiscal period, while living participant counts increased from 766 to 815 over this period (an increase of 49 participants, or approximately 6.4%). See the Payments per Participant Summary for more detail regarding these numbers.
- For the fiscal year prior to the impact of legislation signed on December 31, 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 (an increase of 55 participants). See the Payments per Participant Summary for more detail regarding these numbers.
- Previous analyses contemplated the "sunset" of the 2016 legislation expected to occur on December 31, 2021. Starting with the June 30, 2020 analysis, the Department has requested that we remove this assumption from this and future analyses and our exhibits reflect this removal. With this assumption removed, the Fund is expected to surpass the 80% threshold for current liabilities to assets by year-end 2023-24 and this analysis contemplates no new participants added after that time.
- Total future lifetime benefits for the 815 living Fund participants without discounting is estimated to be \$4.830 billion. See Exhibit 2, Page 2.

- The current present value of future benefit payments of \$2.648 billion 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 ninety-one (90.6) additional participants accepted between March 31, 2021 and March 31, 2022. 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 twelve (12) new participants to the Fund in the second quarter of fiscal year 2021-22, approximately eleven (10.65) less than expected for this period at the beginning of the fiscal year.
  - The 2019 budget legislation eliminated the Fund administrator's discretion in determining whether plaintiffs are qualified for the Fund. It's possible we will continue to see higher participation rates in the future due to this change, although new participant counts have been lower than expected for the past two quarters.
- Actual benefit payments in the second quarter of the 2021-22 fiscal year (7/1/21-9/30/21) as of 9/30/21 were \$13.375 million. This amount is \$4.519 million lower than expected at the prior quarterly analysis. Based on modeled severities and an expected 40.77 additional participants, expected benefit payments in the remaining two quarters of the 2021-22 fiscal year are \$36.506 million. Estimated total benefit payments for the 2021-22 fiscal year (4/1/21 – 3/31/22) are therefore \$65.505 million, compared to \$70.474 million estimated at the June 30, 2021 analysis. 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 and the effect of the legislative changes on payments.
- As of September 1, 2018, both the Fund's claims handling and enrollment services are provided by Public Consulting Group (PCG). 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 DOH, at the March 31, 2021 analysis we projected that \$6.225 million would be paid to PCG for administrative costs for the 2021-22 fiscal year (see Exhibit 2, Page 1 of our report for 2021 Q1). This number was based on expected, not actual, participant counts and excludes Department expenses allocated to the Fund. Department expenses were projected to be \$1.428 million. Actual expense amounts are reviewed on an annual basis and compared to the projections at the beginning of the fiscal year. We expect the annual administrative expense

to decrease on a per member basis over the next few years due to continued economies of scale.

- Exhibit 1 summarizes Fund payments by benefit type since 4<sup>th</sup> quarter of 2012. Compared to the Virginia Birth Related Neurological Injury Compensation Fund, another state-run birth injury 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 September 30, 2021, sixty-six (66) participants have received more than \$1 million in benefit payments, with thirty-three (33) of these participants receiving more than \$2 million in benefit payments. Based on current annual severities by individual member, we expect twelve (12) 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 12 for total prescription drug payments handled in bulk.
- In response to the COVID-19 pandemic, two changes were made to Fund benefits payments. Benefits were temporarily expanded to include cleaning and disinfectant products in certain cases. In addition, timely filing requirements were temporarily waived. The expanded Fund benefits were offered through June 24, 2021. Timely filing requirements were reinstated on February 9, 2021.

## ***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.”<sup>1</sup> 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.”<sup>2</sup> These injuries must result in a physical impairment, a developmental disability, or both. 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

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<sup>1</sup> Provided by NYS DFS

<sup>2</sup> [https://www.health.ny.gov/regulations/medical\\_indemnity\\_fund/faqs.htm](https://www.health.ny.gov/regulations/medical_indemnity_fund/faqs.htm)

covered benefits from the Fund. The Fund currently is financed through a budget allocation from the state of New York.

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, PCG took over the claims handling while Alicare continued to work with Fund enrollment and case management until September 1, 2018. PCG now handles case management and 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.

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 result 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 about ten 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 2018, 2019 and 2020 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. We then compare the Fund’s data to data from Virginia. Additional severity information is contained in Exhibit 1, Page 2 and Exhibit 6<sup>3</sup>.

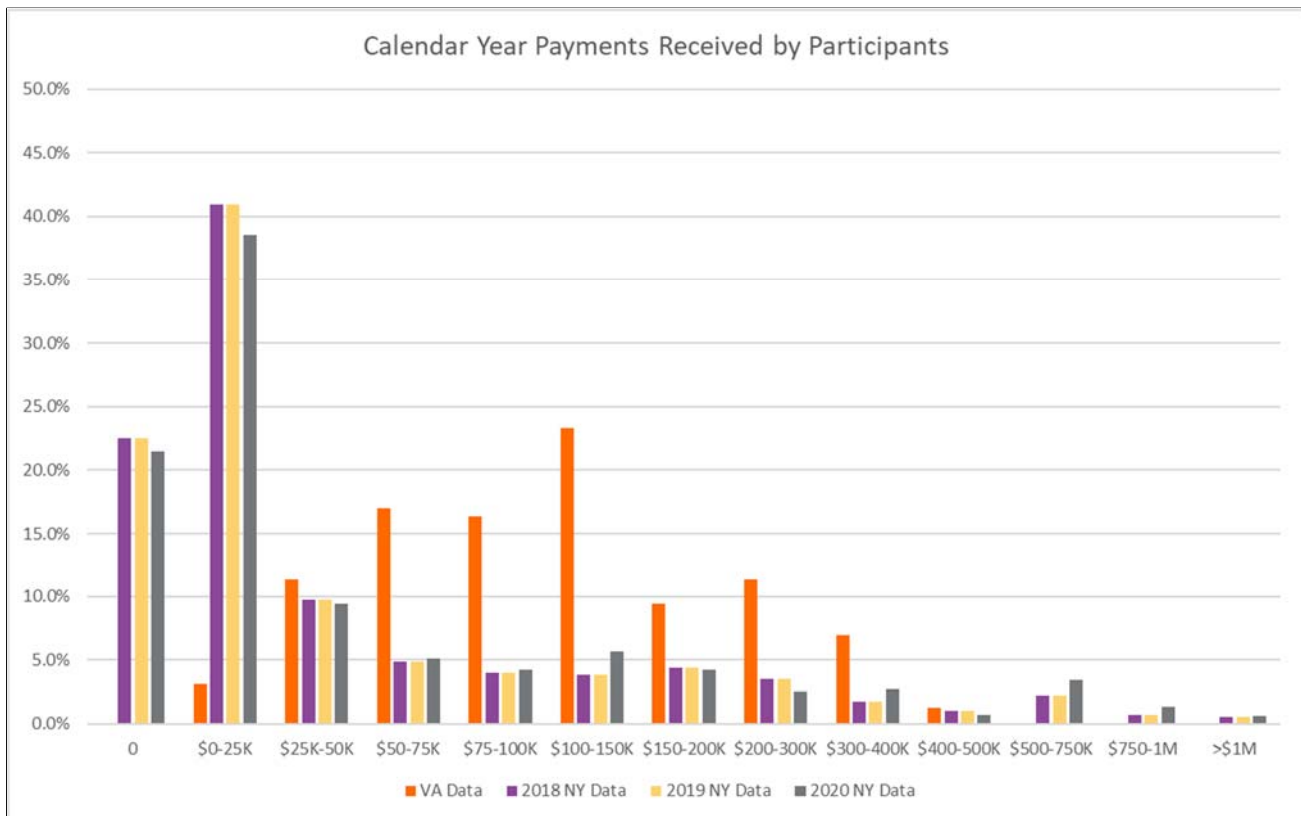


Chart 1: Calendar Year Payments Received by Participants

This comparison continues to raise 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?

<sup>3</sup> The remaining portion of the **Data, Methods and Assumptions** section has been updated for the MIF 2020 Q4 report. This section is updated annually as another calendar year of data emerges.

- 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?
- 3) The Fund had twenty-two participants in 2018, twenty-six participants in 2019, and forty-one participants in 2020 with annual benefit payments totaling over \$400,000. Virginia’s birth fund had only two participants in their latest calendar year 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 participants that had been in the Fund for more than one year as of December 31, 2020. We found that of these participants, 7.5% showed \$0 in benefit payments as of December 31, 2020. Approximately 2.5% 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 prior year-end analyses:

<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	527	498	94.5%
2 years or longer	601	565	94.0%
Longer than 1 year	678	627	92.5%

Table 2: Participants with Payments (in the Fund longer than 1 year) at December 31, 2020

Based on the data collected so far and assuming no significant changes in health insurance, we believe it is reasonable to assume that approximately 6% of Fund participants will not receive any benefit payments over their lifetimes. Hence while 21% of the participants in the graph above showed \$0 in payments for calendar year 2020, 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.”<sup>4</sup> The

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<sup>4</sup> From vabirthinjury.com/eligibility-benefits-claims

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 12.1% of Fund participants have one of these diagnoses at December 31, 2020, they have accounted for approximately 0.7% 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 over 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 &gt;\$25K Paid</u>	<u>Percentage of Participants With &gt;\$25K Paid</u>
3 years or longer	527	329	62.4%
2 years or longer	601	366	60.9%
Longer than 1 year	678	399	58.8%

Table 3: Participants with At Least \$25K Paid (in the Fund longer than 1 year) at December 31, 2020

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 as approximately 85% of prescription/non-prescription drug costs are now handled in bulk (compare current quarter vendor payments at the bottom of Exhibit 7 to total prescription payments 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.

**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. In calendar year 2019, twenty-six participants received more than \$400K in benefit payments with three members receiving over \$1M in benefit payments. A significant increase occurred in calendar year 2020, where forty-one participants received more than \$400K in benefits payments and four participants received over \$1M in benefit payments. 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 forty-one participants in order to determine whether large one-time payments (such as hospitalizations or home modifications) could be responsible for this increase. As in prior years, we found that nearly 80% of payments in 2020 for these members were due to nursing costs. 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. Taking a long-term view, nineteen participants show an average annual benefit cost of over \$400,000 per year of membership in the Fund.

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 September 30, 2021, there are eight hundred and thirty-two (832) participants that have qualified for the Program as of this date. Eight hundred and fifteen (815) participants were still living as of September 30, 2021. This information is summarized in Exhibit 6, Page 2.

There were twelve (12) new participants to the Fund in the second quarter of fiscal year 2021-22, approximately eleven (10.65) fewer than expected for the quarter. New participant counts for the 2021-22 fiscal year are approximately twenty-eight (27.82) lower than expected thus far. Instead of assuming uniform admittance throughout the year, we 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.

In 2019, legislation passed as part of the New York State budget included procedural amendments for the Fund. One particular change removes the Fund administrator's role in determining if a plaintiff is a "qualified plaintiff" and therefore eligible for the Fund. Since this change became effective on October

1, 2019, one hundred and ninety-three (193) participants have been admitted into the Fund, or approximately 23% of the Fund’s current membership.

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 8.9 years which is approximately four years older than the age of a Virginia Birth Fund participant at admission. Since the 2016-17 fiscal year, average age of admittance is higher at 9.2 years. Average admittance age for the most recent quarter is 8.8 years.

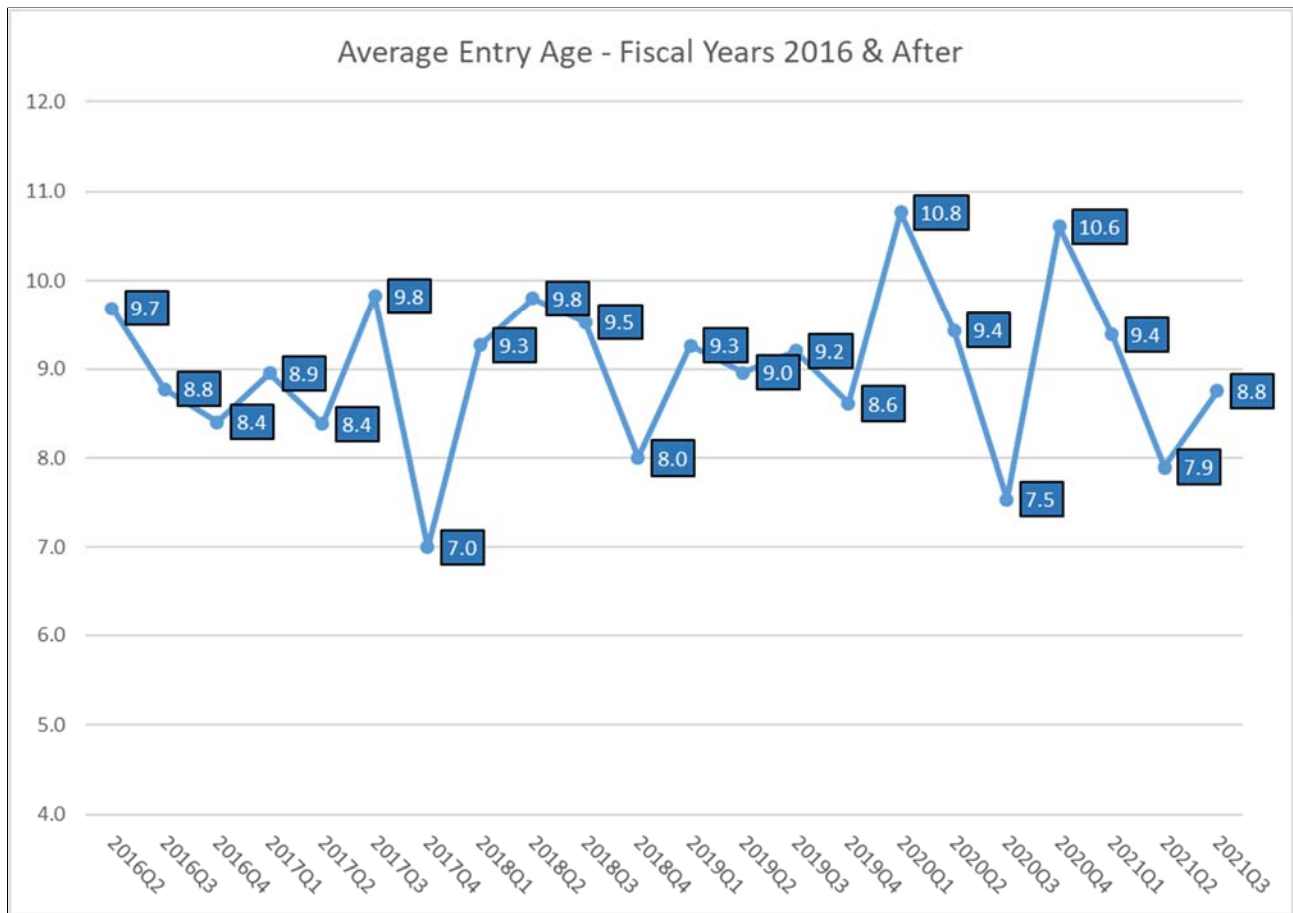


Chart 4: Average Entry Age of Fund Participants Since 2016-17 Fiscal Year

**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 based on the Virginia and Florida birth fund experience, 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 September 30, 2021, the Fund has experienced the death of seventeen (17) of its participants. Furthermore, only nineteen (19) Fund participants were

admitted prior to the age of three. The following graph shows the distribution of current Fund participants by age.

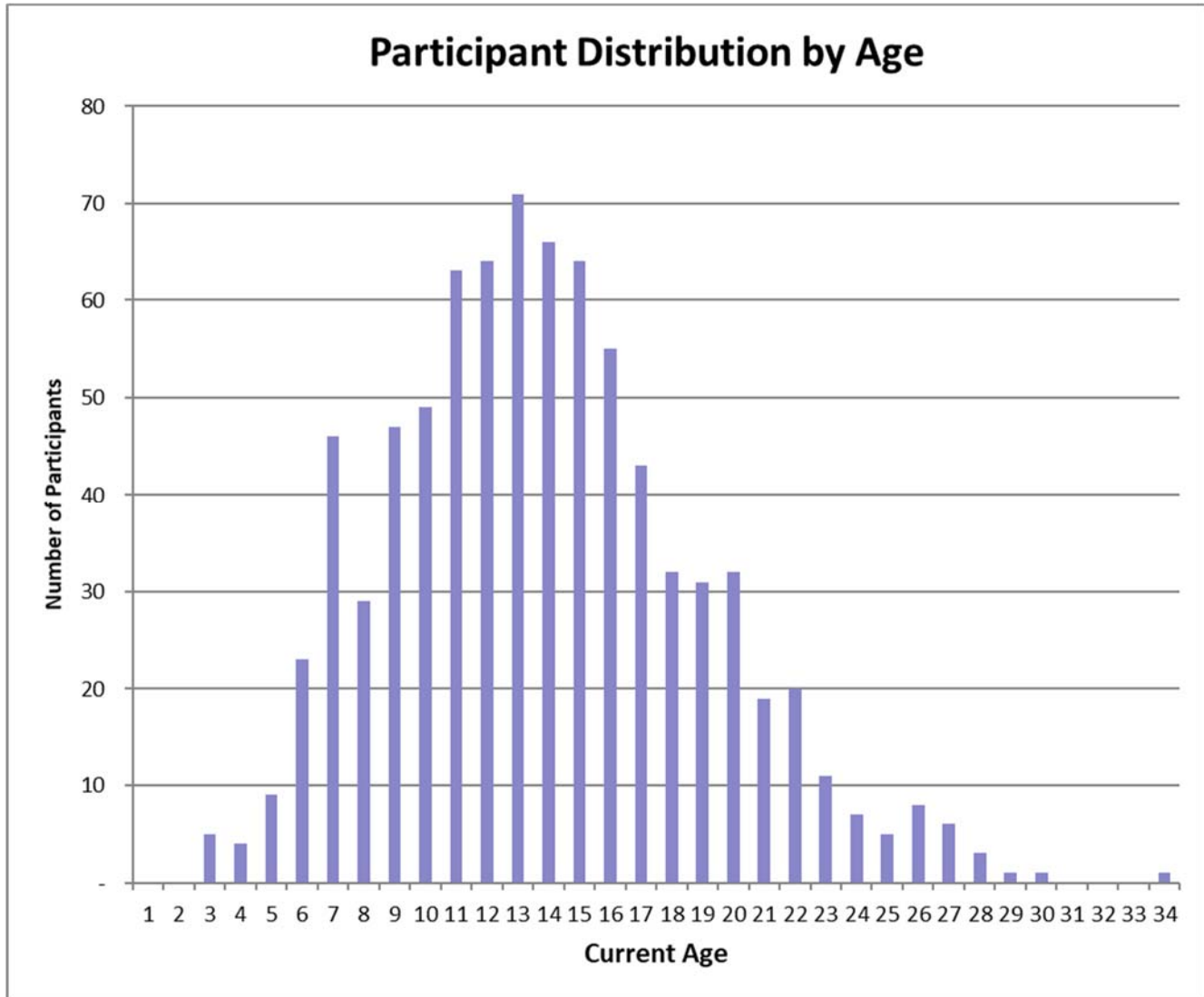


Chart 5: Age Distribution of Fund Participants

Due to the low number of Fund participant deaths (2.0% 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. The resulting selected severities are shown on Exhibit 6, page 2.

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, then further extended to December 31, 2021. For this analysis, we have been asked to assume that the increased rates will continue in perpetuity. 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.

At each fiscal year-end analysis starting with March 31, 2018, we adjust 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 815 living admitted Fund participants will ultimately receive benefit payments on the order of \$5.099 billion (including the \$268.7 million in benefits already paid and \$4.830 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 \$2.917 billion. See Exhibit 5, Pages 3 and 6 for more detail on these numbers.

Actual benefit payments in the second quarter of the 2021-22 fiscal year were \$13.375 million. This amount is \$4.519 million lower than expected at the prior quarterly analysis. Based on modeled severities and an expected 40.77 additional participants, expected benefit payments in the remaining two quarters of the 2021-22 fiscal year are \$36.506 million. Estimated total benefit payments for the

2021-22 fiscal year (4/1/21 – 3/31/22) are therefore \$65.505 million. See Exhibit 3 for more detail regarding these numbers. It is important to recognize that these amounts can vary significantly each quarter. 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, \$13.375 million was paid to Fund participants during the second quarter of the 2021-22 fiscal year (7/1/21 – 9/30/21). These payments are \$4.519 million lower than the expected benefit payments as of the June 30, 2021 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”<sup>5</sup> 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 disability<sup>6</sup>. 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 20% of the Fund’s participants and 29% 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 lifetime utilization, particularly as the legislative changes may have impacted Fund utilization. Pinnacle continues to believe additional data will be needed to perform this type of analysis in the future. To date, we have developed and maintain detailed benefit payment information by participant, diagnosis,

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<sup>5</sup> From [vabirthinjury.com/eligibility-benefits-claims](http://vabirthinjury.com/eligibility-benefits-claims)

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



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 9/30/21) grouped into the following categories:

- 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.

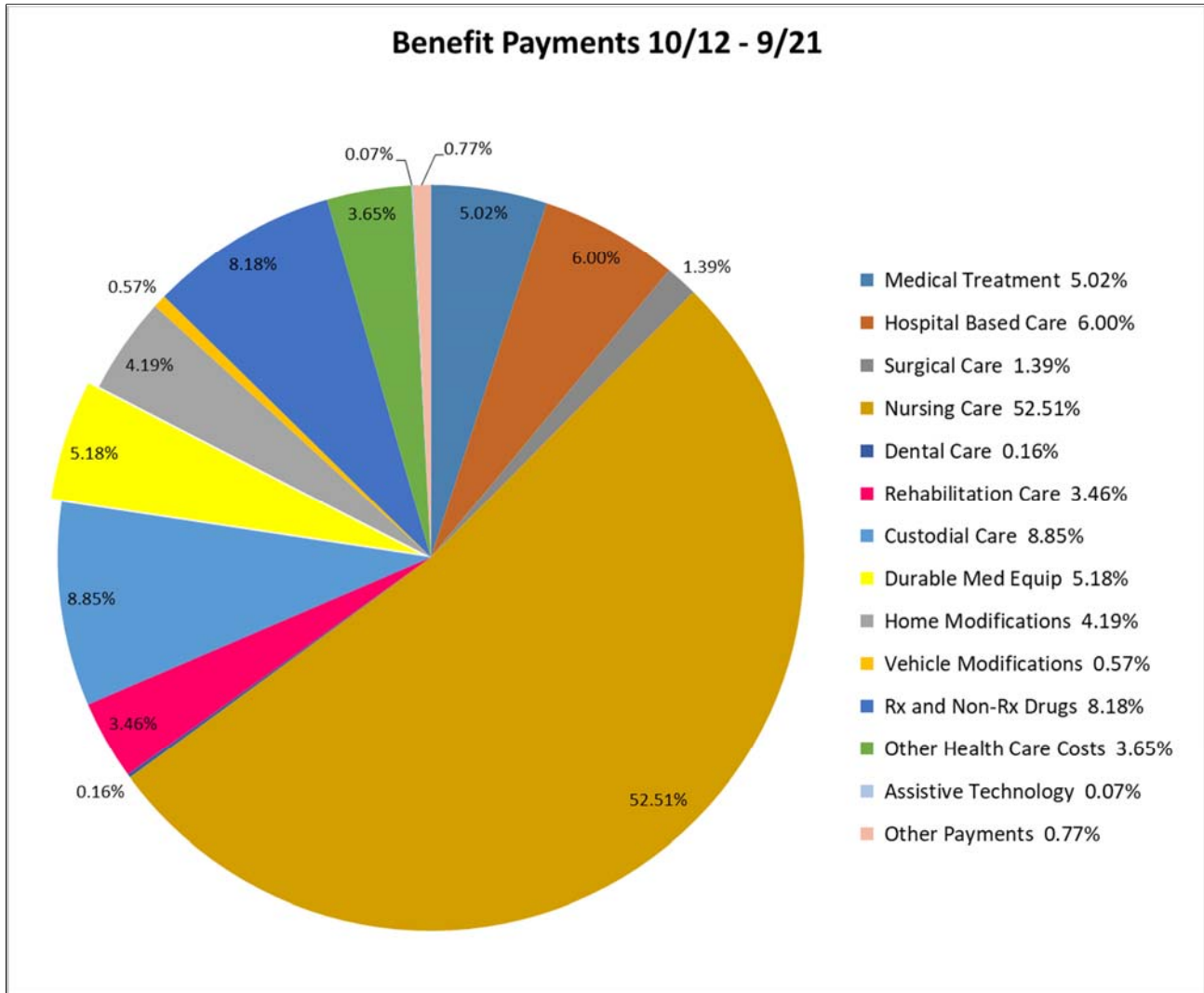


Chart 6: Benefit Payments by Category

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 78.3% is due primarily 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 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 50% of total participants and 74% of total benefit payments.

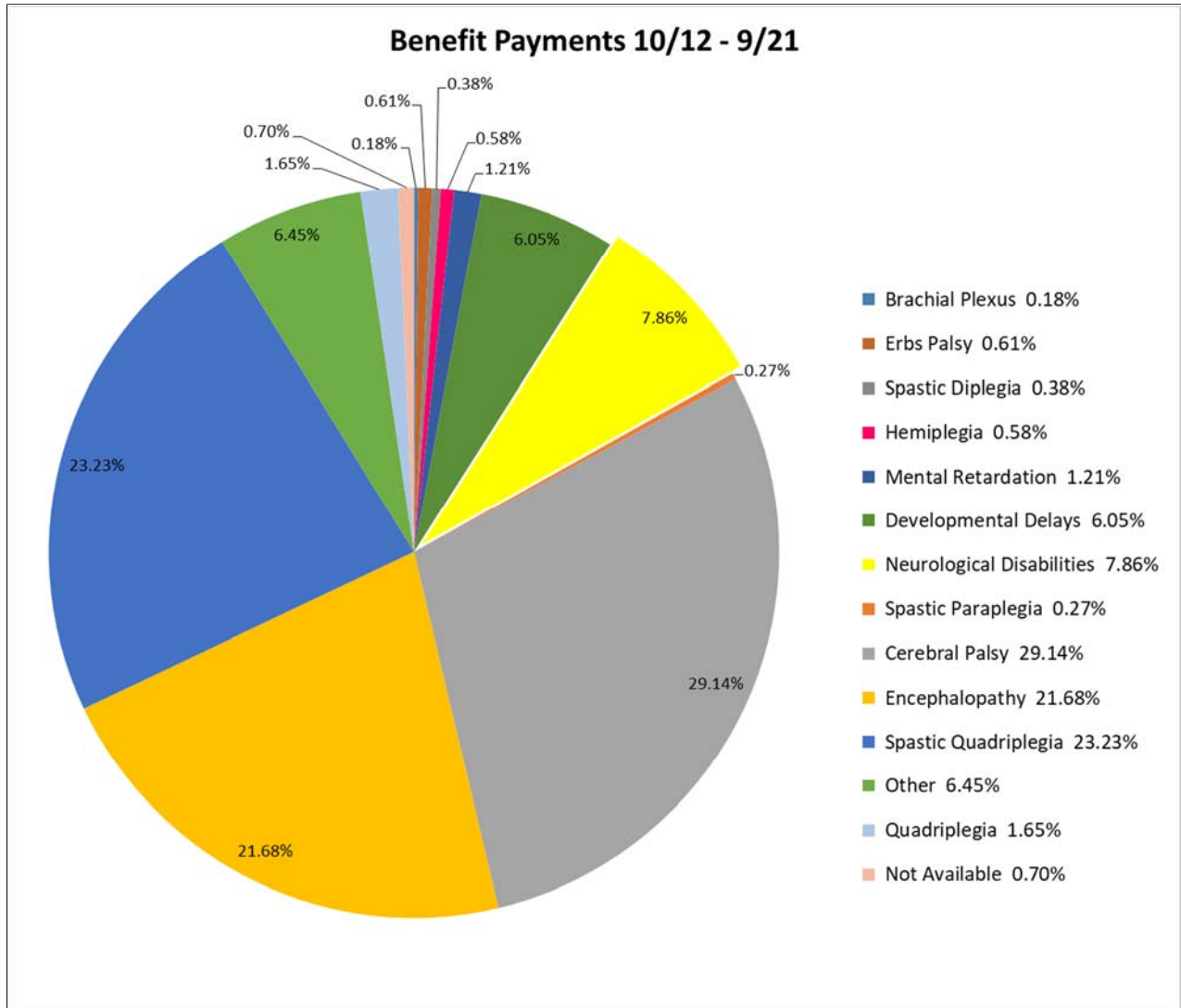


Chart 7: Benefit Payments by Injury Type

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.

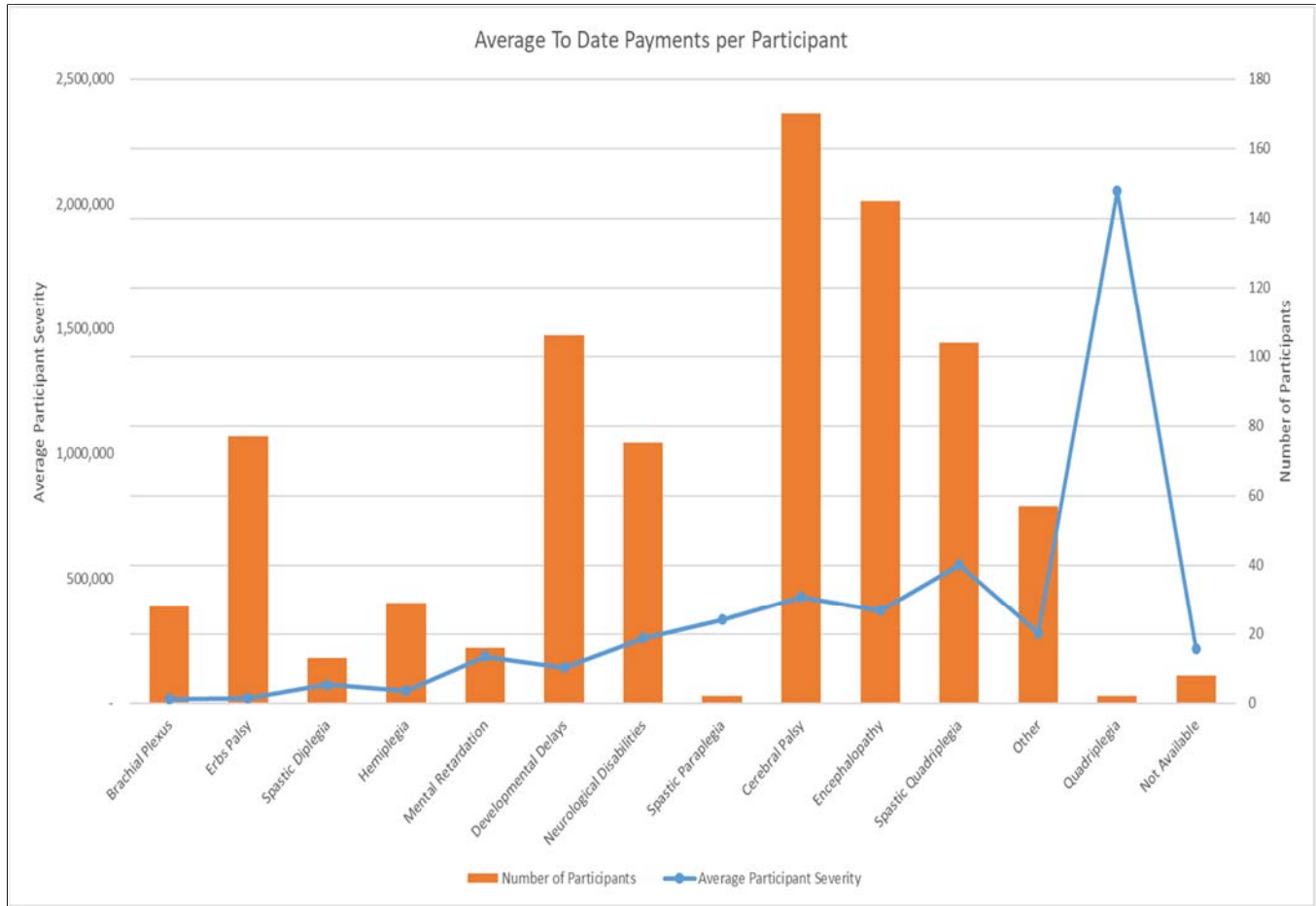


Chart 8: Average To Date Payments per Participant

Participants with injury types of Cerebral Palsy, Encephalopathy or Spastic Quadriplegia comprise approximately 50% 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, accounting for only 9% of total payments while comprising approximately 32% of the total participants. 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 through the end of calendar year 2020:

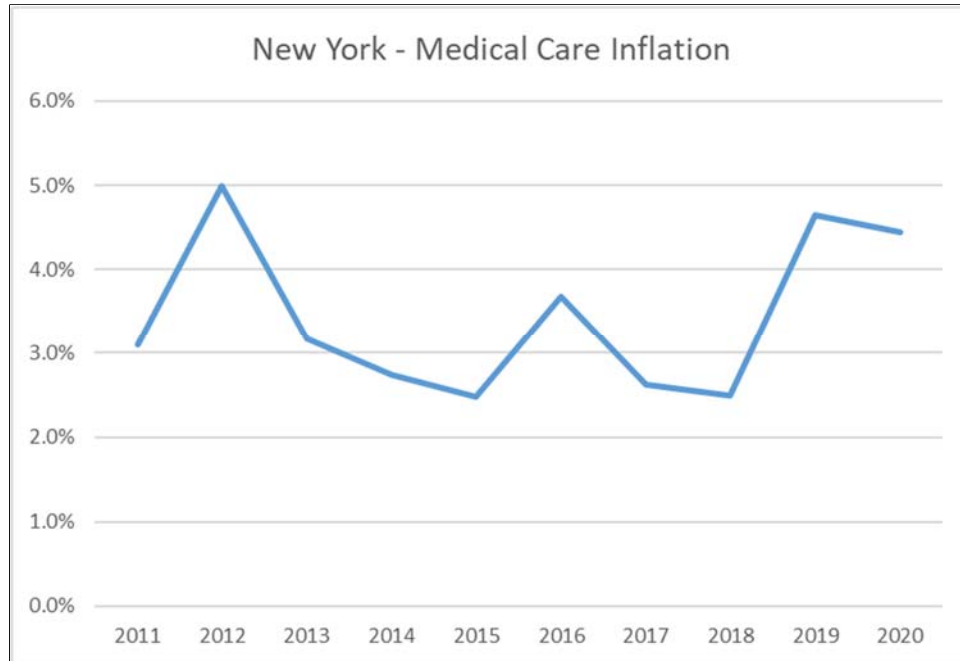


Chart 9: Medical Care Inflation in the State of New York

Average inflation over the past five years is 3.6%. 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%	(2,391,173.4)	333,556.6
	3.0%	(2,724,729.9)	-
	3.5%	(3,120,926.3)	(396,196.3)
At 2.5% discount	3.5%	(2,751,414.8)	(26,684.9)

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.

Prior to these changes in claims administration, Alicare was charging the Fund \$809 per Fund participant per month. Under the current payment structure, the total administrative costs were initially estimated at approximately \$653 per Fund participant per month (see Exhibit 8 for current cost estimates). This cost is set to continue decreasing over the next few years as the addition of new participants will reduce the fixed cost per member. We were also provided with current and projected administrative expenses for the Department that are allocated to the Fund. Estimated future administrative expenses (including expenses attributable to the Department) comprise approximately 10% of expected future benefit payments on a nominal basis; this is expected to remain relatively stable over the next ten years. In Virginia, future expenses are close 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, 2021), we estimated \$7.653 million in total administrative expenses during the upcoming 2021-2022 fiscal year (see Exhibit 2, Page 1 of our report for 2021 Q1). This number was based on expected, not actual, participant counts. We annually compare expected administrative expenses to actual administrative expenses as a check on our estimates. Going forward, we will continue to project estimated future expenses due to the DOH.

### **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 about 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	1,565.25	77,964,082	49,809
Without Insurance	2,589.25	172,101,169	66,468

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

### Investment Earnings

The Fund earned \$1,049,303 of investment income during the period from 4/1/20 through 3/31/21. Over that period, we estimate the Fund’s average balance to be \$210,932,916, indicating a 0.5% investment return on the Fund balance. During the prior period (from 4/1/19 through 3/31/20), we estimated an average 2.1% investment return on the Fund’s investments (see our report as of 3/31/2020). 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%	(3,104,667.6)	(379,937.7)
	2.0%	(2,724,729.9)	-
	2.5%	(2,419,596.5)	305,133.4
At 3.5% inflation	2.5%	(2,751,414.8)	(26,684.9)

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 NYS DOH. Further distribution of this report is controlled by Pinnacle's contract with the NYS 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 prior fiscal year-end report at March 31, 2021, 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.

A substantial source of uncertainty relates to the emergence of the COVID-19 pandemic in early 2020. This uncertainty could impact the estimation of future payments in several different ways including changes associated with ongoing medical care of current participants due to the virus and administrative changes in response to the virus. At this point, it is not possible to reliably forecast these

impacts. The COVID-19 pandemic may have a material impact on our estimates of future payments as its effects emerge.

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. Sudden unforeseen events such as the COVID-19 pandemic can have significant impact on investment yields, the timing of benefit payments and the Fund's financial results. The inherent risks of discounting are increased at this time.

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

<b><i>Exhibit</i></b>	<b><i>Description</i></b>
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 September 30, 2021**  
**Fund Payments by Benefit Category**

Exhibit 1

Page 1

Benefit Category	2021Q3	2021Q2	FY 20/21	FY 19/20	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	647,718	535,802	2,921,174	2,713,732	2,080,094	1,723,663	1,111,413	868,110	573,589	263,209	35,184	13,473,689	5.02%		
Hospital Based Care	1,384,816	878,558	2,141,091	1,538,233	1,536,112	2,612,112	1,885,043	2,092,358	1,673,039	300,325	42,922	16,084,609	6.00%	Hospital/Physician	1.38%
Surgical Care	410,571	109,338	1,415,795	702,101	467,854	244,859	113,032	146,685	101,149	18,896	2,190	3,732,471	1.39%		
Nursing Care	4,710,534	8,273,049	38,232,946	26,034,310	20,018,097	15,456,991	10,627,012	8,153,130	6,438,280	2,345,151	552,120	140,841,622	52.51%	Nursing	66.09%
Dental Care	20,719	16,582	81,542	55,534	53,254	65,950	43,620	43,956	28,510	8,619	586	418,872	0.16%		
Rehabilitation Care	553,286	748,227	1,483,972	1,484,865	1,095,576	1,032,868	1,135,719	995,410	630,482	62,821	60,191	9,283,417	3.46%	Physical Therapy	2.58%
Custodial Care	2,208,590	2,053,489	8,142,592	4,515,716	2,980,583	2,143,798	1,131,480	485,434	69,581	9,248	-	23,740,511	8.85%		
Durable Med Equip	449,769	744,493	3,343,217	2,499,628	2,255,354	1,788,009	945,751	880,138	533,009	416,785	42,169	13,898,322	5.18%	Medical Equipment	1.73%
Home Modifications	181,902	76,671	2,022,942	2,238,494	2,090,972	1,743,688	1,208,614	674,666	700,673	292,218	6,110	11,236,949	4.19%	Housing	9.61%
Vehicle Modifications	28,867	38,985	272,913	109,925	111,415	334,887	249,284	153,585	180,606	37,247	-	1,517,713	0.57%	Vans	4.73%
Prescription and Non-Prescriptive Drugs	1,338,604	803,848	4,205,375	4,367,122	2,901,653	2,900,007	2,537,792	1,669,450	872,352	281,662	65,176	21,943,043	8.18%	Prescription Drugs	1.41%
Other Health Care Costs	1,008,053	1,075,943	3,234,472	1,985,409	1,662,641	693,265	46,590	38,122	43,311	12,976	360	9,801,144	3.65%	All Other	12.48%
Assistive Technology	-	661	60,785	44,567	76,132	616	500	1,244	-	-	-	184,506	0.07%		
Other Payments	431,797	269,105	641,612	372,140	173,062	83,211	64,014	14,022	7,404	(4)	8	2,056,372	0.77%		
<b>Total</b>	<b>13,375,226</b>	<b>15,624,754</b>	<b>68,200,430</b>	<b>48,661,777</b>	<b>37,502,799</b>	<b>30,823,926</b>	<b>21,099,865</b>	<b>16,216,310</b>	<b>11,851,988</b>	<b>4,049,151</b>	<b>807,015</b>	<b>268,213,241</b>	<b>100.00%</b>		

**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 September 30, 2021**  
**Fund Payments by Injury Category**

Injury Category	2021Q3	2021Q2	FY 20/21	FY 19/20	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	23,678	19,425	202,212	88,797	50,167	43,110	10,549	11,927	8,466	2,687	-	461,018	0.18%	28	3.37%	16,465	626	2,946
Erbs Palsy	101,365	215,879	598,788	242,763	172,564	95,773	32,885	34,007	25,640	3,617	-	1,523,280	0.61%	77	9.25%	19,783	1,239	4,918
Spastic Diplegia	68,286	38,290	309,863	138,269	112,766	113,869	58,214	65,865	53,702	-	-	959,125	0.38%	13	1.56%	73,779	255	15,045
Hemiplegia	159,843	230,989	426,205	196,484	148,477	67,331	86,939	18,250	52,271	53,464	4,331	1,444,581	0.58%	29	3.49%	49,813	534	10,821
Mental Retardation	67,932	76,605	399,557	401,450	312,398	576,004	433,236	514,888	176,580	32,714	14,964	3,006,329	1.21%	16	1.92%	187,896	437	27,518
Developmental Delays	796,840	906,054	3,818,887	2,546,704	1,887,943	1,507,988	1,251,998	1,265,010	949,237	152,790	389	15,083,840	6.05%	106	12.74%	142,300	2,009	30,033
Neurological Disabilities	881,875	924,433	4,007,030	3,157,064	3,837,485	3,097,854	1,788,924	1,130,909	571,830	169,875	17,260	19,584,538	7.86%	75	9.01%	261,127	1,594	49,146
Spastic Paraplegia	37,935	20,468	189,435	107,519	125,554	71,800	21,081	39,287	57,729	-	-	670,806	0.27%	2	0.24%	335,403	49	54,760
Cerebral Palsy	4,108,938	4,051,993	17,303,105	14,161,037	10,472,684	8,018,968	5,909,418	4,116,581	3,052,208	1,227,845	212,024	72,634,801	29.14%	170	20.43%	427,264	3,695	78,630
Encephalopathy	1,883,195	3,158,029	11,953,575	10,069,671	8,174,506	6,400,545	4,109,928	3,785,684	3,244,944	1,055,853	209,787	54,045,718	21.68%	145	17.43%	372,729	3,006	71,917
Spastic Quadriplegia	2,979,074	3,321,656	18,301,399	10,235,886	7,496,311	5,917,532	3,839,667	2,999,106	2,096,547	675,214	45,764	57,908,157	23.23%	104	12.50%	556,809	1,879	123,274
Other	732,561	1,669,764	5,294,860	2,356,342	1,357,326	1,699,827	892,244	640,451	707,892	492,737	233,864	16,077,869	6.45%	57	6.85%	282,068	965	66,644
Quadriplegia	238,005	259,511	1,189,179	746,728	452,194	493,110	327,236	272,060	127,694	-	-	4,105,718	1.65%	2	0.24%	2,052,859	51	322,017
Not Available	22,964	25,364	314,029	150,218	214,621	277,318	351,832	128,354	149,457	46,031	68,632	1,748,820	0.70%	8	0.96%	218,602	279	25,073
<b>Total</b>	<b>12,102,492</b>	<b>14,918,460</b>	<b>64,308,125</b>	<b>44,598,930</b>	<b>34,814,996</b>	<b>28,381,030</b>	<b>19,114,151</b>	<b>15,022,378</b>	<b>11,274,197</b>	<b>3,912,827</b>	<b>807,015</b>	<b>249,254,600</b>		<b>832</b>	<b>100.00%</b>	<b>299,585</b>	<b>16,618</b>	<b>59,996</b>

**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**  
**Quarterly Analysis of New York Medical Indemnity Fund**  
**Future Fund Balances by Fiscal Year (000s) as of September 30, 2021**  
**With 2.00% Discount**

**BALANCE SHEET**

	Projections as of Fiscal Year-End										
	At 9/30/2021	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
<b>Assets</b>											
Fund Balance	195,429.6	158,628.9	126,218.7	84,884.2	39,898.4	(5,672.7)	(51,893.7)	(98,799.6)	(146,444.3)	(194,740.0)	(244,077.6)
<b>Liabilities</b>											
Future Benefits for Current Participants	2,647,951.0	2,767,349.0	3,039,592.8	3,318,701.2	3,295,659.3	3,272,479.4	3,249,100.6	3,225,487.8	3,201,590.4	3,177,495.9	3,152,822.8
Future Administrative Expenses - PCG	226,840.4	246,195.6	271,715.0	297,468.5	295,652.4	293,778.0	291,844.5	289,850.9	287,796.7	285,681.0	283,502.3
Future Administrative Expenses - DOH/Treasury	45,368.1	49,239.1	54,343.0	59,493.7	59,130.5	58,755.6	58,368.9	57,970.2	57,559.3	57,136.2	56,700.5
<b>Surplus/(Unfunded Liability)</b>	<b>(2,724,729.9)</b>	<b>(2,904,154.9)</b>	<b>(3,239,432.1)</b>	<b>(3,590,779.2)</b>	<b>(3,610,543.7)</b>	<b>(3,630,685.7)</b>	<b>(3,651,207.7)</b>	<b>(3,672,108.5)</b>	<b>(3,693,390.8)</b>	<b>(3,715,053.1)</b>	<b>(3,737,103.2)</b>

**INCOME STATEMENT**

	At 9/30/2021	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Initial Fund Balance		195,429.6	158,628.9	126,218.7	84,884.2	39,898.4	(5,672.7)	(51,893.7)	(98,799.6)	(146,444.3)	(194,740.0)
Annual Funding			52,000.0	52,000.0	52,000.0	52,000.0	52,000.0	52,000.0	52,000.0	52,000.0	52,000.0
Investment Income @ 2.00%		3,505.5	2,305.4	1,575.3	720.6	(176.0)	(1,084.8)	(2,006.9)	(2,943.0)	(3,892.9)	(4,859.6)
Benefit Payments		36,505.5	78,808.8	86,311.8	88,753.1	88,431.6	88,169.8	87,937.2	87,751.8	87,472.0	87,569.8
Administrative Expenses - PCG		3,086.8	6,464.5	7,141.3	7,482.1	7,477.6	7,465.5	7,446.0	7,418.9	7,384.5	7,346.5
Administrative Expenses - DOH/Treasury		714.0	1,442.3	1,456.7	1,471.2	1,486.0	1,500.8	1,515.8	1,531.0	1,546.3	1,561.8
Final Fund Balance	195,429.6	158,628.9	126,218.7	84,884.2	39,898.4	(5,672.7)	(51,893.7)	(98,799.6)	(146,444.3)	(194,740.0)	(244,077.6)
Change in Fund Balance		(36,800.8)	(32,410.1)	(41,334.5)	(44,985.8)	(45,571.1)	(46,221.0)	(46,905.9)	(47,644.7)	(48,295.7)	(49,337.6)
Coming Year Liabilities as % of Fund Assets		44.4%	75.2%	<b>115.1%</b>	244.1%	-1712.3%	-186.7%	-97.9%	-65.8%	-49.5%	
<b>Number of Participants</b>											
Initial		815	850	934	1,017	1,007	996	984	971	958	943
Expected New		41	91	91	-	-	-	-	-	-	-
Expected Deceased		6	7	8	10	11	12	13	14	14	14
Final	815	850	934	1,017	1,007	996	984	971	958	943	929

**Notes**

Balance Sheet - Assets	Calculated in Income Statement
Balance Sheet - Liabilities	Future Benefits from Exhibit 5, Pages 4-6 discounted to current evaluation
Balance Sheet - Surplus	Future Expenses based on current administrative costs = Assets - Liabilities
Income Statement - Initial Fund Balance	= Final Fund Balance of prior period
Income Statement - Annual Funding	Provided by MIF
Income Statement - Investment Income	Calculated based on 2.0% assumed investment return and assuming average date of benefit and expense payments is the middle of the fiscal period
Income Statement - Benefit Payments	From Exhibit 5, Pages 1-3
Income Statement - Admin Expenses	Calculated based on current and projected participant counts and administrative expense contracts provided by MIF
Income Statement - Final Fund Balance	= Initial Fund Balance + Annual Funding + Investment Income - Benefit Payments - Administrative Expenses
Income Statement - Change in Fund Balance	= Final Fund Balance - Initial Fund Balance
Income Statement - Coming Year Liabilities %	= (Benefit Payments + Administrative Expenses) / Initial Fund Balance
Number of Participants	Initial from Exhibit 7 Expected New from Exhibit 3 Expected Deceased based on assumed increasing rate of deaths for current participants, up to 1.5% Final = Initial + Expected New - Expected Deceased



**New York State Department of Health**  
**Quarterly Analysis of New York Medical Indemnity Fund**  
**Future Fund Balances by Fiscal Year (000s) as of September 30, 2021**  
**Undiscounted**

**BALANCE SHEET**

	Projections as of Fiscal Year-End										
	At 9/30/2021	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
<b>Assets</b>											
Fund Balance	195,429.6	155,123.3	120,407.8	77,498.0	31,791.6	(13,603.6)	(58,739.8)	(103,638.8)	(148,340.5)	(192,743.3)	(237,221.3)
<b>Liabilities</b>											
Future Benefits for Current Participants	4,830,262.3	5,037,720.9	5,513,450.3	5,998,484.3	5,909,731.2	5,821,299.7	5,733,129.8	5,645,192.6	5,557,440.8	5,469,968.8	5,382,399.0
Future Administrative Expenses - PCG	419,213.8	455,001.6	500,667.0	546,443.2	538,754.2	531,043.5	523,311.3	515,558.1	507,784.2	499,990.1	492,175.6
Future Administrative Expenses - DOH/Treasury	83,842.8	91,000.3	100,133.4	109,288.6	107,750.8	106,208.7	104,662.3	103,111.6	101,556.8	99,998.0	98,435.1
<b>Surplus/(Unfunded Liability)</b>	<b>(5,137,889.2)</b>	<b>(5,428,599.4)</b>	<b>(5,993,842.9)</b>	<b>(6,576,718.2)</b>	<b>(6,524,444.7)</b>	<b>(6,472,155.5)</b>	<b>(6,419,843.2)</b>	<b>(6,367,501.1)</b>	<b>(6,315,122.34)</b>	<b>(6,262,700.14)</b>	<b>(6,210,230.98)</b>

**INCOME STATEMENT**

	At 9/30/2021	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Initial Fund Balance		195,429.6	155,123.3	120,407.8	77,498.0	31,791.6	(13,603.6)	(58,739.8)	(103,638.8)	(148,340.5)	(192,743.3)
Annual Funding			52,000.0	52,000.0	52,000.0	52,000.0	52,000.0	52,000.0	52,000.0	52,000.0	52,000.0
Benefit Payments		36,505.5	78,808.8	86,311.8	88,753.1	88,431.6	88,169.8	87,937.2	87,751.8	87,472.0	87,569.8
Administrative Expenses - PCG		3,086.8	6,464.5	7,141.3	7,482.1	7,477.6	7,465.5	7,446.0	7,418.9	7,384.5	7,346.5
Administrative Expenses - DOH/Treasury		714.0	1,442.3	1,456.7	1,471.2	1,486.0	1,500.8	1,515.8	1,531.0	1,546.3	1,561.8
Final Fund Balance	195,429.6	155,123.3	120,407.8	77,498.0	31,791.6	(13,603.6)	(58,739.8)	(103,638.8)	(148,340.5)	(192,743.3)	(237,221.3)
Change in Fund Balance		(40,306.3)	(34,715.5)	(42,909.8)	(45,706.4)	(45,395.1)	(45,136.2)	(44,899.0)	(44,701.7)	(44,402.7)	(44,478.0)
Coming Year Liabilities as % of Fund Assets		44.4%	78.8%	<b>126.1%</b>	306.4%	-714.0%	-165.0%	-93.3%	-65.0%	-50.1%	
<b>Number of Participants</b>											
Initial		815	850	934	1,017	1,007	996	984	971	958	943
Expected New		41	91	91	-	-	-	-	-	-	-
Expected Deceased		6	7	8	10	11	12	13	14	14	14
Final	815	850	934	1,017	1,007	996	984	971	958	943	929

**Notes**

Balance Sheet - Assets	Calculated in Income Statement
Balance Sheet - Liabilities	Future Benefits from Exhibit 5, Pages 1-3 discounted to current evaluation
	Future Expenses based on current administrative costs
Balance Sheet - Surplus	= Assets - Liabilities
Income Statement - Initial Fund Balance	= Final Fund Balance of prior period
Income Statement - Annual Funding	Provided by MIF
Income Statement - Benefit Payments	From Exhibit 5, Pages 1-3
Income Statement - Admin Expenses	Calculated based on current and projected participant counts and administrative expense contracts provided by MIF
Income Statement - Final Fund Balance	= Initial Fund Balance + Annual Funding - Benefit Payments - Administrative Expenses
Income Statement - Change in Fund Balance	= Final Fund Balance - Initial Fund Balance
Income Statement - Coming Year Liabilities %	= (Benefit Payments + Administrative Expenses) / Initial Fund Balance
Number of Participants	Initial from Exhibit 7
	Expected New from Exhibit 3
	Expected Deceased based on assumed increasing rate of deaths for current participants, up to 1.5%
	Final = Initial + Expected New - Expected Deceased

**New York State Department of Health**  
**Quarterly Analysis of New York Medical Indemnity Fund**  
**Actual vs. Expected Participant Counts & Benefit Payments**  
**As of September 30, 2021**

Exhibit 3

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
Fiscal 2019-20 Total	106.00	106.00	-	710.00	710.00	-	48,661,777	48,661,777	48,661,777	0
Fiscal 2020-21 Total	100.00	100.00	-	810.00	810.00	-	68,200,430	68,200,430	68,200,430	0
2nd Qtr 2021	10.00	27.18	17.18	820.00	837.18	17.18	15,624,754	15,624,754	15,624,754	0
3rd Qtr 2021	12.00	22.65	10.65	832.00	859.82	27.82	13,375,226	13,374,826	17,893,768	-4,518,942
4th Qtr 2021	-	22.65	-	-	882.47	-	0	18,073,128	18,297,514	-224,386
1st Qtr 2022	-	18.12	-	-	900.59	-	0	18,432,408	18,658,448	-226,040
Fiscal 2021-22 Total to Date	22.00	49.82	27.82	832.00	859.82	27.82	28,999,981	28,999,581	33,518,522	-4,969,368
Fiscal 2022-23 Total		91.01	-	-	950.84	-				
Fiscal 2023-24 Total*		91.48	-	-	1,042.32	-				
Fiscal 2024-25 Total			-	-	1,042.32	-				
Fiscal 2025-26 Total			-	-	1,042.32	-				
Fiscal 2026-27 Total			-	-	1,042.32	-				
Fiscal 2027-28 Total			-	-	1,042.32	-				
Fiscal 2028-29 Total			-	-	1,042.32	-				
Fiscal 2029-30 Total			-	-	1,042.32	-				
Fiscal 2030-31 Total			-	-	1,042.32	-				

**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) (4b) - (4c)
- \* Asset to liability ratio over 80% expected at fiscal year-end 2023-24 results in no future participants added

**New York State Department of Health**  
**Quarterly Analysis of New York Medical Indemnity Fund**  
**Average Payments per Participant by Admittance Quarter**  
**As of September 30, 2021**

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
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
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
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
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
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
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
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
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
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
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
2014Q2	22	1,407	6,032	9,338	10,468	15,263	10,108	15,926	12,743	12,380	14,865	11,576	12,061	21,174	10,947	9,363
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
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
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
2015Q2	30	4,568	13,424	14,507	11,767	13,675	17,448	12,724	22,063	20,605	15,332	15,206	27,515	18,312	26,360	36,149
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
2015Q4	19	202	5,373	4,799	9,054	16,912	11,111	13,282	9,511	7,676	14,857	16,684	16,148	25,200	17,934	10,439
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
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	9,098
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	20,672	19,503
2017Q1	19	-	6,444	9,167	24,862	12,653	17,038	10,317	12,334	7,910	12,886	12,185	13,175	19,722	25,905	19,212
2017Q2	28	340	5,987	6,603	13,511	11,404	15,585	10,178	12,831	12,465	13,189	13,957	12,754	12,859	10,904	27,123
2017Q3	17	44	1,820	5,189	10,466	10,661	14,347	15,226	35,539	18,346	27,656	28,191	13,047	12,165	21,764	16,740
2017Q4	11	83	1,217	24,666	21,320	3,655	72,019	22,907	6,483	15,885	18,603	44,915	16,958	50,303	20,639	14,402
2018Q1	15	-	114	5,951	11,837	12,153	7,283	27,057	27,999	20,090	9,729	15,231	33,760	42,010	22,049	14,754
2018Q2	15	-	1,768	5,748	7,862	12,327	24,376	17,287	24,406	11,241	11,487	18,033	15,886	13,336	10,289	
2018Q3	17	-	3,287	2,425	13,570	7,480	18,289	9,389	8,972	8,772	12,387	9,696	8,308	12,731		
2018Q4	20	-	358	12,740	18,775	21,730	42,739	15,231	26,599	23,712	30,646	20,959	17,029			
2019Q1	19	2	651	7,727	19,151	31,562	20,779	25,742	30,257	25,912	19,320	16,434				
2019Q2	25	-	1,228	8,634	8,176	29,107	14,428	29,744	14,859	16,269	16,950					
2019Q3	10	-	3,903	9,446	5,747	6,700	18,287	12,251	7,036	8,026						
2019Q4	41	171	8,362	12,315	26,403	49,709	29,162	22,706	19,278							
2020Q1	30	139	1,576	4,992	15,034	23,997	10,584	13,026								
2020Q2	23	-	9,524	18,246	21,819	20,149	17,004									
2020Q3	13	14	838	9,348	16,106	18,934										
2020Q4	33	7	6,396	7,576	7,778											
2021Q1	30	-	633	2,673												
2021Q2	10	-	1,136													
2021Q3	12	-														
Total	815															

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 September 30, 2021**

Admittance Quarter	Living Participants	Incremental Severity per Participant by Participation Quarter														
		Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30
2011Q4	11	9,878	4,680	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
2012Q1	11	4,323	732	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
2012Q2	15	21,532	25,875	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
2012Q3	25	10,248	12,872	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	30,901	23,856	27,316	46,825	40,156	20,090	40,543	20,434	45,752	50,732	35,330	51,431	36,757	50,842	40,847
2013Q1	5	22,185	26,411	31,833	35,052	26,082	32,230	44,378	20,788	36,876	43,227	56,146	37,003	43,935	33,745	38,591
2013Q2	30	6,376	9,517	8,214	4,678	12,809	8,178	9,627	6,925	17,208	16,538	21,244	29,727	31,855	19,302	28,884
2013Q3	26	12,529	5,000	8,989	5,455	4,491	6,246	12,642	5,386	8,352	6,414	6,450	7,937	6,023	6,746	9,633
2013Q4	8	9,399	11,548	11,407	13,560	6,748	15,107	7,601	10,755	12,051	14,876	22,398	65,497	13,102	21,881	25,001
2014Q1	17	24,963	27,121	16,497	25,539	44,600	19,930	14,739	29,049	22,389	25,496	16,386	17,997	19,333	20,171	14,937
2014Q2	22	16,725	10,172	14,233	19,385	19,243	18,166	15,879	20,755	10,045	9,113	18,398	22,572	10,903	8,827	8,216
2014Q3	20	8,734	19,460	23,341	24,812	22,963	24,914	26,748	30,849	24,177	53,940	46,634	66,205	62,847	77,256	
2014Q4	19	18,281	24,343	13,139	15,768	24,100	23,237	24,247	18,724	22,017	28,772	23,554	27,647	24,629		
2015Q1	26	15,669	11,417	14,305	17,001	21,162	16,697	19,957	13,729	23,277	17,625	16,069	12,816			
2015Q2	30	27,146	23,256	26,760	21,811	22,835	30,777	21,527	43,422	28,861	38,798	15,742				
2015Q3	16	27,850	20,086	16,124	17,035	14,880	14,727	27,130	23,006	27,370	16,032					
2015Q4	19	16,174	21,567	27,916	40,502	31,162	22,106	26,800	16,515	11,732						
2016Q1	18	15,745	21,455	14,937	9,958	24,106	12,968	15,511	14,044							
2016Q2	35	33,883	13,514	27,744	29,881	18,511	21,460	16,112								
2016Q3	22	8,331	10,790	38,179	8,601	28,369	4,720									
2016Q4	14	21,889	39,067	47,622	25,994	25,070										
2017Q1	19	28,025	20,715	16,880	15,425											
2017Q2	28	13,047	16,761	6,186												
2017Q3	17	10,619	12,493													
2017Q4	11	7,444														
2018Q1	15															
2018Q2	15															
2018Q3	17															
2018Q4	20															
2019Q1	19															
2019Q2	25															
2019Q3	10															
2019Q4	41															
2020Q1	30															
2020Q2	23															
2020Q3	13															
2020Q4	33															
2021Q1	30															
2021Q2	10															
2021Q3	12															
Total	815															

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 September 30, 2021**

Admittance Quarter	Living Participants	Incremental Severity per Participant by Participation Quarter									
		Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40
2011Q4	11	13,186	15,755	11,691	10,597	9,346	9,697	15,117	9,901	10,011	10,953
2012Q1	11	3,162	3,392	4,164	3,893	4,372	6,542	3,811	5,258	3,065	
2012Q2	15	42,774	36,619	32,550	50,227	73,951	103,146	32,802	39,448		
2012Q3	25	12,993	10,302	7,601	16,458	13,140	16,600	10,739			
2012Q4	38	45,773	41,095	62,537	60,514	37,554	33,108				
2013Q1	5	38,479	41,328	49,006	41,734	51,689					
2013Q2	30	29,912	41,482	23,840	16,005						
2013Q3	26	6,756	6,083	7,183							
2013Q4	8	25,502	51,403								
2014Q1	17	19,968									
2014Q2	22										
2014Q3	20										
2014Q4	19										
2015Q1	26										
2015Q2	30										
2015Q3	16										
2015Q4	19										
2016Q1	18										
2016Q2	35										
2016Q3	22										
2016Q4	14										
2017Q1	19										
2017Q2	28										
2017Q3	17										
2017Q4	11										
2018Q1	15										
2018Q2	15										
2018Q3	17										
2018Q4	20										
2019Q1	19										
2019Q2	25										
2019Q3	10										
2019Q4	41										
2020Q1	30										
2020Q2	23										
2020Q3	13										
2020Q4	33										
2021Q1	30										
2021Q2	10										
2021Q3	12										
Total	815										

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 September 30, 2021**

Admittance Quarter	Living Participants	Cumulative Severity by Fund Participation Quarter														
		Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30
2011Q4	11	77,380	82,060	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
2012Q1	11	37,502	38,234	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
2012Q2	15	289,033	314,908	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
2012Q3	25	139,466	152,339	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	339,144	363,000	390,316	437,141	477,297	497,387	537,930	558,364	604,116	654,848	690,178	741,608	778,365	829,207	870,054
2013Q1	5	298,075	324,486	356,319	391,371	417,453	449,684	494,062	514,849	551,726	594,953	651,099	688,102	732,036	765,781	804,372
2013Q2	30	80,334	89,851	98,064	102,742	115,552	123,729	133,356	140,280	157,488	174,026	195,269	224,996	256,851	276,153	305,037
2013Q3	26	168,874	173,874	182,862	188,317	192,809	199,054	211,696	217,082	225,434	231,847	238,297	246,234	252,257	259,003	268,635
2013Q4	8	126,024	137,572	148,979	162,539	169,287	184,394	191,995	202,749	214,800	229,676	252,075	317,572	330,674	352,555	377,556
2014Q1	17	263,437	290,558	307,055	332,594	377,194	397,124	411,863	440,912	463,301	488,797	505,183	523,180	542,514	562,684	577,622
2014Q2	22	190,375	200,547	214,780	234,164	253,407	271,573	287,453	308,208	318,253	327,366	345,764	368,336	379,239	388,066	396,283
2014Q3	20	275,576	295,036	318,377	343,189	366,152	391,066	417,815	448,663	472,841	526,780	573,415	639,620	702,467	779,723	
2014Q4	19	196,878	221,221	234,360	250,128	274,228	297,465	321,712	340,437	362,453	391,225	414,779	442,426	467,056		
2015Q1	26	165,688	177,105	191,410	208,411	229,573	246,270	266,227	279,955	303,232	320,857	336,925	349,742			
2015Q2	30	296,802	320,058	346,818	368,629	391,463	422,241	443,768	487,190	516,051	554,849	570,591				
2015Q3	16	181,638	201,724	217,848	234,883	249,763	264,490	291,619	314,625	341,996	358,028					
2015Q4	19	195,356	216,923	244,840	285,342	316,504	338,610	365,410	381,924	393,657						
2016Q1	18	170,171	191,626	206,563	216,521	240,627	253,595	269,106	283,150							
2016Q2	35	227,229	240,743	268,488	298,368	316,879	338,339	354,450								
2016Q3	22	123,124	133,914	172,093	180,693	209,063	213,782									
2016Q4	14	264,763	303,830	351,452	377,446	402,516										
2017Q1	19	231,835	252,550	269,430	284,854											
2017Q2	28	192,737	209,498	215,684												
2017Q3	17	241,821	254,314													
2017Q4	11	341,498														
2018Q1	15															
2018Q2	15															
2018Q3	17															
2018Q4	20															
2019Q1	19															
2019Q2	25															
2019Q3	10															
2019Q4	41															
2020Q1	30															
2020Q2	23															
2020Q3	13															
2020Q4	33															
2021Q1	30															
2021Q2	10															
2021Q3	12															
Total	815															

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 September 30, 2021**

Admittance Quarter	Living Participants	Cumulative Severity by Fund Participation Quarter									
		Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40
2011Q4	11	193,802	209,557	221,249	231,846	241,191	250,888	266,005	275,906	285,917	296,870
2012Q1	11	167,601	170,994	175,158	179,051	183,423	189,965	193,776	199,034	202,099	
2012Q2	15	749,525	786,144	818,695	868,921	942,873	1,046,019	1,078,821	1,118,269		
2012Q3	25	347,058	357,361	364,962	381,419	394,560	411,160	421,899			
2012Q4	38	915,827	956,923	1,019,460	1,079,974	1,117,528	1,150,636				
2013Q1	5	842,851	884,179	933,185	974,919	1,026,607					
2013Q2	30	334,949	376,431	400,271	416,276						
2013Q3	26	275,391	281,474	288,657							
2013Q4	8	403,058	454,461								
2014Q1	17	597,590									
2014Q2	22										
2014Q3	20										
2014Q4	19										
2015Q1	26										
2015Q2	30										
2015Q3	16										
2015Q4	19										
2016Q1	18										
2016Q2	35										
2016Q3	22										
2016Q4	14										
2017Q1	19										
2017Q2	28										
2017Q3	17										
2017Q4	11										
2018Q1	15										
2018Q2	15										
2018Q3	17										
2018Q4	20										
2019Q1	19										
2019Q2	25										
2019Q3	10										
2019Q4	41										
2020Q1	30										
2020Q2	23										
2020Q3	13										
2020Q4	33										
2021Q1	30										
2021Q2	10										
2021Q3	12										
Total	815										

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 September 30, 2021**

Exhibit 4  
 Page 7

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
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
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
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
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
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
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
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
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
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
2014Q1	17	602	39,529	100,258	166,996	143,474	269,659	282,592	372,432	404,028	404,028	331,801	364,447	363,952	550,020	436,798
2014Q2	22	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
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
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
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
2015Q2	30	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
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
2015Q4	19	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
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
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	200,151
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	289,402	273,035
2017Q1	19	-	122,431	174,172	472,382	240,410	323,718	196,024	234,344	150,282	244,833	231,521	250,321	374,717	492,203	365,034
2017Q2	28	9,506	167,627	184,879	378,303	319,302	436,388	284,986	359,278	349,027	369,305	390,795	357,099	360,054	305,318	759,443
2017Q3	17	750	30,939	88,216	177,929	181,238	243,892	258,850	604,157	311,889	470,160	479,241	221,805	206,809	369,983	284,586
2017Q4	11	910	13,384	271,321	234,524	40,209	792,209	251,977	71,311	174,740	204,636	494,067	186,533	553,337	227,029	158,417
2018Q1	15	-	1,706	89,268	177,560	182,290	109,247	405,850	419,980	301,351	145,941	228,459	506,405	630,152	330,732	221,307
2018Q2	15	-	26,518	86,218	117,923	184,907	365,639	259,310	366,091	168,617	172,302	270,489	238,292	200,040	154,337	
2018Q3	17	-	55,875	41,230	230,697	127,167	310,909	159,618	152,516	149,118	210,587	164,840	141,240	216,420		
2018Q4	20	-	7,151	254,792	375,503	434,592	854,774	304,617	531,987	474,235	612,915	419,172	340,577			
2019Q1	19	43	12,364	146,822	363,869	599,678	394,806	489,103	574,887	492,328	367,079	312,244				
2019Q2	25	-	30,693	215,848	204,388	727,671	360,701	743,605	371,464	406,714	423,757					
2019Q3	10	-	39,033	94,459	57,469	66,998	182,868	122,514	70,356	80,255						
2019Q4	41	7,002	342,828	504,930	1,082,530	2,038,081	1,195,633	930,929	790,381							
2020Q1	30	4,181	47,286	149,758	451,034	719,898	317,532	390,780								
2020Q2	23	-	219,045	419,669	501,828	463,429	391,091									
2020Q3	13	187	10,897	121,519	209,374	246,141										
2020Q4	33	219	211,074	250,023	256,667											
2021Q1	30	-	18,984	80,191												
2021Q2	10	-	11,365													
2021Q3	12	-														
Total	815															

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 September 30, 2021**

Admittance Quarter	Living Participants	Incremental Benefits Paid by Fund Participation Quarter														
		Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30
2011Q4	11	108,661	51,481	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
2012Q1	11	47,555	8,050	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
2012Q2	15	322,973	388,125	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
2012Q3	25	256,203	321,808	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
2012Q4	38	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	1,342,537	1,954,365	1,396,773	1,931,997	1,552,175
2013Q1	5	110,923	132,056	159,165	175,258	130,412	161,152	221,890	103,938	184,382	216,135	280,731	185,013	219,674	168,724	192,955
2013Q2	30	191,285	285,507	246,411	140,344	384,275	245,332	288,796	207,737	516,227	496,133	637,311	891,812	955,645	579,065	866,508
2013Q3	26	325,761	129,991	233,702	141,831	116,773	162,384	328,688	140,031	217,140	166,754	167,698	206,360	156,590	175,392	250,455
2013Q4	8	75,194	92,384	91,257	108,478	53,984	120,859	60,805	86,037	96,409	119,008	179,187	523,978	104,815	175,052	200,006
2014Q1	17	424,367	461,052	280,450	434,155	758,208	338,804	250,559	493,832	380,612	433,439	278,562	305,956	328,667	342,901	253,936
2014Q2	22	367,940	223,774	313,120	426,463	423,346	399,652	349,347	456,615	220,993	200,477	404,766	496,582	239,873	194,196	180,758
2014Q3	20	174,676	389,194	466,826	496,231	459,264	498,283	534,967	616,974	483,546	1,078,794	932,685	1,324,100	1,256,948	1,545,115	
2014Q4	19	347,343	462,515	249,641	299,587	457,909	441,494	460,699	355,764	418,314	546,666	447,534	525,292	467,959		
2015Q1	26	407,394	296,841	371,925	442,027	550,201	434,119	518,889	356,943	605,197	458,241	417,782	333,219			
2015Q2	30	814,368	697,691	802,793	654,317	685,037	923,324	645,819	1,302,651	865,836	1,163,944	472,250				
2015Q3	16	445,606	321,371	257,980	272,563	238,079	235,634	434,073	368,098	437,927	256,516					
2015Q4	19	307,314	409,781	530,408	769,545	592,069	420,013	509,203	313,778	222,915						
2016Q1	18	283,418	386,185	268,874	179,249	433,906	233,420	279,199	252,797							
2016Q2	35	1,185,904	473,004	971,052	1,045,824	647,869	751,093	563,912								
2016Q3	22	183,271	237,380	839,939	189,215	624,122	103,833									
2016Q4	14	306,447	546,939	666,711	363,915	350,984										
2017Q1	19	532,474	393,579	320,718	293,068											
2017Q2	28	365,321	469,307	173,222												
2017Q3	17	180,520	212,375													
2017Q4	11	81,880														
2018Q1	15															
2018Q2	15															
2018Q3	17															
2018Q4	20															
2019Q1	19															
2019Q2	25															
2019Q3	10															
2019Q4	41															
2020Q1	30															
2020Q2	23															
2020Q3	13															
2020Q4	33															
2021Q1	30															
2021Q2	10															
2021Q3	12															
Total	815															

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 September 30, 2021**

Admittance Quarter	Living Participants	Incremental Benefits Paid by Fund Participation Quarter										Total
		Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	
2011Q4	11	145,051	173,303	128,606	116,570	102,802	106,664	166,283	108,914	110,122	120,478	3,265,566
2012Q1	11	34,779	37,316	45,809	42,822	48,093	71,961	41,919	57,838	33,711		2,223,086
2012Q2	15	641,614	549,281	488,256	753,403	1,109,272	1,547,197	492,030	591,717			16,774,038
2012Q3	25	324,832	257,553	190,033	411,439	328,509	415,001	268,473				10,547,468
2012Q4	38	1,739,388	1,561,621	2,376,410	2,299,549	1,427,044	1,258,104					43,724,174
2013Q1	5	192,394	206,641	245,028	208,669	258,443						5,133,036
2013Q2	30	897,368	1,244,458	715,186	480,148							12,488,271
2013Q3	26	175,649	158,155	186,748								7,505,073
2013Q4	8	204,015	411,228									3,635,692
2014Q1	17	339,463										10,159,032
2014Q2	22											8,718,219
2014Q3	20											15,594,455
2014Q4	19											8,874,060
2015Q1	26											9,093,282
2015Q2	30											17,117,722
2015Q3	16											5,728,451
2015Q4	19											7,479,477
2016Q1	18											5,096,704
2016Q2	35											12,405,764
2016Q3	22											4,703,211
2016Q4	14											5,635,229
2017Q1	19											5,412,230
2017Q2	28											6,039,160
2017Q3	17											4,323,339
2017Q4	11											3,756,482
2018Q1	15											3,750,251
2018Q2	15											2,610,685
2018Q3	17											1,960,217
2018Q4	20											4,610,316
2019Q1	19											3,753,224
2019Q2	25											3,484,840
2019Q3	10											713,952
2019Q4	41											6,892,314
2020Q1	30											2,080,470
2020Q2	23											1,995,062
2020Q3	13											588,117
2020Q4	33											717,982
2021Q1	30											99,174
2021Q2	10											11,365
2021Q3	12											-
Total	815											268,701,191

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 September 30, 2021**

Admittance Quarter	Living Participants	Cumulative Benefits by Fund Participation Quarter														
		Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30
2011Q4	11	851,176	902,658	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
2012Q1	11	412,521	420,571	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
2012Q2	15	4,335,502	4,723,627	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
2012Q3	25	3,486,654	3,808,463	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
2012Q4	38	12,887,481	13,794,005	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	33,062,056
2013Q1	5	1,490,376	1,622,432	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	3,828,906	4,021,861
2013Q2	30	2,410,008	2,695,515	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	7,705,538	8,284,603	9,151,110
2013Q3	26	4,390,731	4,520,722	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	6,402,085	6,558,675	6,734,067	6,984,522
2013Q4	8	1,008,190	1,100,574	1,191,831	1,300,310	1,354,293	1,475,152	1,535,957	1,621,994	1,718,403	1,837,411	2,016,598	2,540,576	2,645,391	2,820,443	3,020,449
2014Q1	17	4,478,436	4,939,488	5,219,939	5,654,094	6,412,303	6,751,107	7,001,666	7,495,497	7,876,109	8,309,548	8,588,110	8,894,067	9,222,733	9,565,634	9,819,569
2014Q2	22	4,188,258	4,412,032	4,725,152	5,151,615	5,574,962	5,974,614	6,323,960	6,780,575	7,001,568	7,202,045	7,606,811	8,103,393	8,343,266	8,537,461	8,718,219
2014Q3	20	5,511,529	5,900,724	6,367,549	6,863,780	7,323,044	7,821,327	8,356,294	8,973,268	9,456,814	10,535,608	11,468,293	12,792,393	14,049,341	15,594,455	
2014Q4	19	3,740,687	4,203,202	4,452,843	4,752,430	5,210,338	5,651,832	6,112,531	6,468,296	6,886,610	7,433,276	7,880,810	8,406,102	8,874,060		
2015Q1	26	4,307,898	4,604,738	4,976,664	5,418,691	5,968,892	6,403,010	6,921,900	7,278,843	7,884,039	8,342,281	8,760,063	9,093,282			
2015Q2	30	8,904,060	9,601,751	10,404,544	11,058,861	11,743,898	12,667,222	13,313,041	14,615,692	15,481,529	16,645,472	17,117,722				
2015Q3	16	2,906,211	3,227,582	3,485,562	3,758,125	3,996,203	4,231,837	4,665,910	5,034,008	5,471,935	5,728,451					
2015Q4	19	3,711,766	4,121,546	4,651,954	5,421,500	6,013,569	6,433,581	6,942,784	7,256,562	7,479,477						
2016Q1	18	3,063,075	3,449,260	3,718,134	3,897,383	4,331,288	4,564,708	4,843,908	5,096,704							
2016Q2	35	7,953,009	8,426,013	9,397,066	10,442,889	11,090,759	11,841,852	12,405,764								
2016Q3	22	2,708,721	2,946,101	3,786,040	3,975,255	4,599,377	4,703,211									
2016Q4	14	3,706,680	4,253,619	4,920,330	5,284,245	5,635,229										
2017Q1	19	4,404,865	4,798,445	5,119,162	5,412,230											
2017Q2	28	5,396,631	5,865,938	6,039,160												
2017Q3	17	4,110,964	4,323,339													
2017Q4	11	3,756,482														
2018Q1	15															
2018Q2	15															
2018Q3	17															
2018Q4	20															
2019Q1	19															
2019Q2	25															
2019Q3	10															
2019Q4	41															
2020Q1	30															
2020Q2	23															
2020Q3	13															
2020Q4	33															
2021Q1	30															
2021Q2	10															
2021Q3	12															
Total	815															

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 September 30, 2021**

Admittance Quarter	Living Participants	Cumulative Benefits by Fund Participation Quarter										Total
		Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	
2011Q4	11	2,131,825	2,305,128	2,433,734	2,550,304	2,653,106	2,759,770	2,926,053	3,034,967	3,145,088	3,265,566	3,265,566
2012Q1	11	1,843,616	1,880,932	1,926,741	1,969,564	2,017,656	2,089,618	2,131,537	2,189,375	2,223,086		2,223,086
2012Q2	15	11,242,882	11,792,163	12,280,419	13,033,822	14,143,094	15,690,291	16,182,320	16,774,038			16,774,038
2012Q3	25	8,676,460	8,934,013	9,124,046	9,535,485	9,863,995	10,278,995	10,547,468				10,547,468
2012Q4	38	34,801,444	36,363,066	38,739,476	41,039,025	42,466,070	43,724,174					43,724,174
2013Q1	5	4,214,255	4,420,897	4,665,924	4,874,593	5,133,036						5,133,036
2013Q2	30	10,048,479	11,292,937	12,008,123	12,488,271							12,488,271
2013Q3	26	7,160,171	7,318,325	7,505,073								7,505,073
2013Q4	8	3,224,464	3,635,692									3,635,692
2014Q1	17	10,159,032										10,159,032
2014Q2	22											8,718,219
2014Q3	20											15,594,455
2014Q4	19											8,874,060
2015Q1	26											9,093,282
2015Q2	30											17,117,722
2015Q3	16											5,728,451
2015Q4	19											7,479,477
2016Q1	18											5,096,704
2016Q2	35											12,405,764
2016Q3	22											4,703,211
2016Q4	14											5,635,229
2017Q1	19											5,412,230
2017Q2	28											6,039,160
2017Q3	17											4,323,339
2017Q4	11											3,756,482
2018Q1	15											3,750,251
2018Q2	15											2,610,685
2018Q3	17											1,960,217
2018Q4	20											4,610,316
2019Q1	19											3,753,224
2019Q2	25											3,484,840
2019Q3	10											713,952
2019Q4	41											6,892,314
2020Q1	30											2,080,470
2020Q2	23											1,995,062
2020Q3	13											588,117
2020Q4	33											717,982
2021Q1	30											99,174
2021Q2	10											11,365
2021Q3	12											-
Total	815											268,701,191

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 September 30, 2021**

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	5,681,054	4,550,667	47,121,845	12.32%	46,130,987	46,999,820	46,565,404	2,116,609
2012	238,237	86	76,401,842	64,021,859	692,698,786	11.16%	684,881,907	691,826,776	688,354,341	8,004,120
2013	235,956	84	33,704,901	28,045,072	317,068,738	10.01%	336,865,840	319,049,524	327,957,682	3,904,258
2014	237,491	91	42,182,004	34,241,811	464,895,629	8.86%	476,025,347	465,881,866	470,953,607	5,175,314
2015	235,139	85	35,342,266	27,926,728	382,614,993	7.73%	457,039,321	388,370,131	422,704,726	4,972,997
2016	231,623	91	28,138,621	21,277,860	451,186,161	6.59%	427,271,186	449,611,203	438,441,194	4,818,035
2017	227,666	72	17,882,805	13,238,932	367,020,610	5.40%	331,430,494	365,100,294	348,265,394	4,837,019
2018	230,603	73	12,939,703	9,581,068	348,196,908	4.20%	308,383,174	346,526,331	327,454,752	4,485,682
2019	229,218	106	13,306,536	9,756,723	527,712,954	3.00%	444,259,693	525,213,349	525,213,349	4,954,843
2020	227,834	100	3,430,754	2,518,767	424,202,414	1.79%	192,037,316	420,054,776	420,054,776	4,200,548
2021	226,449	22	11,063	8,418	87,208,605	0.60%	1,859,168	86,700,716	86,700,716	3,940,942
<b>Total</b>		<b>832</b>	<b>269,021,549</b>	<b>215,167,905</b>	<b>4,109,927,641</b>		<b>3,706,184,433</b>	<b>4,105,334,785</b>	<b>4,102,665,941</b>	<b>4,931,089</b>

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 09/30/21
- (4) Provided by MIF; includes 7.6% 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) Col (4) / Col (7)
- (9) Col (4) + {Col (6) x [1 - Col (7)]}
- (10) Selected based on Cols (8) and (9)
- (11) 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 September 30, 2021**

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)	Indicated Ultimate Severity (8)	Indicated Ultimate Payments (9)	Prior Quarter Selected Severity (10)	Selected Severity (11)	Selected Ultimate Benefits (12)
2011Q4	11	0	-	11.7%	2,532,725	27,859,971	2,493,641	27,430,056	3,063,851	3,067,904	33,746,942
2012Q1	11	0	-	11.4%	1,766,842	19,435,258	1,739,577	19,135,348	2,032,044	2,030,573	22,336,302
2012Q2	15	1	276,786	11.2%	9,858,985	148,161,564	9,747,109	146,483,422	11,440,389	11,454,244	172,090,443
2012Q3	25	0	-	10.9%	3,880,407	97,010,177	3,836,456	95,911,398	5,492,247	5,490,504	137,262,598
2012Q4	38	2	1,382,899	10.6%	10,522,061	401,221,203	10,402,471	396,676,799	13,013,560	13,016,057	495,993,070
2013Q1	5	0	-	10.3%	9,969,463	49,847,315	9,856,544	49,282,722	12,034,942	12,058,364	60,291,822
2013Q2	30	0	-	10.0%	4,160,495	124,814,840	4,231,006	126,930,183	3,521,820	3,529,877	105,896,323
2013Q3	26	1	2,127,253	9.7%	2,129,431	57,492,469	2,166,907	58,466,843	4,417,428	4,413,912	116,888,956
2013Q4	8	0	-	9.4%	4,823,779	38,590,230	4,905,531	39,244,252	4,751,605	4,792,689	38,341,515
2014Q1	17	2	959,711	9.1%	5,919,699	101,594,595	6,020,982	103,316,405	8,233,356	8,235,089	140,956,222
2014Q2	22	3	2,074,752	8.9%	3,407,807	77,046,508	3,362,124	76,041,489	5,881,328	5,880,468	131,445,052
2014Q3	20	0	-	8.6%	9,086,298	181,725,968	8,967,774	179,355,476	9,494,917	9,551,531	191,030,623
2014Q4	19	0	-	8.3%	5,626,289	106,899,495	5,552,898	105,505,064	6,413,052	6,423,395	122,044,509
2015Q1	26	1	167,134	8.0%	4,282,268	111,506,101	4,226,325	110,051,579	4,866,714	4,868,715	126,753,728
2015Q2	30	1	6,644,613	7.7%	4,514,540	142,080,827	4,998,620	156,603,213	8,363,467	8,357,790	257,378,304
2015Q3	16	0	-	7.4%	4,806,617	76,905,873	5,297,912	84,766,587	3,958,818	3,966,289	63,460,619
2015Q4	19	1	1,081,327	7.2%	4,700,229	90,385,686	5,186,467	99,624,201	5,425,568	5,424,940	104,155,184
2016Q1	18	0	-	6.9%	4,118,522	74,133,393	4,539,485	81,710,726	5,261,663	5,263,652	94,745,738
2016Q2	35	0	-	6.6%	5,382,156	188,375,461	5,234,008	183,190,276	5,012,880	5,017,745	175,621,092
2016Q3	22	0	-	6.3%	3,395,379	74,698,345	3,301,919	72,642,214	5,184,748	5,177,539	113,905,868
2016Q4	14	1	61,720	6.0%	6,627,525	92,847,072	6,444,976	90,291,383	6,430,128	6,439,512	90,214,882
2017Q1	19	0	-	5.7%	4,996,335	94,930,356	4,858,806	92,317,322	5,788,716	5,789,901	110,008,122
2017Q2	28	1	4,649	5.4%	3,994,302	111,845,091	3,876,818	108,555,567	5,494,092	5,486,696	153,632,125
2017Q3	17	0	-	5.1%	4,996,325	84,937,532	4,849,376	82,439,398	5,644,168	5,642,828	95,928,069
2017Q4	11	0	-	4.8%	7,137,745	78,515,193	6,927,814	76,205,949	7,207,283	7,198,155	79,179,710
2018Q1	15	0	-	4.5%	5,568,063	83,520,951	5,404,299	81,064,481	5,377,638	5,380,039	80,700,585
2018Q2	15	0	-	4.2%	4,147,913	62,218,691	3,911,993	58,679,895	5,903,839	5,900,389	88,505,835
2018Q3	17	2	273,549	3.9%	2,542,838	43,501,787	2,397,294	41,027,548	5,666,947	5,666,368	96,601,801
2018Q4	20	0	-	3.6%	6,389,792	127,795,840	6,026,362	120,527,231	6,272,498	6,274,247	125,484,948
2019Q1	19	0	-	3.3%	5,983,483	113,686,177	5,643,162	107,220,079	6,068,649	6,070,291	115,335,527
2019Q2	25	0	-	3.0%	4,653,875	116,346,866	4,595,028	114,875,691	5,975,434	5,977,734	149,443,341
2019Q3	10	0	-	2.7%	2,655,044	26,550,440	2,621,472	26,214,716	5,944,928	5,938,285	59,382,855
2019Q4	41	0	-	2.4%	7,054,744	289,244,504	6,965,539	285,587,085	6,105,805	6,110,854	250,545,032
2020Q1	30	0	-	2.1%	3,326,592	99,797,772	3,284,529	98,535,856	5,986,820	5,985,732	179,571,960
2020Q2	23	0	-	1.8%	4,855,394	111,674,073	4,967,700	114,257,099	5,973,822	5,976,825	137,466,975
2020Q3	13	0	-	1.5%	3,039,652	39,515,470	3,109,959	40,429,465	5,904,045	5,909,090	76,818,170
2020Q4	33	0	-	1.2%	4,182,411	138,019,563	4,279,150	141,211,962	5,966,459	5,960,267	196,688,827
2021Q1	30	1	15,942	0.9%	4,044,450	121,349,432	4,138,010	124,156,250	5,951,501	5,939,956	178,214,629
2021Q2	10	0	-	0.6%	3,923,260	39,232,601	3,966,121	39,661,211	5,956,079	5,943,337	59,433,368
2021Q3	12	0	-	0.3%	3,877,597	46,531,160	3,919,959	47,039,505		5,955,154	71,461,845
<b>Total</b>	<b>815</b>	<b>17</b>	<b>15,070,335</b>			<b>4,111,845,851</b>		<b>4,102,665,941</b>			<b>5,098,963,514</b>

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) [Col (9) - Col (4)] / Col (2)
- (9) From Exhibit 6, Page 1, Col (10); allocated based on Col (7)
- (10) From Pinnacle analysis as of 6/30/2021
- (11) Selected severity for currently living participants (based on Col (6), Col (8) and prior selected severity)
- (12) [Col (11) x Col (2)] + Col (4)

**New York State Department of Health**  
**Quarterly Analysis of New York Medical Indemnity Fund**  
**Participant Profile**  
**As of September 30, 2021**

Row	Paid Benefits Current Quarter	Cumulative To Date	Medical	Incurred To Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
1	2,813	238,181		238,181	25,749	263,930
2		115,309	35,221	150,529	15,053	165,582
3	32,621	724,052	-	724,052	76,216	800,268
4		276,786	1,631	278,416	123,741	278,416
5	13,578	1,271,347		1,271,347	130,395	1,401,742
6	110	351,035	-	351,035	36,951	387,986
7					310	310
8	52,513	4,673,899	-	4,673,899	493,889	5,165,889
9	1,500	5,094	8,946	14,041	1,404	15,445
10	800	18,487		18,487	1,946	20,433
11	6,291	277,994	7,885	285,880	28,588	314,467
12	-	280	-	3,497	368	3,865
13	-	41,693	11,723	53,416	5,623	59,038
14	10,421	227,882	-	227,882	23,988	251,869
15	1,032	35,088	1,853	36,941	3,789	40,730
16	-	150,089	10,875	160,964	16,096	177,060
17	-	105,719	-	105,719	10,843	116,562
18	10,225	212,532	-	212,532	21,253	233,785
19	-	1,965,617	-	1,965,617	212,499	2,178,116
20	-	294,639	-	294,639	31,853	326,492
21	9,202	489,391	25,289	514,679	54,177	568,856
22	-	2,187	-8,025	10,212	1,047	11,260
23	530	-	-	-	-	-
24	90	35,093	10,565	45,658	4,806	50,464
25	-	288,634	-	288,634	31,204	319,837
26	-	-	6,530	6,530	670	7,200
27	1,940	292,913	-	292,913	31,666	324,580
28	225	9,660	-	9,660	1,017	10,677
29	180,684	3,717,634	-3,057	3,720,691	391,652	4,112,343
30	-	51,849	-	51,849	5,605	57,454
31	-	12,297	-	12,297	1,329	13,626
32	-	60,283	-	60,283	6,517	66,801
33	-	-	-	-	-	163
34	2,605	145,660	-9,231	154,892	15,889	170,381
35	-	749,160	-	749,160	80,990	830,150
36	444	4,923	104,832	104,832	10,752	115,584
37	-	9,319	147	9,319	1,007	10,327
38	167,788	2,990,343	65,793	3,056,136	321,699	3,377,835
39	-	145,395	-	145,395	15,718	161,114
40	37,845	566,524	-	566,524	61,246	627,770
41	4,823	170,807	-	170,807	17,081	187,887
42	-	28,500	-	28,500	3,081	31,581
43	-	39,002	-	39,002	4,216	43,218
44	-	118,948	-	118,948	12,200	131,148
45	-	29,826	-	29,826	3,059	32,886
46	1,338	110,776	4,130	114,906	11,491	126,396
47	227	7,360	-	7,360	755	8,115
48	10,765	370,214	-	370,214	37,971	408,185
49	207	168,870	29	168,870	18,256	187,126
50	5,678	194,477	-	194,477	21,024	215,501
51	16,916	750,755	-	750,755	81,163	831,917
52	53,091	809,334	50,146	859,480	85,948	945,428
53	1,213	11,912	-	11,912	1,222	13,133
54	119,419	1,119,419	-	1,119,419	12,910	1,32,329
55	26,616	1,018,103	22,702	1,040,805	104,080	1,144,885
56	-	42,070	-	42,070	4,207	46,277
57	80,139	2,106,065	38,552	2,144,617	225,749	2,370,366
58	-	-	-	-	-	342
59	-	-	-	-	33	342
60	678	3,286,374	-	3,286,374	353,284	3,641,657
61	-	1,702,879	-	1,702,879	189,209	1,892,088
62	234,253	3,277,463	-	3,09	364,163	3,641,625
63	-	309	-	20,287	2,193	22,480
64	-	20,287	-	296,580	32,953	329,533
65	15,089	296,580	-	296,580	49,239	492,393
66	23,833	443,153	-	443,153	49,239	492,393
67	4,000	58,800	-	58,800	6,533	65,334
68	400	322,022	-	322,022	107,341	322,022
69	152,897	2,167,830	-	2,167,830	240,870	2,408,700
70	-	2,649,522	-	2,649,522	294,391	2,943,914
71	50,804	1,734,626	-	1,734,626	192,736	1,927,363
72	24,754	1,937,501	-	1,937,501	215,278	2,152,779
73	3,526	75,167	-	75,167	8,126	83,293
74	11,334	454,412	-	454,412	49,126	503,537
75	-	1,060,878	-	1,060,878	212,176	1,060,878

New York State Department of Health  
Quarterly Analysis of New York Medical Indemnity Fund  
Participant Profile  
As of September 30, 2021

Row	Paid Benefits Current Quarter	Cumulative To Date	Medical	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
76		15,902	-	15,902	1,767	17,669
77	1,875	240,745	-	240,745	267,749	267,494
78		34,494	-	34,494	3,833	38,327
79		101,395	-	101,395	11,266	112,661
80	41,912	2,048,146	-	2,048,146	227,572	2,275,718
81	16,257	480,386	-	480,386	53,376	533,762
82	79,675	3,121,737	-	3,121,737	346,860	3,468,597
83	27,616	841,378	-	841,378	93,486	934,864
84	16,573	759,699	-	759,699	84,410	844,098
85	61,560	6,857,098	-	6,857,098	761,900	7,618,997
86	12,493	807,427	-	807,427	89,714	897,141
87	68,652	3,810,167	-	3,810,167	423,352	4,233,519
88		7,271	-	7,271	808	8,079
89	4,873	197,655	-	197,655	21,962	219,617
90		24,964	-	24,964	2,774	27,738
91	6,295	285,223	-	285,223	31,691	316,915
92	393	6,635	-	6,635	737	7,372
93	5,768	43,308	-	43,308	4,812	48,120
94		99,188	-	99,188	11,021	110,209
95	52,760	2,736,622	-	2,736,622	304,291	3,042,914
96	10,882	91,326	-	91,326	10,147	101,474
97	11,917	256,332	-	256,332	28,481	284,813
98	7,731	233,481	-	233,481	25,831	258,313
99	1,696	321,956	-	321,956	35,773	357,729
100		9,746	-	9,746	1,083	10,829
101	1,181	19,386	-	19,386	2,154	21,540
102	65,606	939,818	-	939,818	104,424	1,044,242
103	13,159	584,027	-	584,027	64,892	648,919
104	51,288	2,026,916	-	2,026,916	231,648	2,258,564
105		2,045	-	2,045	234	2,278
106	62,497	1,595,723	-	1,595,723	182,368	1,778,091
107	17,595	764,783	-	764,783	87,404	852,187
108	102,477	365,821	-	365,821	41,808	407,629
109		37,475	-	37,475	4,409	41,884
110		47,097	-	47,097	5,541	52,638
111	46,386	2,159,514	-	2,159,514	254,061	2,413,575
112		22,584	-	22,584	2,657	25,241
113		146,080	-	146,080	17,186	163,266
114	720	64,886	-	64,886	7,634	72,519
115	6,510	144,519	-	144,519	17,002	161,521
116	865	6,375	-	71,950	8,465	80,414
117	2,327	85,160	-	85,160	10,019	95,179
118		3,476	-	3,476	409	3,885
119	6,700	6,700	-	6,700	7,488	7,488
120	28,463	756,917	-	756,917	89,049	845,966
121			-			
122	25	9,517	-	9,517	1,120	10,637
123		94,703	-	94,703	788	105,845
124		1,332	-	1,332	157	1,489
125			-			224
126		33,498	-	33,498	4,541	37,438
127	46,650	859,368	-	859,368	101,102	960,470
128	50,991	921,338	-	921,338	108,393	1,029,731
129	130,795	3,687,162	-	3,687,162	433,784	4,120,945
130	100	200	-	200	228	4120,945
131		19,993	-	19,993	2,352	22,346
132		1,679	-	1,679	197	1,876
133		15,899	-	15,899	1,870	17,769
134		56,257	-	56,257	6,618	62,875
135		1,938	-	1,938	2,167	2,167
136	94,380	2,101,447	-	2,101,447	247,229	2,348,676
137	340	258,815	-	258,815	30,449	289,264
138			-			
139	3,050	99,830	-	99,830	12,101	111,931
140	13,255	296,942	-	296,942	35,993	332,935
141	996	10,333	-	10,333	1,253	11,586
142	2,838	174,849	-	174,849	21,194	196,042
143		10,043	-	10,043	1,217	11,260
144		3,022	-	3,022	366	3,389
145	1,325	123,769	-	123,769	15,002	138,771
146	39,048	508,020	-	508,020	61,578	569,599
147	600	139,222	-	139,222	16,875	156,097
148			-			967
149		18,626	-	18,626	1,058	20,884
150			-			
	468	862	-	862	-	-



**New York State Department of Health**  
**Quarterly Analysis of New York Medical Indemnity Fund**  
**Participant Profile**  
**As of September 30, 2021**

Exhibit 7  
Page 3

Row	Current Quarter	Current Quarter	Cumulative To Date	Medical	Incurred To Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
151	8,692	385,071	385,071	-	385,071	46,675	431,746
152	32,185	91,177	91,177	-	91,177	11,052	102,229
153	-	1,510	1,510	-	1,510	183	1,693
154	7,271	820,850	820,850	-	820,850	99,497	920,347
155	2,384	190,868	190,868	-	190,868	23,135	214,003
156	6,227	38,427	38,427	-	38,427	4,658	43,085
157	-	350,225	350,225	-	350,225	42,451	392,676
158	-	110,448	110,448	-	110,448	13,388	123,836
159	-	2,127,253	2,127,253	-	2,127,253	567,267	2,127,253
160	47,221	1,320,169	1,320,169	-	1,320,169	160,021	1,480,190
161	365	4,966	4,966	-	4,966	606	5,602
162	1,193	55,825	55,825	-	55,825	6,767	62,592
163	2,019	23,051	23,051	-	23,051	2,794	25,845
164	-	42,943	42,943	-	42,943	5,205	48,148
165	151	4,656	4,656	-	4,656	564	5,220
166	151,294	885,851	885,851	-	885,851	110,731	996,583
167	-	26,047	26,047	-	26,047	3,256	29,302
168	1,291	9,364	9,364	-	9,364	1,170	10,534
169	-	35,356	35,356	-	35,356	4,420	39,776
170	217,066	2,341,991	2,341,991	-	2,341,991	292,749	2,634,740
171	795	11,688	11,688	-	11,688	1,461	13,150
172	-	1,104	1,104	-	1,104	138	1,242
173	475	53,536	53,536	-	53,536	6,692	60,228
174	-	904,976	904,976	-	904,976	190,521	904,976
175	-	54,735	54,735	-	54,735	27,362	54,735
176	75,847	1,946,143	1,946,143	-	1,946,143	251,115	2,197,259
177	-	5,911	5,911	-	5,911	763	6,674
178	-	2,297	2,297	-	2,297	296	2,594
179	24,141	903,924	903,924	-	903,924	116,635	1,020,559
180	-	-	-	-	-	-	466
181	16,367	411,096	411,096	-	411,096	53,045	464,141
182	-	17,825	17,825	-	17,825	2,300	20,125
183	-	118,731	118,731	-	118,731	15,320	134,051
184	40	1,690	1,690	413	1,690	218	1,908
185	-	413	413	-	413	-	-
186	174,493	3,486,470	3,486,470	-	3,486,470	449,867	3,936,337
187	277	541,239	541,239	-	541,239	69,837	611,077
188	7,023	73,537	73,537	-	73,537	9,489	83,026
189	-	452,965	452,965	-	452,965	58,447	511,412
190	-	51,005	51,005	-	51,005	6,581	57,586
191	2,344	425,940	425,940	-	425,940	54,960	480,900
192	-	3,597	3,597	-	3,597	464	4,061
193	-	2,677	2,677	-	2,677	302	2,969
194	243	603,359	603,359	-	603,359	80,448	683,807
195	-	-	-	-	-	-	-
196	-	13,187	13,187	-	13,187	1,758	14,945
197	53	1,553,019	1,553,019	-	1,553,019	310,604	1,553,019
198	-	-	-	-	-	-	119
199	-	2,678	2,678	-	2,678	14	2,692
200	-	29,811	29,811	-	29,811	3,975	33,786
201	1,571	17,753	17,753	-	17,753	2,367	20,120
202	1,532	323,751	323,751	-	323,751	44,655	323,751
203	-	105	105	105	323,751	4,080	34,684
204	-	605,703	605,703	-	605,703	80,760	686,463
205	11,584	28,573	28,573	-	28,573	3,810	32,382
206	3,098	251,622	251,622	-	251,622	33,550	285,172
207	-	-	-	-	-	35	300
208	29,585	436,327	436,327	-	436,327	58,177	494,504
209	-	37,295	37,295	-	37,295	4,973	42,267
210	-	123,232	123,232	-	123,232	16,431	139,663
211	125	2,141	953,062	-	953,062	127,075	1,080,137
212	11,955	265	401,170	265	401,170	53,489	454,660
213	37,935	670,806	670,806	-	670,806	89,441	760,247
214	88	6,031	197,981	-	197,981	26,398	197,981
215	-	1,663	1,663	-	1,663	222	1,885
216	53,450	1,083,564	1,083,564	-	1,083,564	144,475	1,228,039
217	-	717,282	717,282	-	717,282	95,638	812,920
218	-	8,500	8,500	-	8,500	1,172	9,672
219	38,146	903,022	903,022	-	903,022	124,555	1,027,577
220	-	13,856	13,856	-	13,856	1,911	15,768
221	183,778	3,264,370	3,264,370	-	3,264,370	450,258	3,714,628
222	9,241	379,147	379,147	-	379,147	52,296	431,443
223	-	9,942	9,942	-	9,942	1,371	11,313
224	-	2,331	2,331	-	2,331	321	2,652
225	-	10,754	10,754	-	10,754	1,483	12,238

336

**New York State Department of Health**  
**Quarterly Analysis of New York Medical Indemnity Fund**  
**Participant Profile**  
**As of September 30, 2021**

Exhibit 7  
Page 4

Row	Paid Benefits Current Quarter	Cumulative To Date	Medical	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
226	1,070,607	3,002,470	-	3,002,470	414,134	3,416,604
227	-	9,999	-	9,999	1,379	11,378
228	-	72,150	-	72,150	9,952	82,102
229	5,338	510,382	-	510,382	70,398	580,779
230	-	17,562	-	17,562	2,422	19,984
231	403	14,116	-	14,116	1,947	16,063
232	-	102,214	-	102,214	14,098	116,312
233	480	113,616	-	112,616	15,533	128,149
234	4,550	308,904	-	308,904	42,607	351,511
235	8,773	-	-	-	-	-
236	768	5,747,631	-	5,747,631	793,077	6,540,408
237	-	-	-	-	-	251
238	-	7,219	-	7,219	1,031	8,250
239	-	10,444	-	10,444	1,492	11,937
240	-	-	221	-	-	-
241	19,708	206,516	-	206,516	29,502	236,019
242	63,973	2,070,281	-	2,070,281	295,754	2,366,035
243	18,334	571,236	-	571,236	81,605	652,841
244	2,655	454,709	-	454,709	64,958	519,667
245	65,753	996,135	-	996,135	142,305	1,138,440
246	-	3,386	-	3,386	484	3,869
247	2,550	150,366	-	150,366	21,481	171,847
248	-	19,099	-	19,099	96	766
249	-	1,986,294	-	1,986,294	283,756	2,270,050
250	181,645	-	-	-	2,728	21,827
251	40,799	712,083	-	712,083	101,726	813,809
252	375	607,054	-	607,054	86,722	693,776
253	16,412	21,084	670	21,084	3,012	24,096
254	-	11,012	-	11,012	1,573	12,585
255	10,608	391,041	-	391,041	55,863	446,904
256	-	-	-	-	-	-
257	630	167,134	-	167,134	51,426	167,134
258	-	90,560	-	90,560	13,416	103,976
259	11,763	601,528	-	601,528	89,115	690,644
260	29,224	499,302	-	499,302	73,971	573,273
262	-	6,000	-	6,000	889	6,889
263	-	48,898	-	48,898	7,244	56,142
264	-	2,708	-	2,708	401	3,110
265	-	-	-	-	-	1,107
266	-	3,864	-	3,864	572	4,436
267	421	9,664	-	9,664	1,432	11,096
268	1,206	125,926	-	125,926	18,656	144,582
269	2,022	26,656	964	26,656	3,949	30,605
270	964	25,451	-	25,451	3,771	29,222
271	75,413	1,581,329	-	1,581,329	234,271	1,815,600
272	57,078	1,622,195	-	1,622,195	240,325	1,862,521
273	8,134	346,109	-	346,109	51,275	397,384
274	11,250	243,082	-	243,082	36,012	279,094
275	18,038	382,294	-	382,294	56,636	438,931
276	16,805	922,793	-	922,793	136,710	1,059,504
277	28,690	610,383	-	610,383	90,427	700,810
278	12,506	129,384	-	129,384	19,168	148,552
279	279	-	-	-	19,168	201
280	-	3,797	-	3,797	263	4,360
281	-	463,683	-	463,683	68,694	532,377
282	22,491	353,660	-	353,660	52,394	406,054
283	-	150,939	-	150,939	22,361	173,300
284	20,875	963,334	175	963,334	148,205	1,111,540
285	5,237	69,073	-	69,073	10,627	79,700
286	-	-	-	-	-	-
287	-	1,259	-	1,259	194	1,453
288	-	12,065	-	12,065	1,856	13,922
289	-	118,463	-	118,463	18,225	136,689
290	-	3,138	-	3,138	483	3,620
291	123,198	3,663,057	-	3,663,057	563,547	4,226,604
292	174	6,555	-	6,555	1,008	7,563
293	27,090	440,751	-	440,751	67,808	508,559
294	1,805	29,139	-	29,139	4,483	33,622
295	70,443	6,644,613	-	6,644,613	1,063,138	6,644,613
296	59,931	1,184,384	-	1,184,384	182,213	1,366,597
297	19,947	308,726	-	308,726	47,496	356,222
298	7,480	146,400	-	146,400	22,523	168,923
299	3,302	385,717	-	385,717	59,341	445,058
300	-	-	-	-	-	-

**New York State Department of Health**  
**Quarterly Analysis of New York Medical Indemnity Fund**  
**Participant Profile**  
**As of September 30, 2021**

Row	Current Quarter	Cumulative To Date	Medical	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
301	13,023	644,585		644,585	99,167	743,752
302		24,797		24,797	38,15	28,612
303						141
304						
305						
306	-	7,925	-	7,925	1,219	9,144
307	-	247	-	1,048	161	1,209
308	-	5,105	-	6,518	-	1,003
309	30,084	122	-	469,352	72,208	541,561
310	150	44,031	-	44,031	6,866	51,497
311	236	2,653	-	2,653	408	3,062
312	18,267	28,300	-	28,300	4,354	32,653
313	22,728	639,250	-	639,250	98,346	737,596
314	2,208	34,987	-	34,987	5,383	40,369
315	48,692	347,546	-	347,546	55,807	403,134
316	11,269	272,834	-	272,834	43,653	316,487
317	7,877	334,083	-	334,083	53,453	387,536
318	1,133	9,354	-	9,354	1,497	10,850
319	6,887	81,641	-	81,641	13,062	94,703
320	2,900	267,249	-	267,249	41,960	304,209
321	87,060	2,563,246	-	2,563,246	410,119	2,973,366
322	25,816	378,489	-	378,489	60,558	439,047
323	-	45,215	-	45,215	7,234	52,449
324	-	1,923	-	1,923	308	2,230
325	-	23,168	-	23,168	3,707	26,875
326	38,146	472,708	-	472,708	75,633	548,341
327	1,417	6,655	-	6,655	1,065	7,720
328	-	448,696	-	448,696	71,791	520,487
329	-	69,353	-	69,353	11,097	80,450
330	-	-	-	-	-	-
331	2,000	38,207	-	38,207	6,368	44,575
332	5,105	12,680	-	12,680	2,113	14,793
333	103,312	129,199	-	129,199	21,533	150,733
334	-	1,024,872	-	1,024,872	170,812	1,195,684
335	-	15,403	-	15,403	2,567	17,970
336	36,329	701,885	-	701,885	116,981	818,866
337	6,404	210,549	-	210,549	35,092	245,641
338	-	-	-	-	15,	656
339	1,605	22,714	-	22,714	9,986	26,500
340	-	2,402	-	2,402	400	2,803
341	-	17,464	-	17,464	2,911	20,375
342	-	3,007	-	562	501	3,509
343	-	5,715	-	5,715	952	6,667
344	-	1,081,327	-	1,081,327	227,648	1,081,327
345	5,302	120,720	-	120,720	20,120	140,840
346	-	14,582	-	14,582	2,430	17,012
347	28,655	1,139,797	-	1,139,797	189,966	1,329,763
348	1,739	45,108	-	45,108	7,518	52,627
349	7,158	241,223	-	241,223	40,204	281,427
350	259	3,841	-	2,105,822	350,970	2,456,792
351	-	331,414	-	331,414	57,637	389,051
352	5,665	40,614	-	40,614	7,063	47,677
353	-	-	-	-	-	-
354	-	1,366	-	1,366	238	1,604
355	-	17,506	-	17,506	3,044	20,550
356	329	73,754	-	73,754	12,827	86,581
357	-	3,449	-	3,449	600	4,048
358	40,850	800,711	-	800,711	139,254	939,965
359	21,219	737,718	-	737,718	128,299	866,016
360	-	-	-	-	1,060	-
361	130	519,195	-	519,195	90,295	609,490
362	18,545	611,312	-	611,312	106,315	717,627
363	-	173,093	-	173,093	30,103	203,197
364	1,910	75,747	-	75,747	13,173	88,920
365	47,170	132,405	903	132,405	23,027	155,432
366	3,686	671,678	-	671,678	116,814	788,492
367	451,792	383,839	-	383,839	66,755	450,593
368	5,407	145,722	-	145,722	25,343	171,064
369	-	-	-	-	-	-
370	-	36,312	-	36,312	6,602	42,914
371	-	-	-	-	112	726
372	-	8,668	-	8,668	-	10,244
373	-	75,362	-	75,362	13,702	89,064
374	-	5,905	-	5,905	-	6,979
375	-	-	-	-	1,074	-
	373	614	-	-	614	-



New York State Department of Health  
 Quarterly Analysis of New York Medical Indemnity Fund  
 Participant Profile  
 As of September 30, 2021

Row	Current Quarter	Cumulative To Date	Medical	Incurred To Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
376	13,916	59,394	-	59,394	10,799	70,193
377	1,438	140,712	-	140,712	25,584	166,296
378	-	10,514	-	10,514	1,912	12,426
379	-	-	-	-	-	424
380	1,664	51,522	-	51,522	8868	60,889
381	-	12,429	-	12,429	2,260	14,689
382	2,400	30,956	-	30,956	5,628	36,585
383	140,707	2,113,459	-	2,113,459	383,902	2,495,361
384	3,340	213,885	-	213,885	38,888	252,774
385	10,376	185,932	-	185,932	33,097	219,029
386	54,227	841,348	-	841,348	152,972	994,320
387	-	52,928	-	52,928	9,623	62,551
388	-	4,664	-	4,664	848	5,512
389	21,759	418,723	-	418,723	76,131	494,855
390	3,900	106,341	-	106,341	19,335	125,676
391	-	-	-	-	-	-
392	4,155	34,487	-	34,487	6,270	40,757
393	47,434	1,482,242	-	1,482,242	269,499	1,751,741
394	120,775	1,894,824	-	1,894,824	344,513	2,239,337
395	5,972	1,221,746	-	1,221,746	222,136	1,443,881
396	-	55,820	-	55,820	10,149	65,969
397	3,007	20,534	-	20,534	3,733	24,267
398	-	9,271	-	9,271	1,686	10,957
399	9,792	267,574	-	267,574	48,650	316,223
400	-	-	-	-	-	-
401	59,533	1,997,148	-	1,997,148	363,118	2,360,266
402	-	8,555	-	8,555	1,555	10,110
403	5,116	148,469	-	148,469	26,994	175,463
404	-	6,862	-	6,862	1,307	8,169
405	-	20	-	20	-	24
406	-	22,103	-	22,103	4,210	26,313
407	-	230,558	-	230,558	43,916	274,473
408	-	-	-	-	-	-
409	2,251	36,243	-	36,243	6,903	43,147
410	-	151,156	-	151,156	28,792	179,948
411	-	-	-	-	-	-
412	-	63,928	-	63,928	12,177	76,105
413	-	3,580	-	3,580	682	4,262
414	577	66,435	-	66,435	12,654	79,089
415	-	13,138	-	13,138	2,503	15,641
416	-	89	-	89	-	107
417	-	-	-	-	-	-
418	61,705	3,661,036	-	3,661,036	17	140
419	382	2,061	-	2,061	692,240	4,358,376
420	-	-	-	-	393	2,453
421	-	2,967	-	2,967	565	3,532
422	-	3,881	-	3,881	739	4,620
423	719	48,508	-	48,508	9,240	57,748
424	-	1,810	-	1,810	345	2,154
425	19,894	74,785	-	74,785	14,245	89,030
426	68,882	2,107,225	-	2,107,225	421,445	2,528,670
427	172,338	955,019	-	955,019	191,004	1,146,023
428	4,090	419,821	-	419,821	83,964	505,785
429	17,331	622,850	-	622,850	124,570	747,420
430	1,035	9,597	-	9,597	1,919	11,517
431	-	61,720	-	61,720	-	61,720
432	-	-	-	-	-	-
433	3,706	34,700	-	34,700	6,940	41,640
434	-	65,592	-	65,592	13,118	78,710
435	7,413	331,158	-	331,158	66,232	397,389
436	34,409	374,411	-	374,411	74,882	449,293
437	-	72,264	-	72,264	14,453	86,717
438	-	-	-	-	-	-
439	4,338	90,432	-	90,432	18,086	108,518
440	4,053	93,959	-	93,959	18,792	112,751
441	4,555	195,455	-	195,455	41,148	236,604
442	61,416	814,588	-	814,588	171,492	986,081
443	-	78,361	-	78,361	16,497	94,858
444	-	5,866	-	5,866	1,235	7,101
445	60,884	1,423,804	-	1,423,804	299,748	1,723,552
446	24,257	231,261	-	231,261	48,687	279,948
447	-	-	-	-	-	-
448	-	-	-	-	-	-
449	5,635	39,447	-	39,447	8,305	47,751
450	55,413	1,293,077	-	1,293,077	-272,227	1,565,303



New York State Department of Health  
Quarterly Analysis of New York Medical Indemnity Fund  
Participant Profile  
As of September 30, 2021

Exhibit 7  
Page 7

Row	Paid Benefits		Cumulative To Date	Medical	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
	Current Quarter						
451		18,613	18,613		18,613	3,919	22,531
452	5,506	221,245	221,245		221,245	46,578	267,823
453		11,375	11,375		11,375	2,395	13,770
454		7,127	7,127		7,127	1,500	8,628
455	42,080	547,213	547,213		547,213	115,209	662,416
456		34,326	34,326		34,326	7,227	41,553
457	1,060	2,435	2,435		2,435		2,948
458		4,188	95,548		95,548	20,115	115,663
459		2,007	16,542		16,542	3,676	20,218
460	195						
461		2,568	2,568		2,568	513	3,139
462		57,977	57,977		57,977	12,884	70,861
463		2,569	2,569		2,569	571	3,140
464	53,113	2,360,818	2,360,818		2,360,818	524,626	2,885,445
465		18,677	18,677		18,677	4,151	22,828
466	600	4,649	4,649		4,649	3,720	4,649
467		19,226	19,226		19,226	4,272	23,498
468		124,763	124,763		124,763	27,725	152,488
469	453	2,394	2,394		2,394	532	2,926
470		19,492	19,492		19,492	4,311	23,823
471	54,917	1,420,080	1,420,080		1,420,080	315,573	1,735,653
472		109,499	109,499		109,499	24,333	133,832
473	378	1,526	421,466		421,466	93,659	515,125
474	160	26,012	26,012		26,012	5,780	31,792
475	37,714	562,306	562,306		562,306	124,957	687,263
476	495						
477		8,569	8,569		8,569	1,904	10,473
478		7,131	7,131		7,131	1,585	8,716
479	3,492	56,749	56,749		56,749	12,611	69,360
480		29,226	29,226		29,226	6,495	35,720
481		303,822	303,822		303,822	67,516	371,338
482	845	1,956	1,956		1,956	435	2,391
483							
484	635	1,321	1,321		1,321	294	1,615
485		9,849	9,849		9,849	2,189	12,038
486		10,209	10,209		10,209	2,269	12,478
487		1,973,958	1,973,958		1,973,958	464,461	2,438,418
488	135	21,907	21,907		21,907	4,888	26,775
489		39,516	39,516		39,516	9,298	48,814
490		693,759	693,759		693,759	163,237	856,996
491	5,117						
492	274	188,317	188,317		188,317	44,310	232,627
493							
494							
495		6,106	6,106		6,106	1,437	7,543
496		133,682	133,682		133,682	31,455	165,137
497	10,399	1,973,958	1,973,958		1,973,958	464,461	2,438,418
498		462,189	462,189		462,189	108,750	570,940
499	38,424	41,300	41,300		41,300	9,718	51,018
500							
501		323,280	323,280		323,280	76,066	399,346
502	11,501						
503							
504	168	143,926	143,926		143,926	33,865	177,791
505	3,690	11,073	11,073		11,073	2,768	13,841
506		757,287	757,287		757,287	189,322	946,609
507	10,781	70	70	893	70	18	88
508		893	893		893	1,502	7,510
509		216,556	216,556		216,556	54,139	270,695
510	19,106	56,607	56,607		56,607	14,152	70,758
511		40,355	40,355		40,355	10,089	50,444
512	2,200	2,110,684	2,110,684		2,110,684	527,671	2,638,355
513	26,991	4,322	4,322		4,322	1,080	5,402
514		50,769	50,769		50,769	12,692	63,461
515	79	245,283	245,283		245,283	61,321	306,604
516	14,934	126,665	126,665		126,665	33,777	160,442
517		209,042	209,042		209,042	55,745	264,787
518	29,249	63,553	63,553		63,553	16,947	80,500
519	6,105	27,826	27,826		27,826	7,420	35,246
520		109,421	109,421		109,421	29,179	138,600
521	3,296	21,225	21,225		21,225	5,660	26,885
522	7,040	725,341	725,341		725,341	193,424	918,765
523	40,337	104,619	104,619		104,619	27,898	132,518
524	27,096						
525							



**New York State Department of Health**  
**Quarterly Analysis of New York Medical Indemnity Fund**  
**Participant Profile**  
**As of September 30, 2021**

Row	Paid Benefits Current Quarter	Cumulative To Date	Medical	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
526		2,066		2,066	551	2,617
527		1,904		1,904	508	2,412
528		6,573		6,573	1,753	8,326
529	28,855	1,355,178		1,355,178	361,381	1,716,559
530	57,582	735,280		735,280	196,075	931,355
531		8,301		8,301	2,214	10,515
532	380	4,622		4,622	1,321	5,943
533	9,409	304,960		304,960	87,131	392,092
534	20,250	168,792		168,792	48,276	217,019
535	315	31,601		31,601	9,029	40,630
536		1,055		1,055	301	1,356
537	8,331	43,314		43,314	12,375	55,689
538	58,559	727,957		727,957	207,988	935,945
539	13,726	485,291		485,291	138,654	623,945
540	8,194	180,598		180,598	51,599	232,197
541	11,008	213,393		213,393	60,969	274,363
542	7,287	213,217		213,217	60,919	274,137
543	1,158	28,729		28,729	8,208	36,937
544		9,452		9,452	2,701	12,153
545	1,187	2,429		2,429	3,123	3,123
546		6,150		6,150	1,757	7,907
547		4,253		4,253	1,309	5,562
548	547	123,466		123,466	37,990	161,456
549					694	
550	14,922	83,158		83,158	25,587	108,745
551					299	
552	10,096	89,124		89,124	27,023	116,547
553	5,575	23,475		23,475	7,223	30,699
554	49,962	566,125		566,125	174,192	740,317
555		14,790		14,790	4,511	19,340
556	229	28,893		28,893	8,890	37,783
557	1,440	27,014		27,014	8,312	35,326
558		2,076		2,076	639	2,715
559						493
560	603	24,203		24,203	1,467	31,650
561		273,549		273,549	109,420	273,549
562	54,643	556,506		556,506	171,233	727,738
563					221	937
564		377		377	271	1,151
565						
566		1,369		1,369	456	1,825
567	183	2,318		2,318	773	3,091
568		2,784		2,784	928	3,712
569		880		880	4,025	16,102
570	6,170	72,510		72,510	24,170	96,680
571	9,286	147,035		147,035	49,012	196,047
572	24,491	427,597		427,597	142,532	570,129
573	968	1,548		1,548	516	2,064
574	18,104	847,095		847,095	282,365	1,129,460
575	5,867	64,249		64,249	21,416	85,666
576						
577	669	993,387		993,387	331,129	1,324,516
578	12,787	191,172		191,172	63,724	254,896
579		111,320		111,320	37,107	148,427
580	7,474	79,977		79,977	26,659	106,636
581	8,640	4,661		4,661	1,554	6,215
582		3,524		3,524	1,175	4,699
583		1,323,782		1,323,782	441,261	1,765,043
584	140,052				343	
585						
586	240	1,072,280		1,072,280	388,200	1,462,199
587	168	5,552		5,552	2,019	7,571
588						457
589		102,992		102,992	37,252	140,444
590	23,186	306,040		306,040	111,287	417,327
591	40,509	52,425		52,425	19,064	71,489
592	6,570	1,060,894		1,060,894	385,780	1,446,674
593	52,513					
594	335	15,088		15,088	5,487	20,575
595		3,739		3,739	1,359	5,098
596		222,959		222,959	81,076	304,035
597	3,575	93,780		93,780	34,102	127,882
598	3,208	302,038		302,038	109,832	411,870
599	5,975	92,960		92,960	33,804	126,764
600	78	21,929				

New York State Department of Health  
Quarterly Analysis of New York Medical Indemnity Fund  
Participant Profile  
As of September 30, 2021

Row	Paid Benefits Current Quarter	Cumulative To Date	Medicaid	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
601	12,589	122,254	-	122,254	44,456	166,709
602	9,458	9,458	-	9,458	3,439	12,897
603	6,531	38,070	-	38,070	13,844	51,914
604	-	-	-	-	-	-
605	2,045	5,072	-	5,072	2,029	7,101
606	2,089	17,414	-	17,414	6,966	24,380
607	8,390	140,160	-	140,160	56,064	196,223
608	3,412	390,973	-	390,973	156,389	547,362
609	-	7,740	-	7,740	3,096	10,837
610	-	-	-	-	-	-
611	-	22,655	-	22,655	9,062	31,717
612	-	-	-	-	-	-
613	411	411,299	-	411,299	164,519	575,818
614	10,424	172,152	-	172,152	68,861	241,013
615	929	14,294	-	136,828	-54,731	191,559
616	-	-	-	-	-	-
617	-	4,951	-	4,951	1,980	6,931
618	-	3,083	-	-	1,233	4,316
619	16,368	106,474	-	106,474	42,589	149,063
620	-	18,783	-	18,783	7,513	26,296
621	593	31,133	-	396,824	158,730	555,553
622	-	15,064	-	15,064	6,026	21,090
623	-	2,682	-	2,682	1,073	3,755
624	985	5,779	-	50,932	20,373	71,304
625	117,348	207,488	-	207,488	82,959	290,483
626	30,135	197,839	-	197,839	79,136	276,974
627	298	32,426	-	254,702	101,881	356,583
628	75,317	4,997	-	4,997	1,999	6,996
629	66,899	689,682	-	689,682	275,873	965,555
630	-	-	-	-	-	-
631	23,167	65,207	-	65,207	28,981	94,188
632	23,890	163,229	-	163,229	72,546	235,776
633	-	1,027	-	1,027	456	1,483
634	2,000	12,143	-	12,143	5,397	17,540
635	1,185	233,999	-	233,999	104,000	337,999
636	-	16,357	-	16,357	7,270	23,626
637	17,163	127,230	-	127,230	56,547	183,777
638	4,351	47,310	-	47,310	21,027	68,337
639	-	2,524	-	2,524	1,122	3,646
640	865	-	-	-	399	926
641	-	-	-	-	-	-
642	-	-	-	-	-	-
643	-	-	-	-	-	-
644	7,643	63,191	618	63,191	31,596	94,787
645	23,167	64,428	-	64,428	32,214	96,641
646	-	-	-	-	-	-
647	10,012	264,224	-	264,224	132,112	396,336
648	1,200	12,615	-	12,615	6,308	18,923
649	649	3,392	-	3,392	1,696	5,087
650	12,847	130,334	-	130,334	65,167	195,501
651	-	5,508	-	5,508	2,754	8,262
652	2,318	3,273	-	3,273	1,636	4,909
653	434	50,161	-	50,161	25,081	75,242
654	12,288	250,864	-	250,864	125,432	376,297
655	487	75,317	-	977,642	-488,821	1,466,463
656	53,118	977,642	-	977,642	-	-
657	-	-	-	-	-	-
658	6,304	82,417	-	82,417	41,208	123,625
659	118,679	1,061,495	-	1,061,495	530,748	1,592,243
660	5,363	5,363	-	5,363	2,681	8,044
661	6,111	40,001	-	40,001	20,001	60,002
662	-	-	-	-	-	-
663	-	6,548	-	6,548	3,274	9,822
664	25,798	250,890	-	250,890	125,445	376,335
665	58,165	259,737	-	259,737	129,868	389,605
666	-	-	-	-	-	-
667	118,612	1,848,694	-	1,848,694	924,347	2,773,042
668	-	27,216	-	27,216	13,608	40,824
669	-	3,018	-	3,018	1,509	4,527
670	50,700	312,200	-	312,200	156,100	468,300
671	18,534	62,373	-	62,373	31,186	93,559
672	768	92,880	-	92,880	46,440	139,320
673	6,563	103,412	-	103,412	51,706	155,118
674	48,356	234,931	-	234,931	117,466	352,397
675	-	10,203	-	10,203	5,102	15,305



New York State Department of Health  
 Quarterly Analysis of New York Medical Indemnity Fund  
 Participant Profile  
 As of September 30, 2021

Row	Paid Benefits		Cumulative To Date	Medicaid	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
	Current Quarter						
676							
677	37,306	179,954	179,954		179,954	89,977	269,931
678		28,890	28,890		28,890	14,445	43,334
679	9,940	9,940	9,940		9,940	- 4,970	14,909
680	2,045	37,342	37,342		37,342	18,671	56,013
681	29,435	319,905	319,905		319,905	182,803	502,708
682	690	10,205	10,205		10,205	5,831	16,036
683	481	332,934	332,934		332,934	190,248	523,181
684		4,810	4,810		4,810	2,749	7,559
685	21,326	88,058	88,058		88,058	50,319	138,376
686		5,999	5,999		5,999	3,428	9,427
687	6,701	67,358	67,358		67,358	38,491	105,849
688	1,535	8,357	8,357		8,357	4,775	13,132
689							
690	35						
691							
692	2,711	19,789	19,789		19,789	- 11,308	31,098
693	8,314	77,530	77,530		77,530	- 44,303	121,832
694	62,995	204,860	204,860		204,860	-117,063	321,923
695		1,426	1,426		1,426	815	2,240
696	2,447	12,540	12,540		12,540	7,166	19,705
697		2,304	2,304		2,304	1,317	3,621
698	29,972	192,221	192,221		192,221	109,840	302,061
699	961						
700							
701		61,802	61,802		61,802	35,315	97,117
702	2,430	22,997	22,997		22,997	- 13,141	36,138
703		4,494	4,494		4,494	- 2,568	7,061
704		6,119	6,119		6,119	3,496	9,615
705							
706	37,665	220,974	220,974		220,974	126,271	347,244
707	34,422	183,412	183,412		183,412	104,807	288,220
708	25,685	108,627	108,627		108,627	- 62,073	170,699
709		1,614	1,614		1,614	922	2,536
710							
711	72,341	138,711	138,711		138,711	92,474	231,184
712							
713	22,279	317,014	317,014		317,014	211,342	528,356
714	2,400	6,990	6,990		6,990	4,660	11,650
715	92,568	438,976	438,976		438,976	-292,651	731,627
716							
717	1,533	8,960	8,960		8,960	5,974	14,934
718	6,000	41,302	41,302		41,302	27,535	68,836
719	3,840	17,344	17,344		17,344	- 11,563	28,907
720	7,300	42,238	42,238		42,238	28,159	70,397
721	9,465	37,671	37,671		37,671	25,114	62,784
722							
723	85,651	552,973	552,973		552,973	368,648	921,621
724	3,117	11,028	11,028		11,028	7,352	18,380
725	5,440	23,775	23,775		23,775	- 15,850	39,625
726							
727		2,410	2,410		2,410	1,607	4,017
728							
729	19,309	95,479	95,479		95,479	- 63,653	159,132
730		10,030	10,030		10,030	6,687	16,717
731	216						
732	22,429	133,353	133,353		133,353	88,902	222,254
733							
734	1,572	3,355	3,355		3,355	- 2,684	6,039
735							
736							
737	1,669	11,400	11,400		11,400	9,120	20,520
738	89,907	102,245	102,245		102,245	- 81,796	184,041
739							
740	13,665	41,702	41,702		41,702	33,362	75,064
741							
742	22,590	24,716	24,716		24,716	- 19,773	268
743		15	15		15	12	44,489
744	93,323	364,705	364,705		364,705	291,764	27
745							
746	149	149	149		149	656,469	656,469
747							
748							
749	2,518	14,998	14,998		14,998	215	741
750		3,345	3,345		3,345	14,998	29,996
						3,345	6,691
	370	268			268		
		370			370		
	250						





**New York State Department of Health**  
**Quarterly Analysis of New York Medical Indemnity Fund**  
**Participant Profile**  
**As of September 30, 2021**

Exhibit 7  
Page 11

Row	Paid Benefits		Cumulative To Date	Medical	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
	Current Quarter						
751			1,394		1,394	1,394	2,788
752			1,214		1,214	1,214	2,429
753						240	480
754						430	860
755						175	350
756	759						
757	240		3,209		3,209	3,209	6,418
758	430	240			430		
759	175	430			175		
760		6,129	175		18,961	18,961	37,921
761	400				3,479		6,958
762			3,479				
763							
764							
765	155						
766		62,283	71,254		71,254	- 71,254	142,507
767		1,890	6,958		6,958	- 6,958	13,915
768		5,909	12,209		12,209	- 12,209	24,418
769							
770			1,644		1,644		3,289
771							
772		136,425	155,530		155,530	- 155,530	311,061
773			15,532		15,532	- 15,532	31,065
774	236	5,777					
775							
776							
777							
778							
779		8,304	360,571		360,571	- 360,571	721,142
780							
781							
782							
783							
784							
785							
786							
787							
788							
789						910	1,593
790							
791		3,412	4,062		4,062	- 5,416	9,477
792		1,056	1,941		1,941	- 2,588	4,529
793	683		8,694		8,694	- 11,592	20,286
794			683				
795							
796						- 491	859
797							
798		9,042	15,942		15,942	- 31,884	15,942
799							
800							
801			368		368		
802		2,175	2,175		2,175	- 2,900	5,075
803		1,572	1,572		1,572	- 2,097	3,669
804		2,110	2,739		2,739	- 3,652	6,390
805							
806							
807		52,513	52,513		52,513	- 70,017	122,530
808							
809							
810							
811							
812						- 1,110	1,665
813						- 1,065	1,598
814		9,196	9,196		9,196	- 18,392	27,589
815							
816	555				555		
817	533	533	533		533		
818							
819							
820							
821							
822							
823							
824							
825							

**New York State Department of Health**  
**Quarterly Analysis of New York Medical Indemnity Fund**  
**Participant Profile**  
**As of September 30, 2021**

Row	Paid Benefits			Medical	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
	Current Quarter	Cumulative To Date					
826	-	-	-	-	-	-	-
827	-	-	-	-	-	-	-
828	-	-	-	-	-	-	-
829	-	-	-	-	-	-	-
830	-	-	-	-	-	-	-
831	-	-	-	-	-	-	-
832	-	-	-	-	-	-	-
Medicare Invoice	-	5,037,116	-	-	5,037,116	-	-
Vendor Invoice	1,272,335	13,921,125	-	-	13,921,125	-	-
UNKNOWN	-	25,232	-	-	25,232	-	-
UNKNOWN	-	-	-	-	-	-	-
<b>Total</b>	<b>1,375,226</b>	<b>268,226,822</b>	<b>322,301</b>	<b>269,049,123</b>			
	400	400	400	400			

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

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 September 30, 2021

Payments Per Participant Summary

	2016Q2	2016Q3	2016Q4	2017Q1	2017Q2*	2017Q3*	2020Q4	2021Q1	2021Q2	2021Q3	Four Quarters Prior to 2017Q2	Most Recent Four Quarters	% Change
Payments in Quarter	\$ 4,703,249	\$ 5,435,722	\$ 5,087,847	\$ 5,873,047			\$ 21,696,235	\$ 19,137,202	\$ 15,624,754	\$ 13,375,226	\$ 21,099,865	\$ 69,833,418	231.0%
Number of Living Participants	400	422	437	455			766	797	804	815			
Average Payments Per Living Participant**	\$ 11,758	\$ 12,881	\$ 11,643	\$ 12,908			\$ 28,324	\$ 24,012	\$ 19,434	\$ 16,411	\$ 12,310	\$ 21,946	78.3%
<b>Average Payments per Participant</b>													
Medical Treatment	\$ 628	\$ 760	\$ 562	\$ 646			\$ 1,183	\$ 1,028	\$ 666	\$ 795	649	918	41.5%
Hospital Based Care	1,024	898	1,242	1,217			1,081	740	1,093	1,699	1,095	1,153	5.3%
Surgical Care	35	108	51	69			810	622	136	504	66	518	689.4%
Nursing Care	6,005	7,036	5,783	5,996			15,415	14,044	10,290	5,780	6,205	11,382	83.4%
Dental Care	24	29	29	21			71	18	21	25	25	34	32.7%
Rehabilitation Care	725	708	613	613			625	628	931	679	665	716	7.7%
Custodial Care	546	671	729	685			3,214	2,847	2,554	2,710	658	2,831	330.5%
Durable Med Equip	435	527	430	794			1,590	948	926	552	547	1,004	83.7%
Other Health Care Costs	31	37	22	20			1,249	1,098	1,338	1,237	27	1,231	4389.0%
Home Modification†	989	481	563	800			1,271	383	95	223	708	493	-30.4%
Vehicle Modifications†	144	197	52	188			68	61	48	35	145	53	-63.4%
Prescription and Non-Prescriptive Drugs†	1,147	1,357	1,543	1,828			1,436	1,326	1,000	1,642	1,469	1,351	-8.0%
Assistive Technology†	1	-	-	-			20	8	1	-	0	7	2204.9%
Other Payments†	25	70	24	31			290	262	335	530	37	354	845.3%

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)