

NEW YORK STATE DEPARTMENT OF HEALTH

**New York State Medical Indemnity Fund – Revised Report
3rd Quarter 2020 Actuarial Analysis as of September 30, 2020**

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Commitment Beyond Numbers

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New York State Medical Indemnity Fund

3rd Quarter 2020 Actuarial Analysis

As of September 30, 2020

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, 2020.

§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, 2020, Pinnacle has arrived at a number of key conclusions:

- As of September 30, 2020, the Fund has accepted 745 participants (733 living) with expected future benefit payments of approximately \$2.385 billion and future administrative expenses of \$230.6 million, assuming a discount rate of 2.0% and future medical inflation of 3.0%. With a Fund balance as of September 30, 2020 of approximately \$215.6 million, this results in an unfunded liability for the Fund of approximately \$2.400 billion. The increase in unfunded liability from our analysis as of June 30, 2020 is due to the addition of 14 new participants over the past quarter (one related to a prior quarter), a drop in the Fund balance, and updated assumptions regarding claim payment patterns. As of September 30, 2020, the Fund's current liabilities for the upcoming 2021-2022 fiscal year of \$74.0 million are 34.3% of the Fund's current assets of \$215.6 million. We expect this ratio to increase to 89.6% by fiscal year-end 2023-24.
 - 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.
 - 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 (10/1/2019-9/30/2020), average benefit payments per participant were \$19,391 per quarter, representing a 57.5% increase over the average payments in the 2016-17 fiscal year. Total benefits paid were \$54.684 million for these four quarters, representing a 159.2% increase in payments over the 2016-17 fiscal period, while living participant counts increased from 669 to 733 over this period (an increase of 64 participants). Total annual benefit payments are anticipated to increase annually as more participants are added to the Fund. 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 733 living Fund participants without discounting is estimated to be \$4.404 billion. See Exhibit 2, Page 2.
 - The current present value of future benefit payments of \$2.385 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 eighty-seven (86.6) additional participants accepted between March 31, 2020 and March 31, 2021. 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 thirteen (13) new participants to the Fund in the second quarter of fiscal year 2020-21, approximately ten (10) less than expected for this period at the beginning of the fiscal year. In addition, one member that was added in the fourth quarter of fiscal year 2019-2020 was reported to us during this quarter. It's possible that court closures due to the COVID-19 pandemic may have slowed new participant enrollment in the Fund.
 - The 2019 budget legislation eliminated the Fund administrator's discretion in determining whether plaintiffs are qualified for the Fund. It's possible we will see higher participation rates in the future due to this change.
- Actual benefit payments in the second quarter of the 2020-21 fiscal year (7/1/20-9/30/20) as of 9/30/20 were \$14.245 million. This amount is \$0.655 million lower than expected at the prior quarterly analysis. Benefits payments may appear low for the current quarter due to the waiver of timely filing requirements in light of the COVID-19 pandemic. Based on modeled severities and an expected 36.37 additional participants, expected benefit payments in the remaining two quarters of the 2020-21 fiscal year are \$30.732 million. Estimated total benefit payments for the 2020-21 fiscal year (4/1/20 – 3/31/21) are therefore \$58.099 million, compared to \$59.032 million estimated at the June 30, 2020 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. In particular, these amounts contemplate no sunset for the increased reimbursement rates.
 - As of September 1, 2018, both the Fund's claims handling and enrollment services are now provided by Public Consulting Group (PCG) instead of Alicare. This change is ultimately expected to decrease the administrative expenses of the Fund on a per month per member basis. Based on information from the NYS DFS, at the March 31, 2020 analysis we projected that \$5.788 million would be spent in administrative costs for the 2020-21 fiscal year (see Exhibit 2, Page 1 of our report for 2020 Q1). This number was based on expected, not actual,

participant counts and excludes Department expenses allocated to the Fund. We have included Department expenses in the current analysis. We expect the annual administrative expense to decrease on a per member basis over the next few years due to economies of scale.

- Exhibit 1 summarizes Fund payments by benefit type since 4th quarter of 2012. Compared to the Virginia Birth Related Neurological Injury Compensation Fund, another state-run 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, 2020, fifty-two (52) participants have received more than \$1 million in benefit payments, with sixteen (16) of these participants receiving more than \$2 million in benefit payments. Based on current annual severities by individual member, we expect ten (10) 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 10 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. These changes remain in effect as of September 30, 2020.
- The \$52 million annual funding for the Fund will not be received for the 2019-20 fiscal year. We have removed this funding amount from our calculations.

Background

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

¹ Provided by NYS DFS

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

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 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.

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

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

“the superintendent of financial services shall conduct an actuarial calculation of the estimated liabilities of the fund for the coming year resulting from the qualified plaintiffs enrolled in the fund....If the total of all estimates of current liabilities equals or exceeds eighty percent of the fund's assets, then the fund shall not accept any new enrollments until a new deposit has been made pursuant to subdivision five of this section. When, as a 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 less than 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 2017, 2018 and 2019 to Fund participants that were admitted to the program prior to the beginning of each year and were living at the conclusion of the calendar year (i.e. participants that have a full year of benefit payments) on the following graph and compare the Fund's

data to data from Virginia. Additional severity information is contained in Exhibit 1, Page 2 and Exhibit 6³.

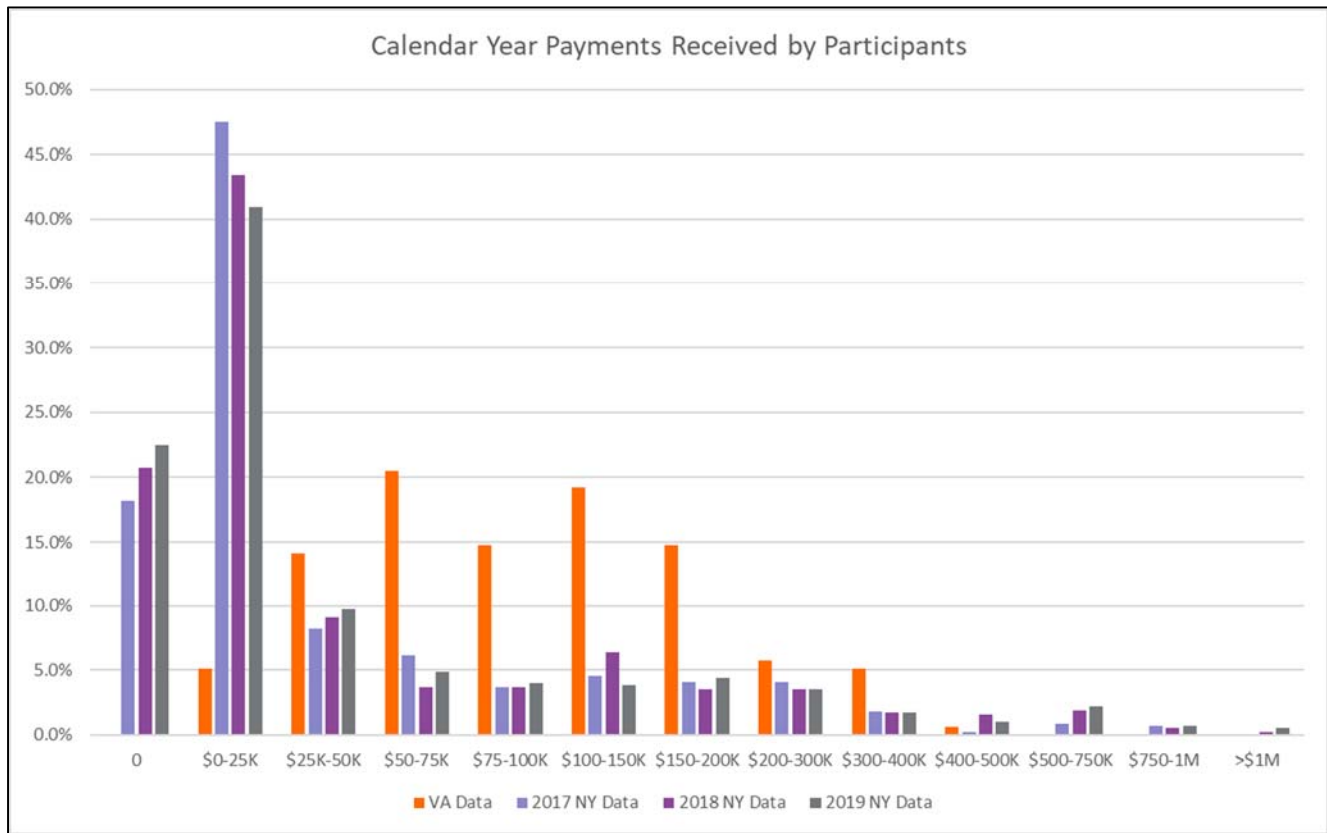


Chart 1: Calendar Year Payments Received by Participants

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

- 1) The Fund has significantly more participants with \$0 of benefit payments during the year. Will these participants have benefit payments at some point?
- 2) The Fund has substantially more participants with less than \$25,000 in annual benefit payments. Is there something about the Fund’s enabling legislation that is causing this or will their costs increase over time?
- 3) The Fund had eight participants in 2017, twenty-two participants in 2018, and twenty-six participants in 2019 with annual benefit payments totaling over \$400,000. Virginia’s birth fund has only one participant that breached this threshold. Admittedly, there are sample size issues, but will this phenomenon continue to persist?

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

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

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

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

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

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

The second issue, a higher number of participants with less than \$25K in annual payments, may be related to the difference in the definition of “birth-related injury” between the Fund and Virginia. In Virginia, participants must be “permanently motorically disabled and developmentally disabled or cognitively disabled (emphasis added)” as well as “need assistance with all daily living activities.”⁴ The New York Fund requires either a physical or mental disability (emphasis added); both types are not required. Several of the Fund’s patients have injury diagnoses that tend to be physical-only injuries, particularly Brachial Plexus and Erb’s Palsy. These injury types show significantly lower severities than other types (see Exhibit 1, Page 2); while 12.0% of Fund participants have one of these diagnoses, they have accounted for just over 0.6% of the Fund’s total payments. However, physical-only or mental-only disabilities classified within other injury categories may also be contributing to the low severities. We do not have the detailed diagnosis information to further explore this hypothesis.

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

⁴ From vabirthinjury.com/eligibility-benefits-claims

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

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

Previously, long term benefit payments shown in this table did not include prescription/non-prescription drug payments currently handled in bulk by Fund vendors. This exclusion made a significant difference; in the third quarter of the 2019-20 fiscal year, 94% of prescription/non-prescription drug costs were handled in bulk (compare current quarter vendor payments at the bottom of Exhibit 7 to total prescription payments 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. Most recently in calendar year 2019, twenty-six participants received more than \$400K in benefit payments with three members receiving over \$1M in benefit payments. Taking a long-term view, ten of the twenty-six participants show an average annual benefit cost of over \$400,000 per year of membership in the Fund. These numbers are also prior to any allocation of prescription/non-prescription drug payments processed in bulk by Fund vendors. We reviewed payments by category (other than prescription/non-prescription drugs) for these twenty-six participants in order to determine whether large one-time payments (such as hospitalizations or home modifications) could be responsible for this increase. We found that nearly 80% of payments in 2019 for these members were due to nursing costs, a similar result to our 2018 analysis. Two members received more than \$1 million in nursing costs in 2019. Since nursing costs are expected to result in regular, ongoing benefits (and quarterly payments) over time as opposed to one-time expenses, it is likely that these high payment levels will continue, and continue to increase, for these participants and others in the future.

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

As frequency and severity patterns were observed over time, changes to the assumptions regarding the expected frequency and severity of claims were made to the 4th quarter 2014 analysis and again in the second quarter of 2016 due to observed frequencies and severities differing from original

assumptions. These assumptions are detailed above in this report. Furthermore, we expect to continue monitoring participation frequency and re-visit our selections regularly.

Discussion and Analysis

Number of Qualifying Participants

Based on the loss runs provided by Sedgwick CMS, Aicare, PCG and DOH valued as of September 30, 2020, there are seven hundred and forty-five (745) participants that have qualified for the Program as of this date; seven hundred and thirty-three (733) were still living as of September 30, 2020. This information is summarized in Exhibit 6, Page 2.

There were thirteen (13) new participants to the Fund in the second quarter of fiscal year 2020-21, approximately ten (10) fewer than expected for the quarter. In addition, one participant that was admitted in the fourth quarter of fiscal year 2019-20 was reported to us during this quarter. 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 six (106) participants have been admitted into the Fund.

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 which is approximately four years older than the age of a Virginia Birth Fund participant at admission. Since the 2015-16 fiscal year, average age of admittance is higher at 9.1 years. Average admittance age for the most recent quarter is 7.5 years.

Based on the Fund's statutory limitations, we expect that the 80% threshold of current assets to liabilities will be breached by year-end 2023-24, resulting in no new participants added after that time.

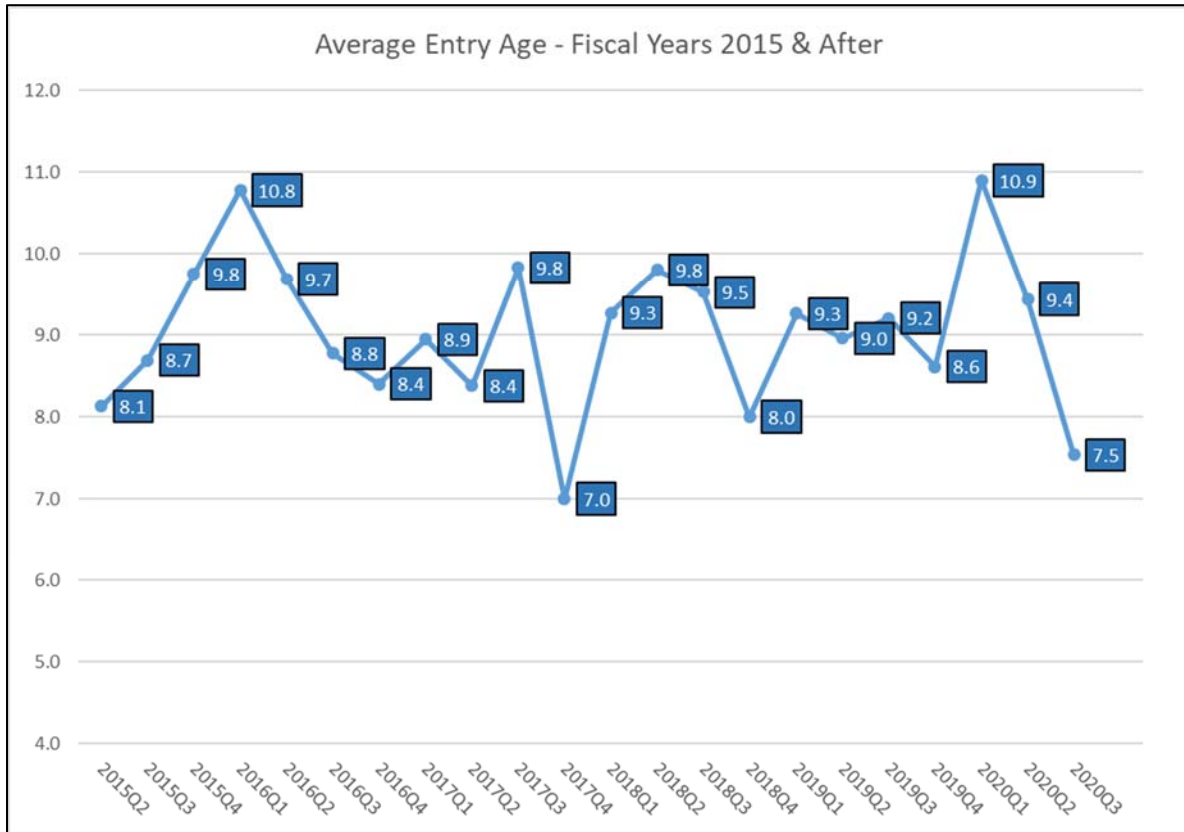


Chart 4: Average Entry Age of Fund Participants Since 2015-16 Fiscal Year

Mortality Experience/Life Expectancy

It is reasonable to expect that average life expectancies for Fund participants will average in the high twenties as a group, unless the different admission standards materially change life expectancies relative to the Virginia and Florida birth funds. The current life expectancies of the Virginia birth fund are 28.4 years from birth and 29.1 years for participants that reach the age of three (3). As of September 30, 2020, the Fund has experienced the death of twelve (12) of its participants. Furthermore, only seventeen (17) Fund participants were admitted prior to the age of three. The following graph shows the distribution of current Fund participants by age.

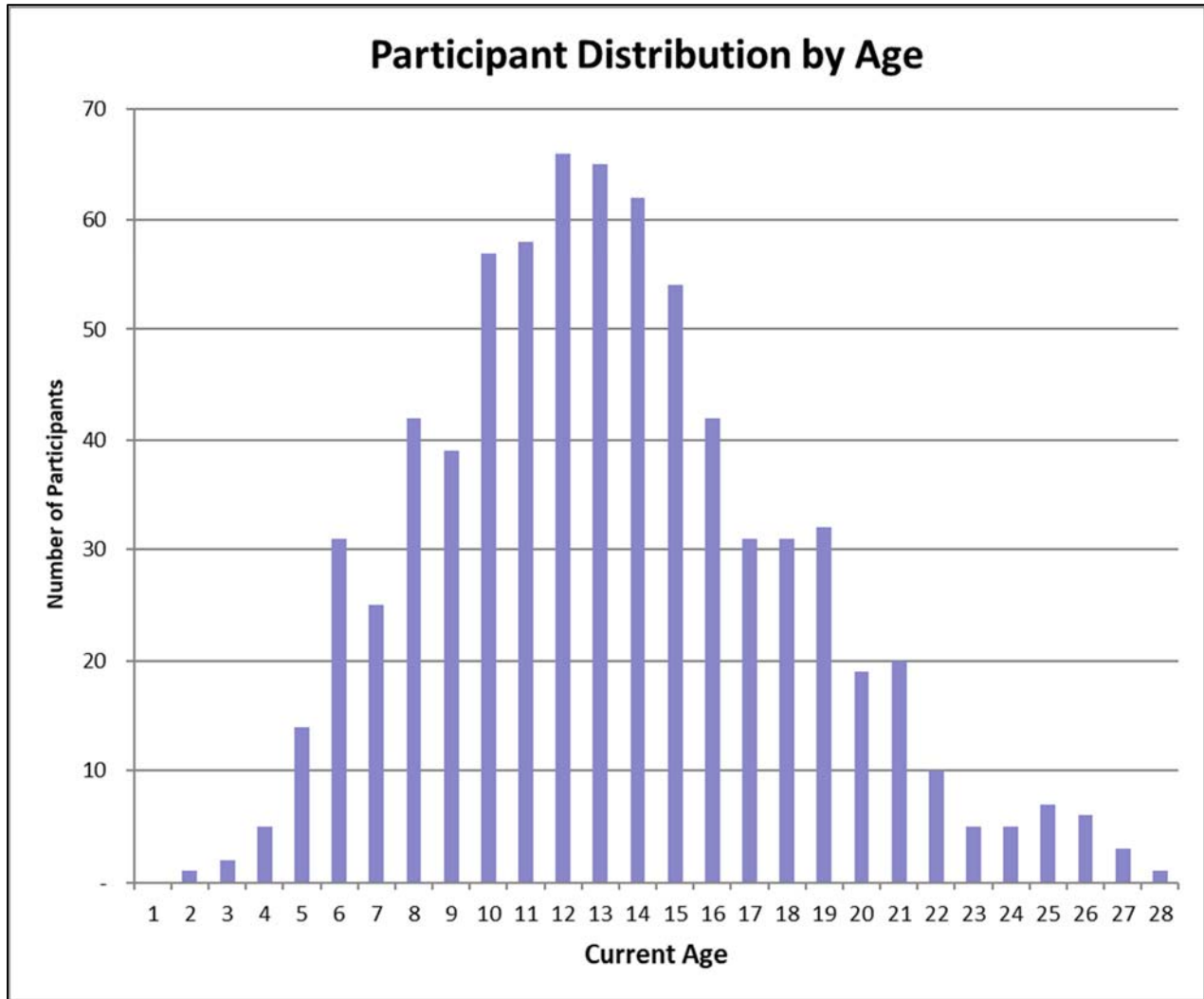


Chart 5: Age Distribution of Fund Participants

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

Actuarial Calculation of Estimated Fund Liabilities

We have been asked to project expected fund liabilities for the next ten fiscal years of the MIF. To do this, we have estimated the ultimate benefit payments for the participants admitted to the Fund each quarter on both a nominal and discounted basis. Three methods were used as a reasonability check for estimating ultimate benefit payments by the year in which a participant was accepted to the Fund. A loss development method was used in which actual benefit payments to date were divided by the expected percentage of ultimate benefits as of each participant-quarter’s maturity. These percentages were developed based on information for the Virginia Birth Fund and modified to reflect the older

average age of the Fund participants upon admittance and the Fund's actual payments. An expected loss method was also used in which expected ultimate benefit payments by quarter were also estimated using a weighted average of expected average ultimate benefit payments per Fund participant overall and by quarter of eligibility. Finally, a Bornhuetter-Ferguson (B-F) technique estimates ultimate losses using a combination of expected losses and loss development techniques. See Exhibit 6, page 1 for the application of these three techniques. 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 then again to December 31, 2021 in 2020 as part of the in recent New York State budget legislation. We have reflected the extension to December 31, 2021 in our 2020 Q4 report. We prepared an extensive costing study in March 2017 estimating the impact of this change on participant severities based on the expected increased participation and reimbursement rates. Since that time we have relied primarily on these severities, modifying them as actual experience emerges for living participants and using the other three methods as a reasonability check. The current selected severities can be seen in Exhibit 6, Page 2.

For the March 31, 2018 analysis, the March 31, 2019 analysis, and the March 31 2020 analysis, we adjusted the severity assumptions for participants already admitted into the Fund based on Fund experience. These severities vary based on the participant's admittance year to the Fund. The timing of the payments used in our severity estimates also reflect the amount of time a participant is expected to live, so that these severities take participant mortality into account. See Exhibit 6, Page 2 for more detail on these numbers.

Based on this approach and the current legislation, we estimate that the 733 living admitted Fund participants will ultimately receive benefit payments on the order of \$4.603 billion (including the \$198.9 million in benefits already paid and \$4.404 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 \$2.584 billion. See Exhibit 5, Pages 3 and 6 for more detail on these numbers.

Actual benefit payments in the second quarter of the 2020-21 fiscal year were \$14.245 million. This amount is \$0.655 million lower than expected at the prior quarterly analysis. Benefits payments may appear low for the current quarter due to the waiver of timely filing requirements in light of the COVID-19 pandemic. Based on modeled severities and an expected 36.37 additional participants, expected benefit payments in the remaining two quarters of the 2020-21 fiscal year are \$30.732 million. Estimated total benefit payments for the 2020-21 fiscal year (4/1/20 – 3/31/21) are therefore \$58.099 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, \$14.245 million was paid to Fund participants during the second quarter of the 2020-21 fiscal year (7/1/20 – 9/30/20). These payments are \$0.655 million lower than the expected benefit payments as of the June 30, 2020 analysis. While the expansion of Fund benefits due to COVID-19 might be expected to increase benefits payments, the waiver of the timely filing requirement means that the actual payment of these benefits may be delayed. See Exhibit 3 for more detail.

We have investigated to see if there are material differences in the types of injuries experienced by participants in the New York Fund versus those in Virginia and Florida that may explain some of the differences we are seeing between actual and expected payments. As noted previously, the Virginia program requires both a physical and developmental/cognitive disability and the participant must “need assistance with all daily living activities”⁵ to qualify for admittance. This standard for Virginia is therefore stricter than for the Fund, which requires either a physical or mental disability but not necessarily both. This difference appears to be contributing to the Fund’s higher frequency of participants per live births as well as a higher frequency of participants with less than \$25,000 in payments per year. For example, the Center for Disease Control and Prevention considers cerebral palsy a motor disability⁶. While children with cerebral palsy often have a co-occurring physical or developmental disability, cerebral palsy can exist separately from intellectual disability. As participants with cerebral palsy account for 21% of the Fund’s participants and 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 utilization, particularly as the legislative change may have impacted Fund utilization. However, Pinnacle continues to work with PCG and the New York DOH to develop the data capabilities to provide this type of analysis in the future. Specifically, we have developed and continue to maintain detailed benefit payment information by participant, diagnosis, Fund fiscal year and benefit type. The benefit types being captured are intended to reflect the benefits provided by the Fund’s legislation and follow form with existing databases in Florida and Virginia.

Exhibit 1 shows payment detail (provided through 9/30/20) grouped into the following categories:

- Medical Treatment
- Hospital Based Care
- Surgical Care

⁵ From vabirthinjury.com/eligibility-benefits-claims

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

- 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.

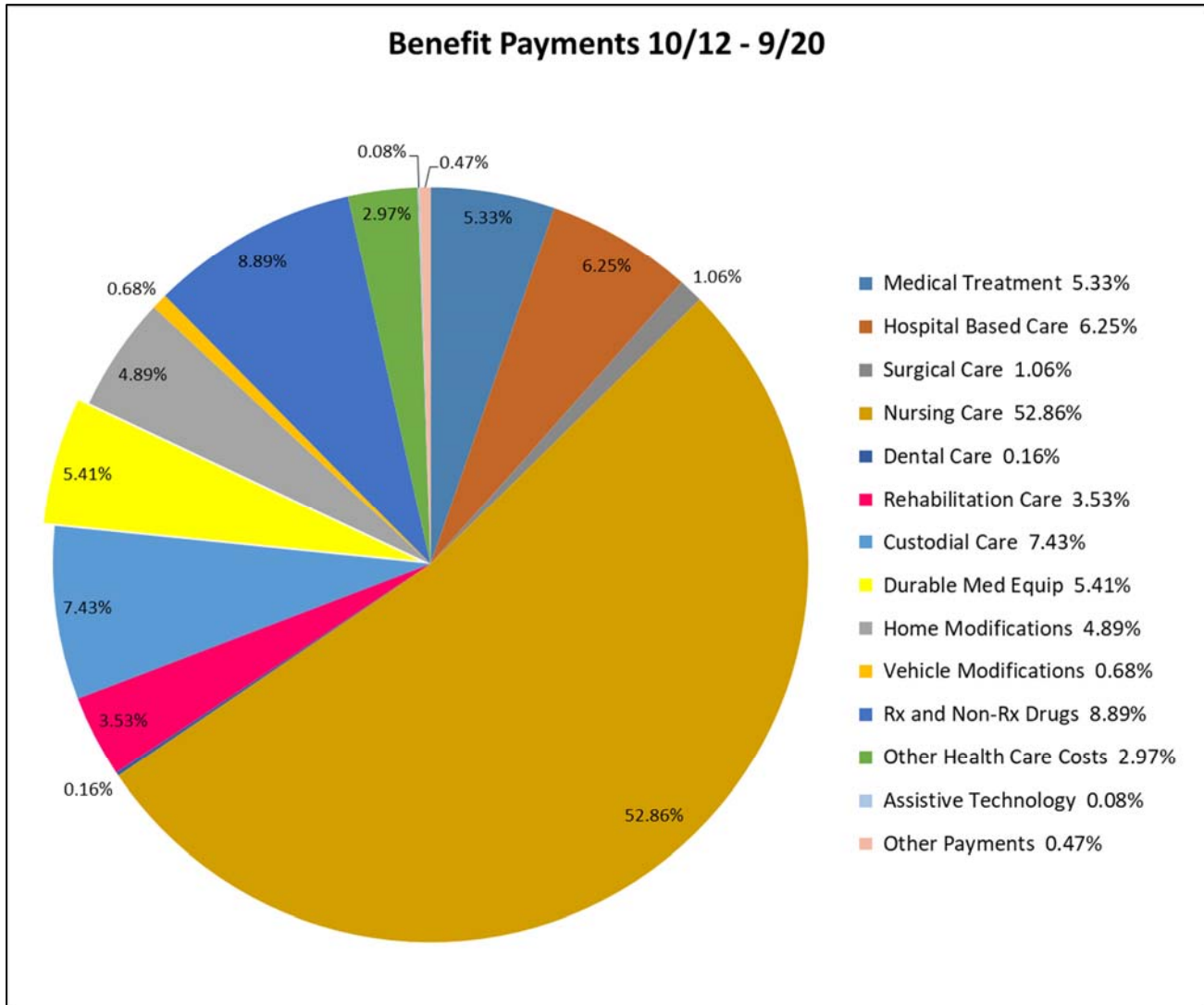


Chart 6: Benefit Payments by Category

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 57.5% 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 yet been provided with the participant limitations (such as the use of a gastric feeding tube) that have been found to be valuable in the Virginia analysis. In Virginia, several of these characteristics have been shown to influence life expectancies and average annual benefit payments. While we do not have the data yet to evaluate life expectancies by diagnosis, we are continuing to compile average annual benefit payment information for all members with over 1 year of participation in the Fund and are tracking current patterns to inform future analyses.

Benefit Payments and Injury Type

For nearly all Fund participants, the nature of the injury and primary diagnosis permitting entrance into the Fund has been provided to Pinnacle as part of the quarterly enrollment data. Although strict standardization of participant injury types is not provided, sufficiently detailed descriptions of the nature of the injury have allowed us to judgmentally categorize participants into standardized injury type groups. As with the benefit type categorization, injury type categorization can aid in identifying differences in injury types that are relevant to the management of the Fund.

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

- Brachial Plexus
- Cerebral Palsy
- Developmental Delays
- Encephalopathy
- Erb's Palsy
- Hemiplegia
- Mental Retardation
- Neurological Disabilities
- Quadriplegia

- Spastic Diplegia
- Spastic Paraplegia
- Spastic Quadriplegia
- Other
- Not Available

The following is a graph of the distribution of participants by injury type group above. Spastic quadriplegia, cerebral palsy, and encephalopathy combine to make up about 75% of total benefit payments.

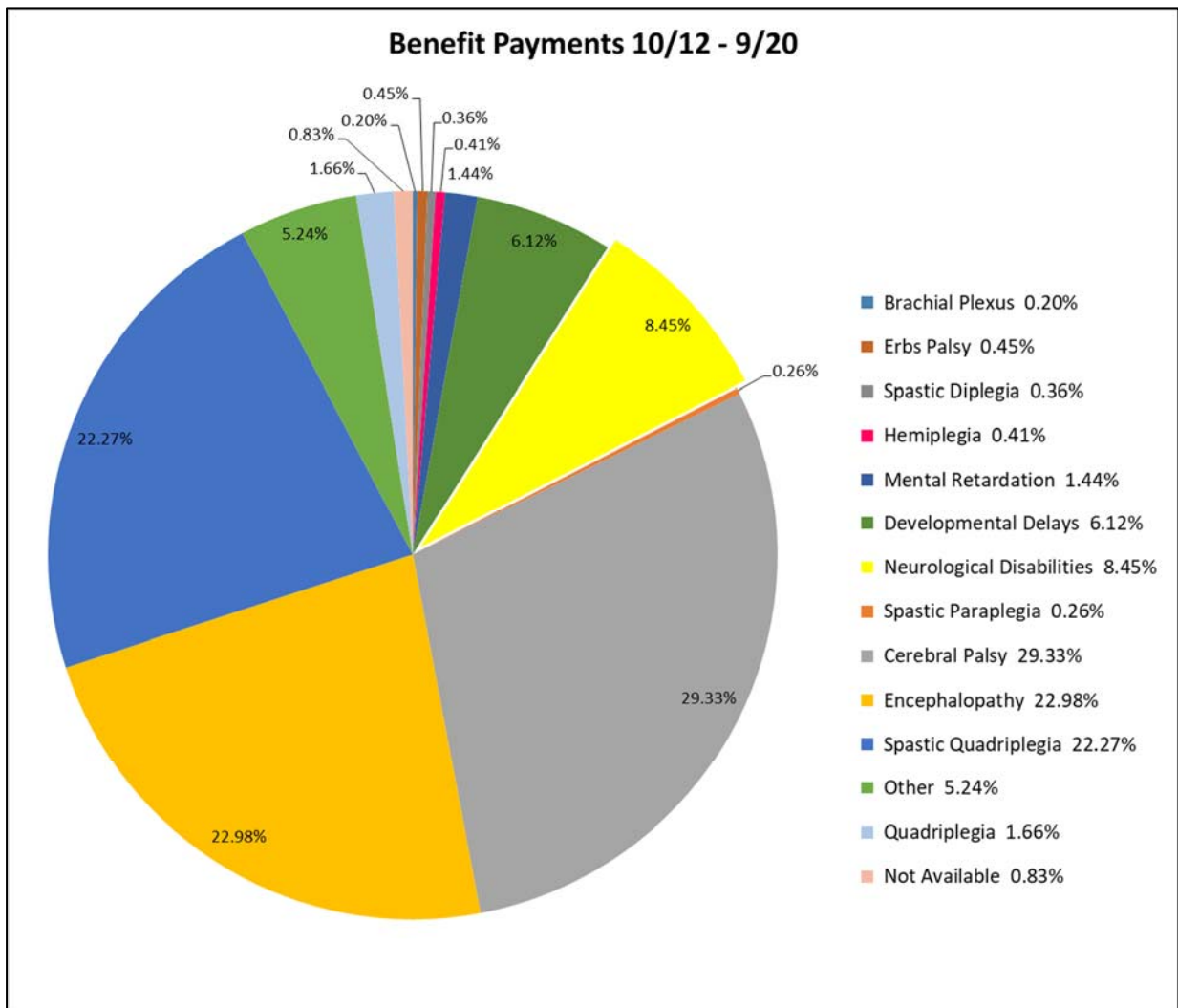


Chart 7: Benefit Payments by Injury Type

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

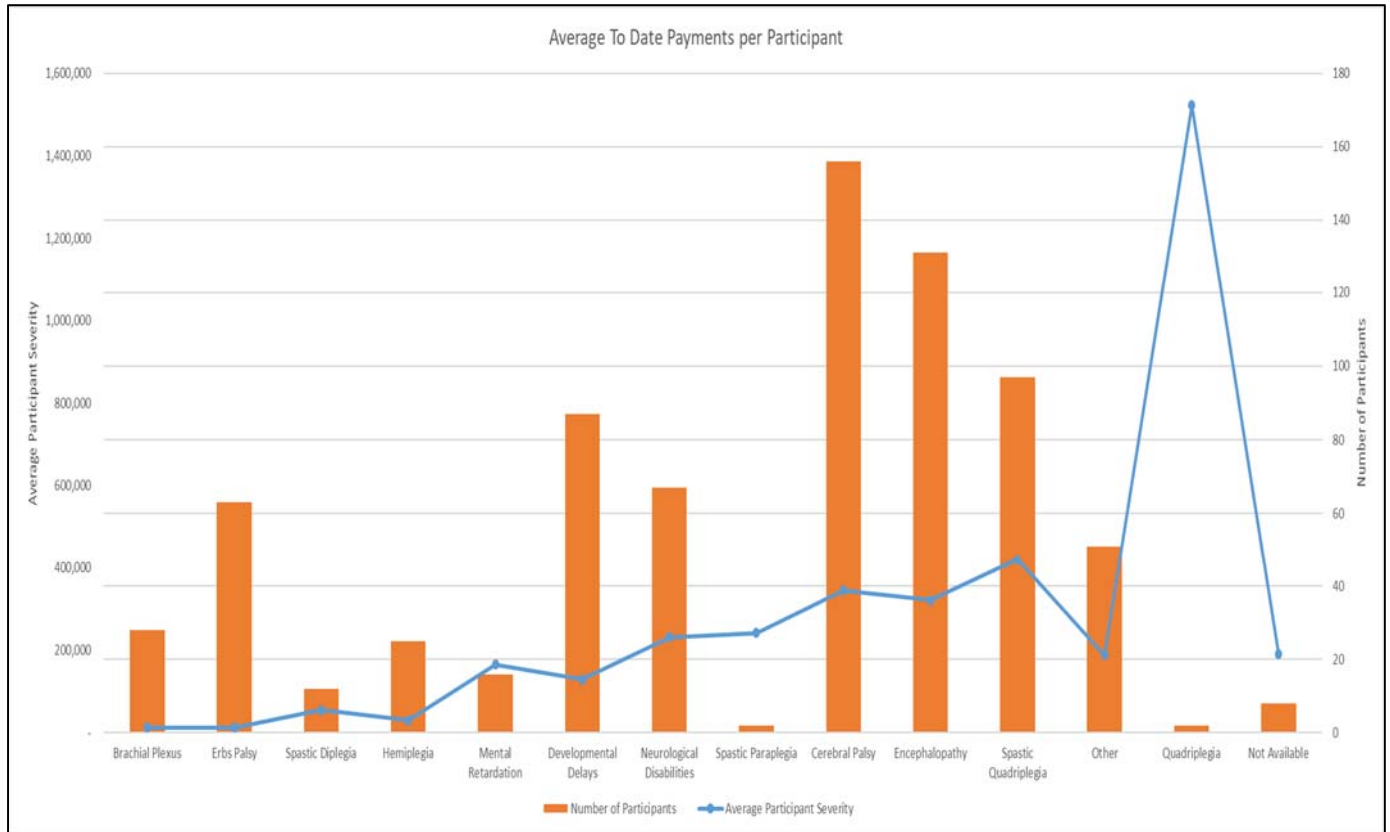


Chart 8: Average To Date Payments per Participant

Participants with injury types of Cerebral Palsy, Encephalopathy or Spastic Quadriplegia comprise approximately 52% of the total participants, but account for approximately 75% 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 31% 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 2019:

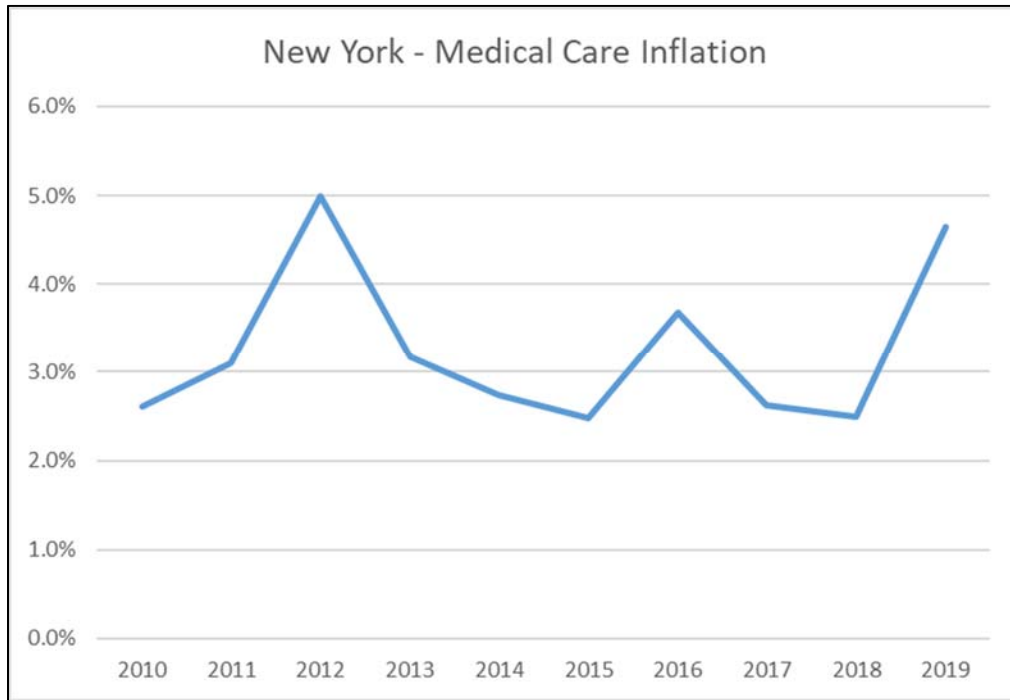


Chart 9: Medical Care Inflation in the State of New York

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

Inflation Rate Sensitivity Test (\$ in thousands, on a present value basis)			
	Inflation Rate	Surplus/ (Unfunded Liability)	Difference From Baseline
Baseline	2.5%	(2,094,006.0)	305,895.8
	3.0%	(2,399,901.8)	-
	3.5%	(2,764,388.9)	(364,487.1)
At 2.5% discount	3.5%	(2,426,507.0)	(26,605.2)

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. In Virginia, future expenses are closer to 5% of future benefit payments. As more participants join the Fund, we expect the per participant administrative costs to decrease under the current contract.

At the beginning of the fiscal year (March 31, 2020), we estimated \$5.788 million in administrative expenses during the upcoming 2020-2021 fiscal year (see Exhibit 2, Page 1 of our report for 2020 Q1). This number was based on expected, not actual, participant counts and did not include administrative expenses due to the Department. We annually compare expected administrative expenses to actual administrative expenses as a check on our estimates.

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 60% 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	1,249.00	56,789,558	45,468
Without Insurance	2,104.25	126,882,052	60,298
Not Available	3.75	159,300	42,480

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

Investment Earnings

The Fund earned \$5,214,165 of investment income during the period from 4/1/19 through 3/31/20. Over that period, we estimate the Fund’s average balance to be \$247,926,907, indicating a 2.1% investment return on the Fund balance. During the prior period (from 4/1/18 through 3/31/19), we estimated an average 1.9% investment return on the Fund’s investments (see our report as of 3/31/2019). 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%	(2,746,805.1)	(346,903.2)
	2.0%	(2,399,901.8)	-
	2.5%	(2,121,995.4)	277,906.4
At 3.5% inflation	2.5%	(2,426,507.0)	(26,605.2)

Table 12: Sensitivity of Results to Discount Rate

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

Distribution & Use

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

Pinnacle consents to reference by the Department to Pinnacle's reports, opinions, advice and firm name in documents released by or at the direction of the Department concerning such financial examination findings. In any instances other than the Department's final examination report regarding the review of reserves and solvency analysis of the Fund in which Pinnacle is identified as the source of a paraphrase, quotation or partial quotation, the Department shall notify Pinnacle prior to such publication, so that Pinnacle may review said reference(s).

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

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

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

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

Reliances & Limitations

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

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

This report includes graphs summarizing the Fund's raw data received for this and prior reports, information from the prior fiscal year-end report at March 31, 2020, 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

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

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
As of September 30, 2020
Fund Payments by Benefit Category

Benefit Category	2020Q3	2020Q2	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	738,862	456,717	2,713,732	2,080,094	1,723,663	1,111,413	868,110	573,589	263,209	35,184	10,564,575	5.33%		
Hospital Based Care	367,154	356,159	1,538,233	1,536,112	2,612,112	1,885,043	2,092,358	1,673,039	300,325	42,922	12,403,456	6.25%	Hospital/Physician	1.40%
Surgical Care	147,666	151,597	702,101	467,854	244,859	113,032	146,685	101,149	18,896	2,190	2,096,029	1.06%		
Nursing Care	7,940,509	7,292,069	26,034,310	20,018,097	15,456,991	10,627,012	8,153,130	6,438,280	2,345,151	552,120	104,857,670	52.86%	Nursing	66.07%
Dental Care	11,098	1,557	55,534	53,254	65,950	43,620	43,956	28,510	8,619	586	312,684	0.16%		
Rehabilitation Care	303,175	201,309	1,484,865	1,095,576	1,032,868	1,135,719	995,410	630,482	62,821	60,191	7,002,416	3.53%	Physical Therapy	2.59%
Custodial Care	1,939,662	1,472,453	4,515,716	2,980,583	2,143,798	1,131,480	485,434	69,581	9,248	-	14,747,954	7.43%		
Durable Med Equip	754,302	615,077	2,499,628	2,255,354	1,788,009	945,751	880,138	533,009	416,785	42,169	10,730,222	5.41%	Medical Equipment	1.75%
Home Modifications	79,409	665,043	2,238,494	2,090,972	1,743,688	1,208,614	674,666	700,673	292,218	6,110	9,699,886	4.89%	Housing	10.33%
Vehicle Modifications	14,865	157,541	109,925	111,415	334,887	249,284	153,585	180,606	37,247	-	1,349,354	0.68%	Vans	4.93%
Prescription and Non-Prescriptive Drugs	1,006,743	1,041,432	4,367,122	2,901,653	2,900,007	2,537,792	1,669,450	872,352	281,662	65,176	17,643,390	8.89%	Prescription Drugs	1.18%
Other Health Care Costs	786,546	615,828	1,985,409	1,662,641	693,265	46,590	38,122	43,311	12,976	360	5,885,048	2.97%	All Other	11.76%
Assistive Technology	39,091	-	44,567	76,132	616	500	1,244	-	-	-	162,151	0.08%		
Other Payments	116,147	94,985	372,140	173,062	83,211	64,014	14,022	7,404	(4)	8	924,989	0.47%		
Total	14,245,228	13,121,765	48,661,777	37,502,799	30,823,926	21,099,865	16,216,310	11,851,988	4,049,151	807,015	198,379,824	100.00%		

Notes

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

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
As of September 30, 2020
Fund Payments by Injury Category

Exhibit 1
Page 2

Injury Category	2020Q3	2020Q2	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	131,986	11,346	88,797	50,167	43,110	10,549	11,927	8,466	2,687	-	359,033	0.20%	28	3.76%	12,823	514	2,794
Erbs Palsy	113,861	106,269	242,763	172,564	95,773	32,885	34,007	25,640	3,617	-	827,378	0.45%	63	8.46%	13,133	953	3,473
Spastic Diplegia	59,187	56,733	138,269	112,766	113,869	58,214	65,865	53,702	-	-	658,606	0.36%	12	1.61%	54,884	203	12,977
Hemiplegia	74,732	50,844	196,484	148,477	67,331	86,939	18,250	52,271	53,464	4,331	753,121	0.41%	25	3.36%	30,125	426	7,072
Mental Retardation	91,574	86,562	401,450	312,398	576,004	433,236	514,888	176,580	32,714	14,964	2,640,371	1.44%	16	2.15%	165,023	377	28,015
Developmental Delays	647,127	1,011,002	2,546,704	1,887,943	1,507,988	1,251,998	1,265,010	949,237	152,790	389	11,220,188	6.12%	87	11.68%	128,968	1,598	28,086
Neurological Disabilities	977,435	750,636	3,157,064	3,837,485	3,097,854	1,788,924	1,130,909	571,830	169,875	17,260	15,499,272	8.45%	67	8.99%	231,332	1,303	47,580
Spastic Paraplegia	35,350	26,127	107,519	125,554	71,800	21,081	39,287	57,729	-	-	484,446	0.26%	2	0.27%	242,223	41	47,263
Cerebral Palsy	3,201,742	3,399,488	14,161,037	10,472,684	8,018,968	5,909,418	4,116,581	3,052,208	1,227,845	212,024	53,771,995	29.33%	156	20.94%	344,692	3,046	70,613
Encephalopathy	2,564,069	2,512,240	10,069,671	8,174,506	6,400,545	4,109,928	3,785,684	3,244,944	1,055,853	209,787	42,127,228	22.98%	131	17.58%	321,582	2,448	68,835
Spastic Quadriplegia	4,335,563	3,188,911	10,235,886	7,496,311	5,917,532	3,839,667	2,999,106	2,096,547	675,214	45,764	40,830,502	22.27%	97	13.02%	420,933	1,491	109,539
Other	615,882	611,165	2,356,342	1,357,326	1,699,827	892,244	640,451	707,892	492,737	233,864	9,607,731	5.24%	51	6.85%	188,387	738	52,074
Quadriplegia	416,380	208,205	746,728	452,194	493,110	327,236	272,060	127,694	-	-	3,043,608	1.66%	2	0.27%	1,521,804	43	283,126
Not Available	44,728	87,893	150,218	214,621	277,318	351,832	128,354	149,457	46,031	68,632	1,519,082	0.83%	8	1.07%	189,885	247	24,601
Total	13,309,616	12,107,422	44,598,930	34,814,996	28,381,030	19,114,151	15,022,378	11,274,197	3,912,827	807,015	183,342,561		745	100.00%	246,097	13,428	54,615

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, 2020
With 2.00% Discount

BALANCE SHEET

	Projections as of Fiscal Year-End											
	At 9/30/20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Assets												
Fund Balance	215,643.7	185,520.3	166,476.6	139,230.0	103,391.6	63,883.2	23,125.1	(18,904.5)	(62,216.1)	(106,808.2)	(152,609.4)	(198,110.8)
Liabilities												
Future Benefits for Current Participants	2,384,981.3	2,490,296.4	2,753,019.2	3,024,031.3	3,303,798.1	3,285,522.1	3,266,432.4	3,246,509.3	3,225,741.6	3,204,134.4	3,181,758.5	3,158,552.8
Future Administrative Expenses - PCG	192,136.9	211,284.9	230,522.1	249,470.3	267,952.9	261,109.0	254,380.0	247,764.2	241,260.4	234,866.9	228,582.0	222,403.8
Future Administrative Expenses - DOH/Treasury	38,427.4	42,257.0	46,104.4	49,894.1	53,590.6	52,221.8	50,876.0	49,552.8	48,252.1	46,973.4	45,716.4	44,480.8
Surplus/(Unfunded Liability)	(2,399,901.8)	(2,558,318.0)	(2,863,169.0)	(3,184,165.7)	(3,521,949.9)	(3,534,969.8)	(3,548,563.2)	(3,562,730.8)	(3,577,470.2)	(3,592,782.9)	(3,608,666.2)	(3,623,548.1)

INCOME STATEMENT

	At 9/30/20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Initial Fund Balance		215,643.7	185,520.3	166,476.6	139,230.0	103,391.6	63,883.2	23,125.1	(18,904.5)	(62,216.1)	(106,808.2)	(152,609.4)
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	52,000.0	52,000.0
Investment Income @ 2.00%		3,971.9	2,970.3	2,511.9	1,887.3	1,141.3	346.6	(473.1)	(1,318.0)	(2,188.4)	(3,083.3)	(3,987.3)
Benefit Payments		30,732.2	66,605.0	73,870.8	81,155.5	83,727.3	84,172.1	84,620.9	85,062.6	85,484.5	85,817.5	86,198.0
Administrative Expenses - PCG		2,936.2	5,981.0	6,445.5	7,113.7	7,451.2	7,446.7	7,434.7	7,415.2	7,388.3	7,354.0	7,316.1
Administrative Expenses - DOH/Treasury		426.9	1,428.0	1,442.3	1,456.7	1,471.2	1,486.0	1,500.8	1,515.8	1,531.0	1,546.3	-
Final Fund Balance	215,643.7	185,520.3	166,476.6	139,230.0	103,391.6	63,883.2	23,125.1	(18,904.5)	(62,216.1)	(106,808.2)	(152,609.4)	(198,110.8)
Change in Fund Balance		(30,123.4)	(19,043.7)	(27,246.6)	(35,838.5)	(39,508.4)	(40,758.1)	(42,029.5)	(43,311.7)	(44,592.1)	(45,801.1)	(45,501.4)
Coming Year Liabilities as % of Fund Assets		34.3%	49.1%	64.4%	89.6%	145.7%	404.6%	-497.2%	-151.7%	-88.7%	-61.3%	
Number of Participants												
Initial		733	765	848	931	1,013	1,003	992	980	967	954	939
Expected New		36	89	90	91	-	-	-	-	-	-	-
Expected Deceased		4	5	7	8	10	11	12	13	14	14	14
Final	733	765	848	931	1,013	1,003	992	980	967	954	939	925

Notes

Balance Sheet - Assets	Calculated in Income Statement
Balance Sheet - Liabilities	Future Benefits from Exhibit 5, Pages 4-6 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 - 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 % of Initial Fund Balance	= (Benefit Payments + Administrative Expenses) / Initial Fund Balance
Income Statement - 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, 2020
Undiscounted

BALANCE SHEET

	Projections as of Fiscal Year-End											
	At 9/30/20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Assets												
Fund Balance	215,643.7	181,548.4	159,534.4	129,775.9	92,050.1	51,400.4	10,295.6	(31,260.8)	(73,254.5)	(115,658.2)	(158,376.0)	(199,890.1)
Liabilities												
Future Benefits for Current Participants	4,404,115.6	4,633,367.7	5,204,328.2	5,809,265.5	6,450,202.9	6,487,676.0	6,523,572.1	6,557,798.3	6,590,271.8	6,620,922.0	6,649,760.1	6,676,634.8
Future Administrative Expenses - PCG	360,469.1	403,563.0	447,906.4	492,873.4	538,274.5	530,718.3	523,140.3	515,540.9	507,920.6	500,279.8	492,618.5	484,936.7
Future Administrative Expenses - DOH/Treasury	72,093.8	80,712.6	89,581.3	98,574.7	107,654.9	106,143.7	104,628.1	103,108.2	101,584.1	100,056.0	98,523.7	96,987.3
Surplus/(Unfunded Liability)	(4,621,034.8)	(4,936,094.8)	(5,582,281.5)	(6,270,937.7)	(7,004,082.1)	(7,073,137.6)	(7,141,044.8)	(7,207,708.2)	(7,273,031.1)	(7,336,915.94)	(7,399,278.28)	(7,458,449.00)

INCOME STATEMENT

	At 9/30/20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Initial Fund Balance		215,643.7	181,548.4	159,534.4	129,775.9	92,050.1	51,400.4	10,295.6	(31,260.8)	(73,254.5)	(115,658.2)	(158,376.0)
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	52,000.0
Benefit Payments		30,732.2	66,605.0	73,870.8	81,155.5	83,727.3	84,172.1	84,620.9	85,062.6	85,484.5	85,817.5	86,198.0
Administrative Expenses - PCG		2,936.2	5,981.0	6,445.5	7,113.7	7,451.2	7,446.7	7,434.7	7,415.2	7,388.3	7,354.0	7,316.1
Administrative Expenses - DOH/Treasury		426.9	1,428.0	1,442.3	1,456.7	1,471.2	1,486.0	1,500.8	1,515.8	1,531.0	1,546.3	-
Final Fund Balance	215,643.7	181,548.4	159,534.4	129,775.9	92,050.1	51,400.4	10,295.6	(31,260.8)	(73,254.5)	(115,658.2)	(158,376.0)	(199,890.1)
Change in Fund Balance		(34,095.3)	(22,014.0)	(29,758.5)	(37,725.8)	(40,649.7)	(41,104.7)	(41,556.5)	(41,993.6)	(42,403.7)	(42,717.8)	(41,514.1)
Coming Year Liabilities as % of Fund Assets		34.3%	51.2%	69.1%	100.7%	181.1%	908.7%	-300.7%	-128.9%	-81.9%	-59.0%	
Number of Participants												
Initial		733	765	848	931	1,013	1,003	992	980	967	954	939
Expected New		36	89	90	91	-	-	-	-	-	-	-
Expected Deceased		4	5	7	8	10	11	12	13	14	14	14
Final	733	765	848	931	1,013	1,003	992	980	967	954	939	925

Notes

Balance Sheet - Assets	Calculated in Income Statement
Balance Sheet - Liabilities	Future Benefits from Exhibit 5, Pages 1-3 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 - 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 % of Initial Fund Balance	= (Benefit Payments + Administrative Expenses) / Initial Fund Balance
Income Statement - 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, 2020

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	105.00	105.00	-	709.00	708.00	-	48,661,777	48,661,777	48,661,777	0
2nd Qtr 2020	23.00	27.71	4.71	732.00	735.71	3.71	13,121,765	13,121,765	13,121,765	0
3rd Qtr 2020	13.00	22.52	9.52	745.00	758.23	13.23	14,245,228	14,245,228	14,900,411	655,183
4th Qtr 2020		19.05	-	-	777.28	-	0	15,198,045	15,336,960	138,915
1st Qtr 2021		17.32	-	-	794.60	-	0	15,534,149	15,672,739	138,590
Fiscal 2020-21 Total to Date	36.00	50.23	14.23	745.00	758.23	13.23	27,366,993	27,366,993	28,022,176	932,688
Fiscal 2021-22 Total		88.53	-	-	846.76	-				
Fiscal 2022-23 Total		89.56	-	-	936.33	-				
Fiscal 2023-24 Total*		90.59	-	-	1,026.92	-				
Fiscal 2024-25 Total			-	-	1,026.92	-				
Fiscal 2025-26 Total			-	-	1,026.92	-				
Fiscal 2026-27 Total			-	-	1,026.92	-				
Fiscal 2027-28 Total			-	-	1,026.92	-				
Fiscal 2028-29 Total			-	-	1,026.92	-				
Fiscal 2029-30 Total			-	-	1,026.92	-				
Fiscal 2030-31 Total			-	-	1,026.92	-				

Notes

- (2a), (3a), (4a) Provided by Fund
- (2b), (3b) Based on Pinnacle estimates of future Fund participation rates
- (2c), (3c) Part (b) - Part (a) for both sections respectively
- (4b) Expected future benefit payments as of the current analysis
- (4c) Expected future benefit payments as of the prior analysis
- (4d) (4c) - (4b)
- * 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, 2020

Admittance Quarter	Living Participants	Incremental Severity per Participant by Participation Quarter																
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2011Q4	11	-	286	8,569	13,107	2,539	3,833	2,065	9,226	6,332	2,670	2,621	4,983	4,330	2,506	4,435	9,878	4,680
2012Q1	11	-	1,083	2,565	1,404	346	843	2,267	2,670	4,095	5,922	3,055	3,532	2,065	1,604	1,728	4,323	732
2012Q2	15	48	14,263	14,845	14,404	14,717	14,627	18,964	19,142	24,056	22,503	20,705	18,966	21,919	24,649	23,694	21,532	25,875
2012Q3	25	689	2,356	4,779	4,710	6,430	5,920	8,449	12,018	17,357	11,480	13,978	10,705	12,099	9,180	9,068	10,248	12,872
2012Q4	38	10	1,989	3,851	11,363	16,419	13,708	27,508	31,066	30,676	30,232	32,077	23,539	25,744	24,417	35,645	30,901	23,856
2013Q1	5	-	156	2,171	7,343	7,418	17,277	35,542	32,511	26,405	27,378	23,864	23,499	17,529	24,984	29,815	22,185	26,411
2013Q2	30	-	1,380	2,257	2,615	3,646	5,367	7,258	6,056	3,874	4,505	6,573	8,547	5,567	9,125	7,187	6,376	9,517
2013Q3	26	-	361	3,449	6,787	13,399	14,088	15,667	16,587	13,919	14,093	11,991	10,411	13,096	11,666	10,831	12,529	5,000
2013Q4	8	8	1,973	2,805	6,501	6,885	4,744	19,051	5,278	5,161	8,548	15,033	13,236	5,734	9,212	12,455	9,399	11,548
2014Q1	17	35	2,325	5,898	9,823	8,440	15,862	16,623	21,908	13,381	23,766	19,518	21,438	21,409	32,354	25,694	24,963	27,121
2014Q2	24	1,289	5,529	8,560	9,595	13,992	9,266	14,599	11,681	11,348	13,626	10,611	11,056	19,409	10,035	8,583	15,331	9,324
2014Q3	20	1,223	5,283	32,222	19,624	14,143	15,262	14,838	12,484	18,900	13,228	17,583	21,358	23,018	18,518	39,158	8,734	19,460
2014Q4	19	85	3,861	5,473	9,093	10,454	8,379	10,208	13,406	13,903	17,699	18,721	17,596	19,088	17,776	12,856	18,281	24,343
2015Q1	26	150	4,576	5,271	7,082	7,514	8,872	11,081	8,182	13,644	13,039	8,441	24,330	14,022	9,568	14,247	15,669	11,417
2015Q2	31	4,421	12,991	14,039	11,387	13,234	16,886	12,313	21,351	19,941	14,838	14,716	26,627	17,721	25,509	34,983	26,270	22,506
2015Q3	16	-	1,885	6,469	5,035	4,362	5,735	4,299	13,939	10,981	18,601	16,212	15,286	23,839	12,059	15,086	27,850	20,086
2015Q4	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	16,174	21,567
2016Q1	18	12	931	10,298	9,142	9,815	12,341	14,723	8,422	13,953	7,506	13,385	17,310	9,288	12,519	14,781	15,745	21,455
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	33,883	13,514
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	8,331	10,790
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	21,889	
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			
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				
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					
2018Q1	15	-	114	5,951	11,837	12,153	7,283	27,057	27,999	20,090	9,729	15,231						
2018Q2	15	-	1,768	5,748	7,862	12,327	24,376	17,287	24,406	11,241	11,487							
2018Q3	18	-	3,104	2,291	12,816	7,065	17,273	8,868	8,473	8,284								
2018Q4	20	-	358	12,740	18,775	21,730	42,739	15,231	26,599									
2019Q1	19	2	651	7,727	19,151	31,562	20,779	25,742										
2019Q2	25	-	1,228	8,634	8,176	29,107	14,428											
2019Q3	10	-	3,903	9,446	5,747	6,700												
2019Q4	41	171	8,362	12,315	26,403													
2020Q1	29	144	1,631	5,164														
2020Q2	23	-	9,524															
2020Q3	13	14																
Total	733																	

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, 2020

Admittance Quarter	Living Participants	Incremental Severity per Participant by Participation Quarter																		
		Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36
2011Q4	11	2,614	4,516	4,553	5,070	5,433	6,349	5,433	5,168	13,122	9,719	8,937	11,009	16,633	13,186	15,755	11,691	10,597	9,346	9,697
2012Q1	11	753	1,306	3,692	5,932	9,553	12,852	2,766	14,592	55,240	3,844	3,278	10,385	2,014	3,162	3,392	4,164	3,893	4,372	
2012Q2	15	23,286	22,464	25,066	29,353	28,463	23,256	47,581	34,446	29,018	42,196	27,129	27,768	31,817	42,774	36,619	32,550	50,227		
2012Q3	25	12,306	9,536	12,574	15,561	10,479	20,311	16,598	13,262	12,371	8,958	16,050	15,423	18,300	12,993	10,302	7,601			
2012Q4	38	27,316	46,825	40,156	20,090	40,543	20,434	45,752	50,732	35,330	51,431	36,757	50,842	40,847	45,773	41,095				
2013Q1	5	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	38,479					
2013Q2	30	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	8,989	5,455	4,491	6,246	12,642	5,386	8,352	6,414	6,450	7,937	6,023	6,746							
2013Q4	8	11,407	13,560	6,748	15,107	7,601	10,755	12,051	14,876	22,398	65,497	13,102								
2014Q1	17	16,497	25,539	44,600	19,930	14,739	29,049	22,389	25,496	16,386	17,997									
2014Q2	24	13,047	17,769	17,639	16,652	14,556	19,026	9,208	8,353	16,865										
2014Q3	20	23,341	24,812	22,963	24,914	26,748	30,849	24,177	53,940											
2014Q4	19	13,139	15,768	24,100	23,237	24,247	18,724	22,017												
2015Q1	26	14,305	17,001	21,162	16,697	19,957	13,729													
2015Q2	31	25,897	21,107	22,098	29,785	20,833														
2015Q3	16	16,124	17,035	14,880	14,727															
2015Q4	19	27,916	40,502	31,162																
2016Q1	18	14,937	9,958																	
2016Q2	35	27,744																		
2016Q3	22																			
2016Q4	14																			
2017Q1	19																			
2017Q2	28																			
2017Q3	17																			
2017Q4	11																			
2018Q1	15																			
2018Q2	15																			
2018Q3	18																			
2018Q4	20																			
2019Q1	19																			
2019Q2	25																			
2019Q3	10																			
2019Q4	41																			
2020Q1	29																			
2020Q2	23																			
2020Q3	13																			
Total	733																			

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, 2020

Admittance Quarter	Living Participants	Cumulative Severity by Fund Participation Quarter																
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2011Q4	11	-	286	8,855	21,962	24,500	28,334	30,399	39,625	45,957	48,628	51,248	56,231	60,561	63,067	67,501	77,380	82,060
2012Q1	11	-	1,083	3,648	5,052	5,397	6,240	8,508	11,177	15,273	21,195	24,251	27,783	29,848	31,451	33,179	37,502	38,234
2012Q2	15	48	14,310	29,155	43,560	58,277	72,904	91,867	111,009	135,065	157,568	178,273	197,239	219,159	243,808	267,502	289,033	314,908
2012Q3	25	689	3,045	7,823	12,534	18,964	24,884	33,333	45,351	62,708	74,188	88,166	98,871	110,970	120,150	129,218	139,466	152,339
2012Q4	38	10	1,999	5,850	17,213	33,633	47,340	74,848	105,914	136,589	166,821	198,898	222,437	248,181	272,599	308,244	339,144	363,000
2013Q1	5	-	156	2,327	9,670	17,088	34,365	69,907	102,417	128,822	156,200	180,064	203,563	221,092	246,076	275,891	298,075	324,486
2013Q2	30	-	1,380	3,637	6,252	9,897	15,265	22,523	28,579	32,452	36,957	43,531	52,078	57,645	66,770	73,957	80,334	89,851
2013Q3	26	-	361	3,810	10,597	23,996	38,084	53,751	70,338	84,257	98,350	110,341	120,752	133,848	145,514	156,345	168,874	173,874
2013Q4	8	8	1,981	4,786	11,287	18,173	22,917	41,967	47,246	52,406	60,955	75,988	89,224	94,958	104,169	116,624	126,024	137,572
2014Q1	17	35	2,361	8,258	18,081	26,521	42,383	59,006	80,914	94,295	118,062	137,580	159,018	180,427	212,781	238,475	263,437	290,558
2014Q2	24	1,289	6,819	15,379	24,974	38,966	48,232	62,831	74,512	85,860	99,486	110,097	121,153	140,562	150,597	159,180	174,511	183,835
2014Q3	20	1,223	6,506	38,728	58,353	72,496	87,758	102,596	115,080	133,980	147,207	164,791	186,149	209,167	227,684	266,843	275,576	295,036
2014Q4	19	85	3,945	9,418	18,511	28,965	37,344	47,552	60,958	74,861	92,560	111,281	128,877	147,965	165,741	178,597	196,878	221,221
2015Q1	26	150	4,726	9,997	17,079	24,593	33,465	44,546	52,728	66,372	79,412	87,853	112,183	126,205	135,772	150,019	165,688	177,105
2015Q2	31	4,421	17,412	31,452	42,839	56,073	72,958	85,272	106,623	126,564	141,401	156,117	182,744	200,466	225,975	260,958	287,228	309,734
2015Q3	16	-	1,885	8,354	13,389	17,751	23,486	27,785	41,724	52,705	71,305	87,517	102,803	126,643	138,702	153,788	181,638	201,724
2015Q4	19	202	5,575	10,374	19,427	36,340	47,451	60,732	70,243	77,919	92,776	109,460	125,608	150,808	168,743	179,182	195,356	216,923
2016Q1	18	12	942	11,240	20,382	30,198	42,538	57,262	65,684	79,637	87,143	100,527	117,837	127,125	139,645	154,425	170,171	191,626
2016Q2	35	290	2,329	6,928	14,477	20,249	32,140	39,191	54,512	77,893	97,081	119,953	143,118	158,714	170,128	193,346	227,229	240,743
2016Q3	22	-	4,303	13,624	21,774	31,536	39,242	48,218	55,283	64,676	72,221	77,086	87,058	96,443	105,695	114,793	123,124	133,914
2016Q4	14	-	11,232	22,473	40,633	53,460	76,841	88,167	115,599	128,528	154,229	170,666	185,434	202,700	223,371	242,874	264,763	
2017Q1	19	-	6,444	15,611	40,473	53,126	70,164	80,481	92,815	100,724	113,610	125,796	138,970	158,692	184,598	203,810		
2017Q2	28	340	6,326	12,929	26,440	37,843	53,429	63,607	76,438	88,903	102,093	116,050	128,803	141,662	152,567			
2017Q3	17	44	1,864	7,053	17,520	28,181	42,527	57,754	93,292	111,639	139,295	167,486	180,533	192,699				
2017Q4	11	83	1,299	25,965	47,285	50,941	122,960	145,867	152,349	168,235	186,838	231,753	248,711					
2018Q1	15	-	114	6,065	17,902	30,055	37,338	64,395	92,393	112,484	122,213	137,444						
2018Q2	15	-	1,768	7,516	15,377	27,704	52,080	69,368	93,774	105,015	116,502							
2018Q3	18	-	3,104	5,395	18,211	25,276	42,549	51,416	59,890	68,174								
2018Q4	20	-	358	13,097	31,872	53,602	96,341	111,572	138,171									
2019Q1	19	2	653	8,380	27,531	59,094	79,873	105,615										
2019Q2	25	-	1,228	9,862	18,037	47,144	61,572											
2019Q3	10	-	3,903	13,349	19,096	25,796												
2019Q4	41	171	8,532	20,848	47,251													
2020Q1	29	144	1,775	6,939														
2020Q2	23	-	9,524															
2020Q3	13	14																
Total	733																	

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, 2020

Admittance Quarter	Living Participants	Cumulative Severity by Fund Participation Quarter																		
		Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36
2011Q4	11	84,674	89,190	93,743	98,814	104,246	110,595	116,028	121,196	134,317	144,037	152,974	163,983	180,616	193,802	209,557	221,249	231,846	241,191	250,888
2012Q1	11	38,987	40,293	43,985	49,917	59,470	72,322	75,087	89,679	144,919	148,763	152,042	162,426	164,440	167,601	170,994	175,158	179,051	183,423	
2012Q2	15	338,195	360,658	385,724	415,077	443,540	466,797	514,378	548,823	577,841	620,036	647,166	674,934	706,751	749,525	786,144	818,695	868,921		
2012Q3	25	164,644	174,180	186,754	202,315	212,794	233,104	249,702	262,964	275,335	284,293	300,343	315,765	334,065	347,058	357,361	364,962			
2012Q4	38	390,316	437,141	477,297	497,387	537,930	558,364	604,116	654,848	690,178	741,608	778,365	829,207	870,054	915,827	956,923				
2013Q1	5	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	842,851					
2013Q2	30	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	182,862	188,317	192,809	199,054	211,696	217,082	225,434	231,847	238,297	246,234	252,257	259,003							
2013Q4	8	148,979	162,539	169,287	184,394	191,995	202,749	214,800	229,676	252,075	317,572	330,674								
2014Q1	17	307,055	332,594	377,194	397,124	411,863	440,912	463,301	488,797	505,183	523,180									
2014Q2	24	196,881	214,651	232,290	248,942	263,498	282,524	291,732	300,085	316,950										
2014Q3	20	318,377	343,189	366,152	391,066	417,815	448,663	472,841	526,780											
2014Q4	19	234,360	250,128	274,228	297,465	321,712	340,437	362,453												
2015Q1	26	191,410	208,411	229,573	246,270	266,227	279,955													
2015Q2	31	335,630	356,737	378,835	408,620	429,453														
2015Q3	16	217,848	234,883	249,763	264,490															
2015Q4	19	244,840	285,342	316,504																
2016Q1	18	206,563	216,521																	
2016Q2	35	268,488																		
2016Q3	22																			
2016Q4	14																			
2017Q1	19																			
2017Q2	28																			
2017Q3	17																			
2017Q4	11																			
2018Q1	15																			
2018Q2	15																			
2018Q3	18																			
2018Q4	20																			
2019Q1	19																			
2019Q2	25																			
2019Q3	10																			
2019Q4	41																			
2020Q1	29																			
2020Q2	23																			
2020Q3	13																			
Total	733																			

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, 2020

Admittance Quarter	Living Participants	Incremental Benefits Paid by Fund Participation Quarter																
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2011Q4	11	-	3,146	94,260	144,173	27,926	42,167	22,720	101,483	69,656	29,373	28,827	54,812	47,626	27,564	48,782	108,661	51,481
2012Q1	11	-	11,909	28,215	15,444	3,802	9,275	24,942	29,365	45,050	65,147	33,607	38,857	22,710	17,639	19,004	47,555	8,050
2012Q2	15	717	213,939	222,675	216,063	220,760	219,402	284,456	287,128	360,835	337,540	310,577	284,497	328,790	369,738	355,414	322,973	388,125
2012Q3	25	17,222	58,895	119,468	117,755	160,748	148,012	211,218	300,445	433,929	286,997	349,458	267,625	302,467	229,506	226,706	256,203	321,808
2012Q4	38	371	75,588	146,333	431,812	623,934	520,889	1,045,294	1,180,508	1,165,671	1,148,800	1,218,933	894,490	978,263	927,857	1,354,514	1,174,223	906,524
2013Q1	5	-	780	10,857	36,713	37,090	86,384	177,708	162,554	132,023	136,890	119,318	117,497	87,645	124,918	149,075	110,923	132,056
2013Q2	30	-	41,406	67,708	78,441	109,369	161,013	217,746	181,675	116,207	135,157	197,202	256,410	167,023	273,743	215,624	191,285	285,507
2013Q3	26	-	9,394	89,664	176,462	348,379	366,278	407,351	431,269	361,886	366,426	311,761	270,692	340,485	303,320	281,603	325,761	129,991
2013Q4	8	60	15,787	22,442	52,010	55,080	37,953	152,406	42,227	41,285	68,386	120,264	105,891	45,872	73,694	99,640	75,194	92,384
2014Q1	17	602	39,529	100,258	166,996	143,474	269,659	282,592	372,432	227,482	404,028	331,801	364,447	363,952	550,020	436,798	424,367	461,052
2014Q2	24	30,945	132,707	205,442	230,289	335,796	222,383	350,374	280,346	272,353	327,022	254,665	265,346	465,824	240,840	205,985	367,940	223,774
2014Q3	20	24,460	105,657	644,449	392,488	282,863	305,247	296,763	249,677	377,991	264,554	351,669	427,155	460,362	370,354	783,163	174,676	389,194
2014Q4	19	1,609	73,351	103,984	172,768	198,623	159,203	193,955	254,713	264,161	336,275	355,696	334,321	362,678	337,740	244,266	347,343	462,515
2015Q1	26	3,902	118,971	137,048	184,125	195,370	230,680	288,099	212,728	354,753	339,026	219,468	632,582	364,574	248,757	370,420	407,394	296,841
2015Q2	31	137,049	402,726	435,224	352,996	410,257	523,451	381,714	661,892	618,164	459,971	456,194	825,441	549,361	790,790	1,084,462	814,368	697,691
2015Q3	16	-	30,164	103,507	80,558	69,794	91,758	68,778	223,018	175,695	297,615	259,387	244,576	381,432	192,952	241,371	445,606	321,371
2015Q4	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	307,314	409,781
2016Q1	18	210	16,754	185,361	164,559	176,678	222,131	265,022	151,593	251,157	135,105	240,923	311,580	167,178	225,351	266,054	283,418	386,185
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	1,185,904	473,004
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	183,271	237,380
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	306,447	-
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	-	-	-
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	-	-	-	-
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	-	-	-	-	-
2018Q1	15	-	1,706	89,268	177,560	182,290	109,247	405,850	419,980	301,351	145,941	228,459	-	-	-	-	-	-
2018Q2	15	-	26,518	86,218	117,923	184,907	365,639	259,310	366,091	168,617	172,302	-	-	-	-	-	-	-
2018Q3	18	-	55,875	41,230	230,697	127,167	310,909	159,618	152,516	149,118	-	-	-	-	-	-	-	-
2018Q4	20	-	7,151	254,792	375,503	434,592	854,774	304,617	531,987	-	-	-	-	-	-	-	-	-
2019Q1	19	43	12,364	146,822	363,869	599,678	394,806	489,103	-	-	-	-	-	-	-	-	-	-
2019Q2	25	-	30,693	215,848	204,388	727,671	360,701	-	-	-	-	-	-	-	-	-	-	-
2019Q3	10	-	39,033	94,459	57,469	66,998	-	-	-	-	-	-	-	-	-	-	-	-
2019Q4	41	7,002	342,828	504,930	1,082,530	-	-	-	-	-	-	-	-	-	-	-	-	-
2020Q1	29	4,181	47,286	149,758	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020Q2	23	-	219,045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020Q3	13	187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	733	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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, 2020

Admittance Quarter	Living Participants	Incremental Benefits Paid by Fund Participation Quarter																Total			
		Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33		Q34	Q35	Q36
2011Q4	11	28,752	49,678	50,087	55,775	59,762	69,834	59,758	56,849	144,337	106,913	98,308	121,098	182,965	145,051	173,303	128,606	116,570	102,802	106,664	2,759,770
2012Q1	11	8,287	14,368	40,610	65,249	105,081	141,372	30,423	160,512	607,638	42,285	36,061	114,231	22,149	34,779	37,316	45,809	42,822	48,093		2,017,656
2012Q2	15	349,296	336,954	375,984	440,301	426,941	348,845	713,715	516,684	435,265	632,934	406,936	416,523	477,262	641,614	549,281	488,256	753,403			13,033,822
2012Q3	25	307,643	238,399	314,347	389,016	261,971	507,772	414,951	331,539	309,276	223,944	401,243	385,568	457,496	324,832	257,553	190,033				9,124,046
2012Q4	38	1,038,009	1,779,355	1,525,926	763,402	1,540,636	776,503	1,738,563	1,927,812	1,342,537	1,954,365	1,396,773	1,931,997	1,552,175	1,739,388	1,561,621					36,363,066
2013Q1	5	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	192,394						4,214,255
2013Q2	30	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							9,151,110
2013Q3	26	233,702	141,831	116,773	162,384	328,688	140,031	217,140	166,754	167,698	206,360	156,590	175,392								6,734,067
2013Q4	8	91,257	108,478	53,984	120,859	60,805	86,037	96,409	119,008	179,187	523,978	104,815									2,645,391
2014Q1	17	280,450	434,155	758,208	338,804	250,559	493,832	380,612	433,439	278,562	305,956										8,894,067
2014Q2	24	313,120	426,463	423,346	399,652	349,347	456,615	220,993	200,477	404,766											7,606,811
2014Q3	20	466,826	496,231	459,264	498,283	534,967	616,974	483,546	1,078,794												10,535,608
2014Q4	19	249,641	299,587	457,909	441,494	460,699	355,764	418,314													6,886,610
2015Q1	26	371,925	442,027	550,201	434,119	518,889	356,943														7,278,843
2015Q2	31	802,793	654,317	685,037	923,324	645,819															13,313,041
2015Q3	16	257,980	272,563	238,079	235,634																4,231,837
2015Q4	19	530,408	769,545	592,069																	6,013,569
2016Q1	18	268,874	179,249																		3,897,383
2016Q2	35	971,052																			9,397,066
2016Q3	22																				2,946,101
2016Q4	14																				3,706,680
2017Q1	19																				3,872,392
2017Q2	28																				4,271,868
2017Q3	17																				3,275,875
2017Q4	11																				2,735,819
2018Q1	15																				2,061,654
2018Q2	15																				1,747,527
2018Q3	18																				1,227,130
2018Q4	20																				2,763,418
2019Q1	19																				2,006,686
2019Q2	25																				1,539,300
2019Q3	10																				257,959
2019Q4	41																				1,937,290
2020Q1	29																				201,226
2020Q2	23																				219,045
2020Q3	13																				187
Total	733																				198,868,173

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, 2020

Admittance Quarter	Living Participants	Cumulative Benefits by Fund Participation Quarter																
		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2011Q4	11	-	3,146	97,406	241,579	269,505	311,672	334,391	435,875	505,531	534,904	563,731	618,543	666,169	693,733	742,515	851,176	902,658
2012Q1	11	-	11,909	40,124	55,568	59,370	68,645	93,587	122,952	168,002	233,149	266,756	305,613	328,323	345,962	364,966	412,521	420,571
2012Q2	15	717	214,656	437,331	653,394	874,153	1,093,555	1,378,011	1,665,139	2,025,974	2,363,513	2,674,090	2,958,587	3,287,378	3,657,115	4,012,529	4,335,502	4,723,627
2012Q3	25	17,222	76,117	195,585	313,341	474,089	622,100	833,319	1,133,763	1,567,693	1,854,690	2,204,148	2,471,773	2,774,240	3,003,745	3,230,451	3,486,654	3,808,463
2012Q4	38	371	75,958	222,292	654,104	1,278,038	1,798,927	2,844,220	4,024,728	5,190,399	6,339,199	7,558,133	8,452,623	9,430,886	10,358,743	11,713,258	12,887,481	13,794,005
2013Q1	5	-	780	11,637	48,351	85,440	171,825	349,533	512,087	644,110	781,000	900,318	1,017,815	1,105,460	1,230,378	1,379,453	1,490,376	1,622,432
2013Q2	30	-	41,406	109,114	187,555	296,924	457,936	675,682	857,357	973,565	1,108,721	1,305,923	1,562,333	1,729,356	2,003,100	2,218,724	2,410,008	2,695,515
2013Q3	26	-	9,394	99,058	275,521	623,900	990,178	1,397,528	1,828,797	2,190,683	2,557,109	2,868,870	3,139,562	3,480,047	3,783,367	4,064,970	4,390,731	4,520,722
2013Q4	8	60	15,848	38,290	90,300	145,380	183,334	335,739	377,966	419,251	487,637	607,900	713,791	759,662	833,356	932,996	1,008,190	1,100,574
2014Q1	17	602	40,131	140,389	307,385	450,858	720,517	1,003,109	1,375,541	1,603,023	2,007,051	2,338,852	2,703,299	3,067,251	3,617,271	4,054,069	4,478,436	4,939,488
2014Q2	24	30,945	163,652	369,094	599,383	935,179	1,157,563	1,507,937	1,788,283	2,060,636	2,387,658	2,642,323	2,907,669	3,373,493	3,614,333	3,820,318	4,188,258	4,412,032
2014Q3	20	24,460	130,117	774,566	1,167,055	1,449,918	1,755,165	2,051,928	2,301,605	2,679,596	2,944,150	3,295,818	3,722,974	4,183,336	4,553,690	5,336,853	5,511,529	5,900,724
2014Q4	19	1,609	74,960	178,944	351,712	550,336	709,539	903,494	1,158,207	1,422,368	1,758,643	2,114,339	2,448,660	2,811,338	3,149,078	3,393,344	3,740,687	4,203,202
2015Q1	26	3,902	122,872	259,920	444,045	639,416	870,096	1,158,195	1,370,923	1,725,676	2,064,703	2,284,171	2,916,752	3,281,327	3,530,084	3,900,504	4,307,898	4,604,738
2015Q2	31	137,049	539,776	974,999	1,327,995	1,738,252	2,261,703	2,643,417	3,305,309	3,923,472	4,383,444	4,839,638	5,665,079	6,214,440	7,005,230	8,089,692	8,904,060	9,601,751
2015Q3	16	-	30,164	133,672	214,230	284,024	375,782	444,559	667,577	843,272	1,140,887	1,400,274	1,644,850	2,026,282	2,219,234	2,460,605	2,906,211	3,227,582
2015Q4	19	3,829	105,918	197,098	369,117	690,453	901,560	1,153,908	1,334,617	1,480,454	1,762,744	2,079,742	2,386,561	2,865,356	3,206,110	3,404,452	3,711,766	4,121,546
2016Q1	18	210	16,964	202,325	366,884	543,562	765,693	1,030,715	1,182,308	1,433,465	1,568,570	1,809,493	2,121,073	2,288,252	2,513,603	2,779,657	3,063,075	3,449,260
2016Q2	35	10,141	81,508	242,464	506,706	708,716	1,124,888	1,371,684	1,907,933	2,726,253	3,397,852	4,198,370	5,009,147	5,554,999	5,954,464	6,767,105	7,953,009	8,426,013
2016Q3	22	-	94,668	299,734	479,029	693,799	863,335	1,060,799	1,216,227	1,422,862	1,588,866	1,695,901	1,915,267	2,121,750	2,325,299	2,525,450	2,708,721	2,946,101
2016Q4	14	-	157,250	314,616	568,864	748,435	1,075,778	1,234,343	1,618,380	1,799,397	2,159,210	2,389,320	2,596,078	2,837,797	3,127,198	3,400,234	3,706,680	
2017Q1	19	-	122,431	296,602	768,985	1,009,395	1,333,113	1,529,136	1,763,480	1,913,762	2,158,595	2,390,116	2,640,438	3,015,154	3,507,358	3,872,392		
2017Q2	28	9,506	177,133	362,013	740,316	1,059,618	1,496,005	1,780,991	2,140,269	2,489,296	2,858,602	3,249,397	3,606,496	3,966,550	4,271,868			
2017Q3	17	750	31,689	119,904	297,834	479,072	722,964	981,814	1,585,971	1,897,860	2,368,020	2,847,261	3,069,066	3,275,875				
2017Q4	11	910	14,294	285,615	520,139	560,348	1,352,557	1,604,533	1,675,844	1,850,584	2,055,219	2,549,286	2,735,819					
2018Q1	15	-	1,706	90,975	268,535	450,825	560,073	965,923	1,385,902	1,687,253	1,833,194	2,061,654						
2018Q2	15	-	26,518	112,736	230,660	415,567	781,205	1,040,516	1,406,607	1,575,224	1,747,527							
2018Q3	18	-	55,875	97,105	327,802	454,969	765,878	925,496	1,078,012	1,227,130								
2018Q4	20	-	7,151	261,944	637,447	1,072,039	1,926,813	2,231,430	2,763,418									
2019Q1	19	43	12,408	159,229	523,098	1,122,777	1,517,573	2,006,686										
2019Q2	25	-	30,693	246,541	450,929	1,178,600	1,539,300											
2019Q3	10	-	39,033	133,492	190,961	257,959												
2019Q4	41	7,002	349,830	854,760	1,937,290													
2020Q1	29	4,181	51,468	201,226														
2020Q2	23	-	219,045															
2020Q3	13	187																
Total	733																	

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, 2020

Admittance Quarter	Living Participants	Cumulative Benefits by Fund Participation Quarter														Total					
		Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31		Q32	Q33	Q34	Q35	Q36
2011Q4	11	931,410	981,088	1,031,175	1,086,949	1,146,711	1,216,546	1,276,304	1,333,154	1,477,490	1,584,403	1,682,712	1,803,809	1,986,774	2,131,825	2,305,128	2,433,734	2,550,304	2,653,106	2,759,770	
2012Q1	11	428,858	443,225	483,835	549,084	654,165	795,538	825,961	986,473	1,594,111	1,636,396	1,672,457	1,786,689	1,808,837	1,843,616	1,880,932	1,926,741	1,969,564	2,017,656	2,017,656	
2012Q2	15	5,072,924	5,409,877	5,785,861	6,226,162	6,653,103	7,001,948	7,715,663	8,232,347	8,667,612	9,300,547	9,707,483	10,124,006	10,601,268	11,242,882	11,792,163	12,280,419	13,033,822		13,033,822	
2012Q3	25	4,116,105	4,354,505	4,668,852	5,057,868	5,319,839	5,827,611	6,242,562	6,574,100	6,883,377	7,107,321	7,508,564	7,894,132	8,351,628	8,676,460	8,934,013	9,124,046			9,124,046	
2012Q4	38	14,832,013	16,611,368	18,137,294	18,900,696	20,441,331	21,217,834	22,956,397	24,884,209	26,226,747	28,181,111	29,577,884	31,509,881	33,062,056	34,801,444	36,363,066				36,363,066	
2013Q1	5	1,781,597	1,956,855	2,087,267	2,248,419	2,470,309	2,574,247	2,758,629	2,974,764	3,255,495	3,440,508	3,660,182	3,828,906	4,021,861	4,214,255					4,214,255	
2013Q2	30	2,941,926	3,082,271	3,466,545	3,711,877	4,000,673	4,208,410	4,724,637	5,220,770	5,858,081	6,749,893	7,705,538	8,284,603	9,151,110						9,151,110	
2013Q3	26	4,754,424	4,896,255	5,013,028	5,175,413	5,504,101	5,644,132	5,861,273	6,028,027	6,195,725	6,402,085	6,558,675	6,734,067							6,734,067	
2013Q4	8	1,191,831	1,300,310	1,354,293	1,475,152	1,535,957	1,621,994	1,718,403	1,837,411	2,016,598	2,540,576	2,645,391								2,645,391	
2014Q1	17	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									8,894,067	
2014Q2	24	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										7,606,811	
2014Q3	20	6,367,549	6,863,780	7,323,044	7,821,327	8,356,294	8,973,268	9,456,814	10,535,608												10,535,608
2014Q4	19	4,452,843	4,752,430	5,210,338	5,651,832	6,112,531	6,468,296	6,886,610													6,886,610
2015Q1	26	4,976,664	5,418,691	5,968,892	6,403,010	6,921,900	7,278,843														7,278,843
2015Q2	31	10,404,544	11,058,861	11,743,898	12,667,222	13,313,041															13,313,041
2015Q3	16	3,485,562	3,758,125	3,996,203	4,231,837																4,231,837
2015Q4	19	4,651,954	5,421,500	6,013,569																	6,013,569
2016Q1	18	3,718,134	3,897,383																		3,897,383
2016Q2	35	9,397,066																			9,397,066
2016Q3	22																				2,946,101
2016Q4	14																				3,706,680
2017Q1	19																				3,872,392
2017Q2	28																				4,271,868
2017Q3	17																				3,275,875
2017Q4	11																				2,735,819
2018Q1	15																				2,061,654
2018Q2	15																				1,747,527
2018Q3	18																				1,227,130
2018Q4	20																				2,763,418
2019Q1	19																				2,006,686
2019Q2	25																				1,539,300
2019Q3	10																				257,959
2019Q4	41																				1,937,290
2020Q1	29																				201,226
2020Q2	23																				219,045
2020Q3	13																				187
Total	733																				198,868,173

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

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Projected Incremental Discounted Payments per Participant by Admittance Quarter
As of September 30, 2020

Table with columns: Admittance Quarter, Participants, Q55-Q80, After Q80, Total. Rows include quarterly data from 2011Q4 to 2020Q3 and a Total row.

Sources:

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

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Expected Fund Payments by Admittance Year - All Participants
As of September 30, 2020

Exhibit 6

Page 1

Fiscal Year (1)	Live Births (2)	Admitted Participants (3)	Cumulative Benefit Payments (4)	Adjusted Benefit Payments (5)	Expected Benefit Payments (6)	Expected % of Benefits Paid (7)	Development of Current Payments (8)	B-F Indicated Benefit Payments (9)	Selected Ultimate Payments (10)	Indicated Ultimate Severity (11)
2011	239,608	22	4,986,482	4,023,834	36,170,443	10.33%	39,905,394	37,419,545	38,662,470	1,757,385
2012	238,237	86	63,085,766	54,063,690	499,728,104	9.19%	597,599,341	516,911,408	557,255,375	6,479,714
2013	235,956	84	27,403,627	23,331,418	211,816,970	8.05%	293,980,184	222,173,841	258,077,013	3,072,345
2014	237,491	91	32,262,306	26,855,036	310,846,036	6.95%	391,595,045	321,492,481	356,543,763	3,918,063
2015	235,139	85	27,382,290	22,025,598	262,921,558	5.88%	379,708,077	274,834,413	327,271,245	3,850,250
2016	231,623	91	19,868,188	15,178,456	246,569,907	4.80%	320,966,334	254,604,939	287,785,636	3,162,480
2017	232,920	72	12,320,071	9,147,069	166,663,018	3.72%	249,168,132	172,785,901	210,977,017	2,930,236
2018	231,603	73	7,713,907	5,736,859	147,638,421	2.64%	219,105,713	151,451,504	185,278,609	2,538,063
2019	230,287	105	3,944,219	2,915,389	304,726,899	1.57%	186,522,862	303,881,760	303,881,760	2,894,112
2020	228,971	36	221,557	162,394	125,448,609	0.53%	30,906,087	125,009,740	125,009,740	3,472,493
Total		745	199,188,414	163,439,743	2,312,529,966		2,709,457,170	2,380,565,532	2,650,742,627	3,558,044

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 09/30/20
- (4) Provided by MIF; includes 8.2% load for prescription drugs
- (5) Adjusted to reflect pre-legislation payment levels
- (6), (7) Pinnacle estimate of expected payments and payment distributions based on admittance year and 3.0% inflation rate
- (8) $\text{Col (5) / Col (7) + [Col (4) - Col (5)]}$
- (9) $\text{Col (4) + \{Col (6) x [1 - Col (7)]\}}$
- (10) Selected based on Cols (8) and (9)
- (11) $\text{Col (10) / Col (3)}$

New York State Department of Health
Quarterly Analysis of New York Medical Indemnity Fund
Average Payments per Participant by Admittance Quarter
As of September 30, 2020

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	-	9.8%	2,567,707	28,244,781	2,004,233	22,046,558	2,986,019	3,070,797	33,778,771
2012Q1	11	0	-	9.5%	1,935,214	21,287,349	1,510,537	16,615,911	1,990,530	2,044,262	22,486,880
2012Q2	15	1	276,786	9.2%	9,258,835	139,159,307	7,361,589	110,700,618	11,060,096	11,388,812	171,108,972
2012Q3	25	0	-	8.9%	4,104,024	102,600,606	3,264,733	81,618,332	5,380,484	5,523,908	138,097,702
2012Q4	38	2	1,382,899	8.6%	10,703,755	408,125,595	8,507,348	324,662,120	12,673,788	13,035,206	496,720,723
2013Q1	5	0	-	8.3%	10,125,588	50,627,940	8,054,861	40,274,304	11,734,624	12,068,889	60,344,443
2013Q2	30	0	-	8.0%	3,790,282	113,708,471	3,045,545	91,366,348	3,360,573	3,472,625	104,178,754
2013Q3	26	1	2,127,253	7.8%	2,279,856	61,403,513	1,815,820	49,338,582	4,337,365	4,456,066	117,984,967
2013Q4	8	0	-	7.5%	4,411,533	35,292,265	3,544,729	28,357,829	4,613,379	4,741,783	37,934,264
2014Q1	17	2	959,711	7.2%	6,460,088	110,781,211	5,179,679	89,014,254	8,066,821	8,288,578	141,865,540
2014Q2	24	1	1,553,019	7.0%	3,627,346	88,609,331	2,739,066	67,290,612	5,758,415	5,922,488	143,692,738
2014Q3	20	0	-	6.7%	7,882,410	157,648,201	5,985,963	119,719,264	9,156,748	9,441,337	188,826,743
2014Q4	19	0	-	6.4%	5,652,650	107,400,353	4,292,666	81,560,659	6,236,107	6,414,691	121,879,125
2015Q1	26	1	167,134	6.1%	4,449,130	115,844,525	3,377,157	87,973,228	4,738,126	4,870,380	126,797,009
2015Q2	31	0	-	5.9%	7,299,066	226,271,056	5,064,409	156,996,668	8,332,271	8,562,108	265,425,345
2015Q3	16	0	-	5.6%	4,706,679	75,306,863	3,265,698	52,251,166	3,818,939	3,927,494	62,839,897
2015Q4	19	1	1,072,516	5.4%	4,856,087	93,338,163	3,352,081	64,762,064	5,261,903	5,423,891	104,126,437
2016Q1	18	0	-	5.1%	4,264,599	76,762,784	2,958,964	53,261,347	5,132,413	5,270,086	94,861,554
2016Q2	35	0	-	4.8%	5,594,531	195,808,586	3,624,388	126,853,574	4,852,392	4,999,284	174,974,947
2016Q3	22	0	-	4.5%	2,962,011	65,164,241	1,918,923	42,216,314	5,031,404	5,168,561	113,708,333
2016Q4	14	1	61,720	4.2%	6,136,134	85,967,599	3,973,710	55,693,662	6,210,553	6,386,876	89,477,981
2017Q1	19	0	-	4.0%	5,119,979	97,279,606	3,316,952	63,022,087	5,623,759	5,783,160	109,880,041
2017Q2	28	1	4,649	3.7%	4,098,561	114,764,351	2,363,391	66,179,586	5,346,995	5,491,625	153,770,143
2017Q3	17	0	-	3.5%	5,575,596	94,785,140	3,215,203	54,658,448	5,499,274	5,647,625	96,009,627
2017Q4	11	0	-	3.2%	7,787,255	85,659,805	4,490,570	49,396,266	6,997,445	7,185,895	79,044,842
2018Q1	15	0	-	2.9%	4,710,225	70,653,379	2,716,181	40,742,716	5,183,264	5,326,337	79,895,061
2018Q2	15	0	-	2.6%	4,409,359	66,140,388	2,270,723	34,060,840	5,753,356	5,907,032	88,605,481
2018Q3	18	1	-	2.4%	2,881,019	51,858,348	1,483,661	26,705,904	5,550,229	5,696,252	102,532,535
2018Q4	20	0	-	2.1%	6,609,542	132,190,841	3,403,768	68,075,365	6,069,646	6,246,451	124,929,017
2019Q1	19	0	-	1.8%	5,767,902	109,590,135	2,970,342	56,436,500	5,866,356	6,037,510	114,712,699
2019Q2	25	0	-	1.6%	3,917,570	97,939,255	2,945,013	73,625,327	5,796,721	5,955,172	148,879,292
2019Q3	10	0	-	1.3%	1,965,706	19,657,056	1,477,709	14,777,090	5,793,795	5,944,684	59,446,842
2019Q4	41	0	-	1.1%	4,188,036	171,709,482	3,148,334	129,081,713	5,867,474	6,039,115	247,603,735
2020Q1	29	0	-	0.8%	3,963,085	114,929,464	2,979,229	86,397,629	5,820,375	5,969,550	173,116,937
2020Q2	23	0	-	0.5%	3,916,389	90,076,940	3,482,386	80,094,875	5,790,545	5,942,987	136,688,704
2020Q3	13	0	-	0.3%	3,885,578	50,512,515	3,454,990	44,914,864		5,904,437	76,757,683
Total	733	12	7,605,687			3,727,099,448		2,650,742,627			4,602,983,763

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 6/30/2020
- (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, 2020

Exhibit 7
Page 1

Row	Paid Benefits				Estimate of	
	Current Quarter	Cumulative To Date	Medicaid	Incurred to Date	Current Annual Paid	Cumulative Incurred in 12 Months
1	7,050	216,483	-	216,483	26,240	242,724
2	295	112,716	35,221	147,936	16,437	164,374
3	26,276	608,358	-	608,358	71,572	679,930
4	-	276,786	1,631	278,416	123,741	278,416
5	22,711	1,189,075	-	1,189,075	135,894	1,324,970
6	6,511	318,124	-	318,124	37,426	355,551
7	-	280	-	280	34	314
8	151,485	3,914,667	-	3,914,667	460,549	4,375,216
9	75	3,595	8,946	12,541	1,393	13,935
10	-	16,291	-	16,291	1,917	18,208
11	12,232	218,565	7,885	226,450	25,161	251,612
12	-	1,417	-	1,417	167	1,584
13	-	41,693	11,723	53,416	6,284	59,700
14	12,404	188,980	-	188,980	22,233	211,213
15	-	20,073	1,853	21,926	2,506	24,432
16	4,548	128,604	10,875	139,478	15,498	154,976
17	-	104,458	-	104,458	11,938	116,396
18	12,472	161,221	-	161,221	17,913	179,134
19	587	1,965,087	-	1,965,087	238,192	2,203,279
20	-	291,515	-	291,515	35,335	326,850
21	17,132	437,883	25,289	463,171	54,491	517,662
22	-	1,400	8,025	9,425	1,077	10,503
23	-	-	-	-	-	-
24	700	30,442	10,565	41,008	4,824	45,832
25	80	174,618	-	174,618	21,166	195,784
26	-	-	6,530	6,530	746	7,277
27	3,440	286,220	-	286,220	34,693	320,913
28	-	9,660	-	9,660	1,136	10,796
29	185,128	3,228,484	3,057	3,231,541	380,181	3,611,723
30	-	51,849	-	51,849	6,285	58,134
31	-	12,297	-	12,297	1,491	13,787
32	3,129	56,296	-	56,296	6,824	63,120
33	-	-	147	147	17	165
34	9,083	114,097	9,231	123,328	13,703	137,031
35	19,702	673,483	-	673,483	81,634	755,118
36	9,915	85,797	-	85,797	9,805	95,602
37	50	8,881	-	8,881	1,077	9,958
38	99,345	1,366,227	65,793	1,432,021	168,473	1,600,494
39	720	145,395	-	145,395	17,624	163,019
40	10,864	246,364	-	246,364	29,862	276,226
41	7,442	138,596	-	138,596	15,400	153,995
42	984	28,500	-	28,500	3,455	31,954
43	520	38,235	-	38,235	4,635	42,870
44	308	115,162	-	115,162	13,161	128,323
45	1,310	5,271	-	5,271	602	5,873
46	396	107,144	4,130	111,274	12,364	123,638
47	-	6,693	-	6,693	765	7,458
48	10,230	323,650	-	323,650	36,989	360,638
49	2,331	93,990	-	93,990	11,393	105,382
50	2,460	181,411	-	181,411	21,989	203,400
51	13,509	679,141	-	679,141	82,320	761,461
52	21,472	674,472	50,146	724,618	80,513	805,131
53	461	11,592	-	11,592	1,325	12,917
54	7,968	112,041	-	112,041	13,581	125,621
55	29,096	883,343	22,702	906,045	100,672	1,006,716
56	2,548	39,025	-	39,025	4,336	43,361
57	204,939	1,693,067	38,552	1,731,619	203,720	1,935,339
58	-	309	-	309	36	346
59	-	291	-	291	35	327
60	86,235	2,720,017	-	2,720,017	329,699	3,049,716
61	-	1,702,879	-	1,702,879	212,860	1,915,739
62	216,663	2,182,102	-	2,182,102	272,763	2,454,865
63	-	-	-	-	-	-
64	200	17,783	-	17,783	2,156	19,939
65	19,043	217,469	-	217,469	27,184	244,652
66	30,076	308,934	-	308,934	38,617	347,551
67	5,600	48,685	-	48,685	6,086	54,770
68	-	322,022	-	322,022	107,341	322,022
69	139,134	1,594,907	-	1,594,907	199,363	1,794,270
70	59,649	1,740,749	-	1,740,749	217,594	1,958,343
71	51,475	1,473,913	-	1,473,913	184,239	1,658,152
72	49,249	1,725,205	-	1,725,205	215,651	1,940,855
73	3,609	59,744	-	59,744	7,242	66,985
74	14,112	408,682	-	408,682	49,537	458,219
75	-	1,060,878	-	1,060,878	212,176	1,060,878

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Row	Paid Benefits			Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
	Current Quarter	Cumulative To Date	Medicaid			
76	-	15,729	-	15,729	1,966	17,696
77	5,880	226,605	-	226,605	28,326	254,931
78	50	34,494	-	34,494	4,312	38,806
79	-	99,485	-	99,485	12,436	111,921
80	37,630	1,837,624	-	1,837,624	229,703	2,067,327
81	21,563	398,549	-	398,549	49,819	448,367
82	100,715	2,562,263	-	2,562,263	320,283	2,882,546
83	83,828	637,945	-	637,945	79,743	717,688
84	29,154	645,426	-	645,426	80,678	726,104
85	184,813	6,179,605	-	6,179,605	772,451	6,952,056
86	6,680	618,139	-	618,139	77,267	695,407
87	139,544	3,346,140	-	3,346,140	418,267	3,764,407
88	-	6,165	-	6,165	771	6,935
89	4,365	70,072	-	70,072	8,759	78,831
90	210	24,964	-	24,964	3,120	28,084
91	11,604	224,474	-	224,474	28,059	252,533
92	-	6,635	-	6,635	829	7,465
93	1,262	19,626	-	19,626	2,453	22,079
94	-	99,188	-	99,188	12,399	111,587
95	83,563	2,369,624	-	2,369,624	296,203	2,665,827
96	2,900	70,385	-	70,385	8,798	79,184
97	42,651	159,740	-	159,740	19,967	179,707
98	44,584	148,171	-	148,171	18,521	166,692
99	3,627	280,593	-	280,593	35,074	315,667
100	-	9,497	-	9,497	1,187	10,684
101	1,358	11,920	-	11,920	1,490	13,410
102	43,744	709,233	-	709,233	88,654	797,887
103	38,440	483,904	-	483,904	60,488	544,392
104	73,572	1,714,127	-	1,714,127	221,178	1,935,305
105	-	1,835	-	1,835	237	2,071
106	61,111	1,339,901	-	1,339,901	172,891	1,512,792
107	41,469	634,640	-	634,640	81,889	716,528
108	3,605	201,715	-	201,715	26,028	227,743
109	-	37,475	-	37,475	4,997	42,472
110	720	42,417	-	42,417	5,656	48,073
111	85,163	1,614,566	-	1,614,566	215,275	1,829,841
112	2,556	19,683	-	19,683	2,624	22,308
113	105,150	138,530	-	138,530	18,471	157,001
114	7,050	45,027	-	45,027	6,004	51,030
115	4,377	117,410	-	117,410	15,655	133,064
116	2,448	64,245	-	64,245	8,566	72,811
117	20,641	26,328	-	26,328	3,510	29,839
118	-	2,976	-	2,976	397	3,373
119	-	-	-	-	-	-
120	18,325	682,019	-	682,019	90,936	772,955
121	-	-	-	-	-	-
122	539	9,517	-	9,517	1,269	10,786
123	2,374	20,857	-	20,857	2,781	23,638
124	-	653	-	653	87	741
125	-	200	-	200	27	227
126	6,340	32,318	-	32,318	4,309	36,627
127	59,541	600,225	-	600,225	80,030	680,255
128	145,875	542,773	-	542,773	72,370	615,143
129	290,853	2,592,656	-	2,592,656	345,687	2,938,344
130	-	-	-	-	-	-
131	1,810	18,509	-	18,509	2,468	20,976
132	-	1,679	-	1,679	224	1,903
133	400	14,479	-	14,479	1,931	16,410
134	-	50,974	-	50,974	6,796	57,770
135	-	1,938	-	1,938	258	2,197
136	49,373	1,543,782	-	1,543,782	205,838	1,749,620
137	6,062	232,496	-	232,496	30,999	263,496
138	-	-	-	-	-	-
139	1,020	96,227	-	96,227	13,273	109,499
140	9,349	269,634	-	269,634	37,191	306,825
141	-	8,609	-	8,609	1,188	9,797
142	9,974	152,389	-	152,389	21,019	173,408
143	-	10,043	-	10,043	1,385	11,428
144	-	239	-	239	33	272
145	915	118,206	-	118,206	16,304	134,510
146	25,208	364,243	-	364,243	50,240	414,484
147	290	138,540	-	138,540	19,109	157,649
148	-	762	-	762	105	868
149	50	17,701	-	17,701	2,442	20,143
150	-	-	-	-	-	-

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Row	Paid Benefits Current Quarter	Cumulative To Date	Medicaid	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
151	7,505	332,448	-	332,448	45,855	378,303
152	-	6,779	-	6,779	935	7,714
153	-	1,510	-	1,510	208	1,718
154	12,760	753,120	-	753,120	103,879	856,998
155	-	187,069	-	187,069	25,803	212,872
156	10,722	30,750	-	30,750	4,241	34,991
157	-	343,780	-	343,780	47,418	391,198
158	1,895	105,491	-	105,491	14,551	120,042
159	-	2,127,253	-	2,127,253	567,267	2,127,253
160	77,564	1,053,262	-	1,053,262	145,278	1,198,539
161	454	3,437	-	3,437	474	3,911
162	4,287	42,875	-	42,875	5,914	48,789
163	1,881	15,192	-	15,192	2,096	17,288
164	-	42,943	-	42,943	5,923	48,866
165	-	4,510	-	4,510	622	5,132
166	9,818	666,654	-	666,654	95,236	761,891
167	736	24,472	-	24,472	3,496	27,968
168	615	7,738	-	7,738	1,105	8,843
169	-	18,938	-	18,938	2,705	21,643
170	82,396	1,663,349	-	1,663,349	237,621	1,900,970
171	3,029	11,688	-	11,688	1,670	13,358
172	-	1,104	-	1,104	158	1,262
173	1,338	47,027	-	47,027	6,718	53,746
174	-	904,976	-	904,976	190,521	904,976
175	-	54,735	-	54,735	27,367	54,735
176	51,388	1,695,715	-	1,695,715	251,217	1,946,932
177	-	5,346	-	5,346	792	6,138
178	-	2,297	-	2,297	340	2,638
179	24,551	798,829	-	798,829	118,345	917,174
180	-	373	-	373	55	428
181	19,683	343,152	-	343,152	50,837	393,989
182	80	13,070	-	13,070	1,936	15,006
183	1,660	108,616	-	108,616	16,091	124,707
184	1,080	1,080	-	1,080	160	1,240
185	-	-	-	-	-	-
186	158,779	2,830,355	-	2,830,355	419,312	3,249,667
187	4,448	534,825	-	534,825	79,233	614,058
188	665	62,707	-	62,707	9,290	71,997
189	14,447	399,124	-	399,124	59,130	458,254
190	-	49,172	-	49,172	7,285	56,457
191	9,081	405,454	-	405,454	60,067	465,521
192	-	3,597	-	3,597	533	4,130
193	-	127	-	127	20	147
194	117,157	549,497	-	549,497	84,538	634,034
195	-	-	-	-	-	-
196	-	13,187	-	13,187	2,029	15,216
197	-	1,553,019	-	1,553,019	310,604	1,553,019
198	-	105	-	105	16	121
199	-	-	-	-	-	-
200	1,553	21,291	-	21,291	3,275	24,566
201	-	15,509	-	15,509	2,386	17,895
202	22,679	249,563	-	249,563	38,394	287,958
203	-	30,603	-	30,603	4,708	35,312
204	64,418	539,399	-	539,399	82,984	622,384
205	1,712	23,980	-	23,980	3,689	27,669
206	9,053	226,634	-	226,634	34,867	261,500
207	-	-	-	-	-	-
208	32,932	288,326	-	288,326	44,358	332,683
209	-	37,295	-	37,295	5,738	43,032
210	-	122,467	-	122,467	18,841	141,308
211	32,620	846,547	-	846,547	130,238	976,785
212	13,316	316,481	-	316,481	48,689	365,171
213	35,350	484,446	-	484,446	74,530	558,976
214	7,591	160,200	-	160,200	24,646	184,846
215	-	1,663	-	1,663	256	1,919
216	23,896	924,086	-	924,086	142,167	1,066,253
217	15,904	626,918	-	626,918	96,449	723,367
218	-	8,351	-	8,351	1,336	9,688
219	47,752	756,826	-	756,826	121,092	877,918
220	-	13,793	-	13,793	2,207	15,999
221	367,111	2,474,492	-	2,474,492	395,919	2,870,411
222	7,354	305,864	-	305,864	48,938	354,802
223	-	9,942	-	9,942	1,591	11,532
224	-	1,040	-	1,040	166	1,206
225	-	8,924	-	8,924	1,428	10,352

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Row	Paid Benefits Current Quarter	Cumulative To Date	Medicaid	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
226	98,330	263,225	-	263,225	42,116	305,341
227	-	8,307	-	8,307	1,329	9,636
228	394	44,978	-	44,978	7,197	52,175
229	226,793	416,821	-	416,821	66,691	483,512
230	-	7,400	-	7,400	1,184	8,584
231	-	14,116	-	14,116	2,259	16,375
232	15,137	62,621	-	62,621	10,019	72,640
233	-	-	-	-	-	-
234	9,670	90,366	-	90,366	14,459	104,825
235	5,400	269,017	-	269,017	43,043	312,060
236	-	221	-	221	35	256
237	230,000	4,987,851	-	4,987,851	798,056	5,785,908
238	-	-	-	-	-	-
239	300	5,503	-	5,503	917	6,420
240	-	10,444	-	10,444	1,741	12,185
241	15,866	135,112	-	135,112	22,519	157,630
242	87,797	1,622,368	-	1,622,368	270,395	1,892,763
243	28,358	470,528	-	470,528	78,421	548,949
244	5,296	421,903	-	421,903	70,317	492,220
245	79,911	682,129	-	682,129	113,688	795,817
246	-	3,386	-	3,386	564	3,950
247	5,671	130,347	-	130,347	21,724	152,071
248	-	295	-	295	49	344
249	690	18,453	-	18,453	3,076	21,529
250	65,974	1,441,910	-	1,441,910	240,318	1,682,228
251	60,964	523,979	-	523,979	87,330	611,309
252	19,251	523,613	-	523,613	87,269	610,882
253	640	15,521	-	15,521	2,587	18,108
254	-	9,542	-	9,542	1,590	11,132
255	20,122	331,583	-	331,583	55,264	386,847
256	-	-	-	-	-	-
257	-	167,134	-	167,134	51,426	167,134
258	7,220	73,019	-	73,019	12,699	85,718
259	10,740	475,318	-	475,318	82,664	557,982
260	-	-	-	-	-	-
261	22,936	398,188	-	398,188	69,250	467,438
262	-	6,000	-	6,000	1,044	7,044
263	379	45,665	-	45,665	7,942	53,607
264	-	2,708	-	2,708	471	3,180
265	-	964	-	964	168	1,132
266	-	3,324	-	3,324	578	3,902
267	-	4,044	-	4,044	703	4,747
268	2,033	117,109	-	117,109	20,367	137,476
269	1,092	9,604	-	9,604	1,670	11,274
270	661	21,048	-	21,048	3,660	24,708
271	73,197	1,177,080	-	1,177,080	204,710	1,381,790
272	38,651	1,348,457	-	1,348,457	234,514	1,582,971
273	19,341	246,728	-	246,728	42,909	289,637
274	12,128	199,377	-	199,377	34,674	234,052
275	19,905	295,775	-	295,775	51,439	347,214
276	37,597	802,752	-	802,752	139,609	942,362
277	50,433	455,669	-	455,669	79,247	534,916
278	15,724	82,204	-	82,204	14,296	96,500
279	-	175	-	175	30	205
280	-	2,862	-	2,862	498	3,360
281	2,560	450,232	-	450,232	78,301	528,533
282	18,902	250,035	-	250,035	43,484	293,520
283	-	69,489	-	69,489	12,085	81,574
284	38,231	868,842	-	868,842	157,971	1,026,813
285	1,600	55,743	-	55,743	10,135	65,878
286	-	-	-	-	-	-
287	-	1,259	-	1,259	229	1,488
288	-	10,532	-	10,532	1,915	12,447
289	856	55,816	-	55,816	10,148	65,964
290	-	2,270	-	2,270	413	2,682
291	112,174	2,468,698	-	2,468,698	448,854	2,917,552
292	-	6,555	-	6,555	1,192	7,746
293	-	325,194	-	325,194	59,126	384,320
294	853	21,425	-	21,425	3,895	25,320
295	230,000	5,506,620	-	5,506,620	1,001,204	6,507,824
296	63,936	916,795	-	916,795	166,690	1,083,485
297	33,302	149,924	-	149,924	27,259	177,182
298	13,440	99,405	-	99,405	18,074	117,479
299	2,561	369,727	-	369,727	67,223	436,951
300	-	-	-	-	-	-

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Row	Paid Benefits Current Quarter	Cumulative To Date	Medicaid	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
301	11,361	523,246	-	523,246	95,136	618,381
302	-	247	-	247	45	292
303	9,057	11,512	-	11,512	2,093	13,605
304	-	122	-	122	22	144
305	-	-	-	-	-	-
306	190	7,135	-	7,135	1,297	8,432
307	233	812	-	812	148	960
308	171	5,769	-	5,769	1,049	6,817
309	56,038	268,183	-	268,183	48,761	316,944
310	1,625	43,316	-	43,316	7,876	51,192
311	-	2,623	-	2,623	477	3,100
312	-	900	-	900	164	1,063
313	25,626	530,688	-	530,688	96,489	627,177
314	2,148	22,802	-	22,802	4,146	26,948
315	3,360	46,089	-	46,089	8,779	54,868
316	17,160	183,767	-	183,767	35,003	218,770
317	29,627	269,939	-	269,939	51,417	321,356
318	559	4,694	-	4,694	894	5,588
319	7,615	53,993	-	53,993	10,284	64,278
320	9,610	188,362	-	188,362	35,878	224,240
321	89,937	1,971,411	-	1,971,411	375,507	2,346,918
322	13,520	307,604	-	307,604	58,591	366,195
323	7,605	37,995	-	37,995	7,237	45,233
324	-	1,923	-	1,923	366	2,289
325	1,845	19,851	-	19,851	3,781	23,632
326	30,939	309,592	-	309,592	58,970	368,562
327	-	178	-	178	34	212
328	-	448,696	-	448,696	85,466	534,162
329	-	-	-	-	-	-
330	8,380	58,757	-	58,757	11,192	69,949
331	-	38,207	-	38,207	7,641	45,849
332	211	8,370	-	8,370	1,674	10,043
333	3,531	99,197	-	99,197	19,839	119,036
334	146,000	689,934	-	689,934	137,987	827,921
335	508	15,403	-	15,403	3,081	18,484
336	27,600	461,493	-	461,493	92,299	553,791
337	9,044	168,651	-	168,651	33,730	202,381
338	-	562	-	562	112	674
339	1,780	19,124	-	19,124	3,825	22,949
340	-	1,381	-	1,381	276	1,658
341	274	304	-	304	61	365
342	1,835	1,903	-	1,903	381	2,283
343	965	3,088	-	3,088	618	3,705
344	2,392	1,072,516	-	1,072,516	225,793	1,072,516
345	736	2,643	-	2,643	529	3,172
346	-	9,411	-	9,411	1,882	11,293
347	216,349	951,685	-	951,685	190,337	1,142,021
348	-	39,224	-	39,224	7,845	47,069
349	231	231,546	-	231,546	46,309	277,856
350	141,727	1,732,740	-	1,732,740	346,548	2,079,288
351	7,786	309,290	-	309,290	65,114	374,404
352	1,047	38,909	-	38,909	8,191	47,101
353	-	-	-	-	-	-
354	-	1,366	-	1,366	288	1,654
355	-	16,996	-	16,996	3,578	20,574
356	-	73,754	-	73,754	15,527	89,281
357	-	2,580	-	2,580	543	3,123
358	37,544	651,374	-	651,374	137,131	788,505
359	6,676	663,137	-	663,137	139,608	802,745
360	-	903	-	903	190	1,093
361	23,069	406,314	-	406,314	85,540	491,854
362	37,373	421,951	-	421,951	88,832	510,783
363	3,494	171,001	-	171,001	36,000	207,001
364	4,800	61,827	-	61,827	13,016	74,843
365	7,067	15,342	-	15,342	3,230	18,572
366	7,193	428,030	-	428,030	90,112	518,141
367	23,636	198,053	-	198,053	41,695	239,748
368	7,792	128,193	-	128,193	26,988	155,181
369	-	-	-	-	-	-
370	-	34,474	-	34,474	7,661	42,135
371	-	614	-	614	136	751
372	-	-	-	-	-	-
373	-	7,391	-	7,391	1,642	9,033
374	710	64,739	-	64,739	14,387	79,126
375	2,846	5,905	-	5,905	1,312	7,218

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Row	Paid Benefits Current Quarter	Cumulative To Date	Medicaid	Incurred to Date	Current Annual Paid	Estimate of Cumulative Incurred in 12 Months
376	2,111	27,242	-	27,242	6,054	33,296
377	2,531	101,881	-	101,881	22,640	124,521
378	124	8,636	-	8,636	1,919	10,555
379	-	359	-	359	80	438
380	2,067	46,132	-	46,132	10,251	56,383
381	2,837	4,415	-	4,415	981	5,396
382	2,100	22,256	-	22,256	4,946	27,202
383	194,352	1,348,094	-	1,348,094	299,576	1,647,670
384	6,106	186,092	-	186,092	41,354	227,446
385	10,962	147,717	-	147,717	32,826	180,543
386	49,269	569,116	-	569,116	126,470	695,586
387	513	49,752	-	49,752	11,056	60,808
388	-	4,664	-	4,664	1,036	5,700
389	28,390	331,912	-	331,912	73,758	405,670
390	19,345	51,209	-	51,209	11,380	62,589
391	-	-	-	-	-	-
392	2,371	8,077	-	8,077	1,795	9,871
393	66,970	1,243,160	-	1,243,160	276,258	1,519,418
394	83,887	1,459,654	-	1,459,654	324,368	1,784,021
395	320,796	1,018,474	-	1,018,474	226,328	1,244,802
396	-	52,383	-	52,383	11,641	64,024
397	-	17,527	-	17,527	3,895	21,422
398	-	8,561	-	8,561	1,902	10,464
399	6,800	230,854	-	230,854	51,301	282,154
400	-	-	-	-	-	-
401	92,174	1,506,180	-	1,506,180	334,707	1,840,886
402	-	8,555	-	8,555	1,901	10,456
403	10,013	100,623	-	100,623	22,361	122,984
404	-	4,842	-	4,842	1,139	5,981
405	-	20	-	20	5	25
406	1,384	22,006	-	22,006	5,178	27,183
407	17,129	197,969	-	197,969	46,581	244,550
408	-	-	-	-	-	-
409	1,393	19,356	-	19,356	4,554	23,910
410	882	131,182	-	131,182	30,866	162,049
411	-	-	-	-	-	-
412	46,227	54,479	-	54,479	12,819	67,298
413	-	3,020	-	3,020	711	3,731
414	1,605	55,658	-	55,658	13,096	68,754
415	157	12,175	-	12,175	2,865	15,040
416	-	89	-	89	21	111
417	-	118	-	118	28	146
418	152,401	2,162,347	-	2,162,347	508,788	2,671,135
419	-	482	-	482	113	595
420	-	-	-	-	-	-
421	-	2,967	-	2,967	698	3,665
422	-	3,462	-	3,462	815	4,276
423	610	44,057	-	44,057	10,366	54,424
424	-	1,074	-	1,074	253	1,327
425	-	2,080	-	2,080	489	2,569
426	115,447	1,591,313	-	1,591,313	397,828	1,989,141
427	88,741	180,690	-	180,690	45,172	225,862
428	3,676	399,081	-	399,081	99,770	498,852
429	19,910	357,891	-	357,891	89,473	447,364
430	-	8,562	-	8,562	2,141	10,703
431	-	61,720	-	61,720	61,720	61,720
432	-	-	-	-	-	-
433	965	26,694	-	26,694	6,674	33,368
434	870	55,388	-	55,388	13,847	69,235
435	15,567	274,999	-	274,999	68,750	343,749
436	31,124	254,096	-	254,096	63,524	317,621
437	-	72,264	-	72,264	18,066	90,331
438	-	-	-	-	-	-
439	4,612	63,263	-	63,263	15,816	79,079
440	5,406	72,417	-	72,417	18,104	90,521
441	22,722	159,300	-	159,300	42,480	201,781
442	66,840	480,311	-	480,311	128,083	608,395
443	8,640	61,241	-	61,241	16,331	77,572
444	-	4,692	-	4,692	1,251	5,943
445	52,607	1,132,119	-	1,132,119	301,898	1,434,017
446	17,750	123,517	-	123,517	32,938	156,455
447	-	-	-	-	-	-
448	-	-	-	-	-	-
449	1,404	27,126	-	27,126	7,234	34,360
450	75,416	987,580	-	987,580	263,355	1,250,935

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451	480	18,293	-	18,293	4,878	23,171
452	3,939	154,280	-	154,280	41,141	195,421
453	-	11,375	-	11,375	3,033	14,408
454	-	5,696	-	5,696	1,519	7,215
455	78,934	303,910	-	303,910	81,043	384,953
456	1,750	20,015	-	20,015	5,337	25,352
457	-	1,075	-	1,075	287	1,362
458	-	-	-	-	-	-
459	10,579	75,547	-	75,547	20,146	95,693
460	2,250	5,718	-	5,718	1,634	7,352
461	-	2,568	-	2,568	734	3,302
462	9,752	47,302	-	47,302	13,515	60,817
463	-	2,569	-	2,569	734	3,303
464	154,067	1,600,986	-	1,600,986	457,424	2,058,410
465	640	12,831	-	12,831	3,666	16,497
466	-	4,649	-	4,649	3,720	4,649
467	-	12,904	-	12,904	3,687	16,591
468	1,130	112,866	-	112,866	32,247	145,113
469	-	2,394	-	2,394	684	3,078
470	-	13,618	-	13,618	3,891	17,508
471	63,486	895,229	-	895,229	255,780	1,151,009
472	-	35,270	-	35,270	10,077	45,347
473	6,544	360,027	-	360,027	102,865	462,892
474	-	25,744	-	25,744	7,355	33,099
475	35,606	417,787	-	417,787	119,368	537,154
476	-	-	-	-	-	-
477	640	8,253	-	8,253	2,358	10,611
478	608	3,409	-	3,409	974	4,382
479	2,854	41,415	-	41,415	11,833	53,248
480	1,999	23,309	-	23,309	6,660	29,968
481	5,689	292,125	-	292,125	83,464	375,589
482	-	-	-	-	-	-
483	-	-	-	-	-	-
484	-	-	-	-	-	-
485	-	1,186	-	1,186	339	1,525
486	-	6,135	-	6,135	1,753	7,888
487	-	9,146	-	9,146	2,613	11,759
488	-	5,232	-	5,232	1,495	6,726
489	-	-	-	-	-	-
490	283	33,181	-	33,181	10,210	43,391
491	8,156	645,730	-	645,730	198,686	844,416
492	-	-	-	-	-	-
493	-	187,699	-	187,699	57,753	245,452
494	-	-	-	-	-	-
495	-	-	-	-	-	-
496	712	5,383	-	5,383	1,656	7,040
497	10,853	90,806	-	90,806	27,940	118,746
498	117,750	1,426,787	-	1,426,787	439,011	1,865,798
499	29,090	259,968	-	259,968	79,990	339,958
500	-	14,748	-	14,748	4,538	19,286
501	-	-	-	-	-	-
502	21,507	246,197	-	246,197	75,753	321,950
503	-	-	-	-	-	-
504	-	893	-	893	275	1,168
505	4,876	107,432	-	107,432	33,056	140,489
506	10	1,328	-	1,328	443	1,771
507	111,185	665,398	-	665,398	221,799	887,198
508	-	70	-	70	23	93
509	-	6,008	-	6,008	2,003	8,011
510	14,463	147,417	-	147,417	49,139	196,556
511	3,044	41,257	-	41,257	13,752	55,010
512	3,000	30,955	-	30,955	10,318	41,273
513	27,751	1,491,667	-	1,491,667	497,222	1,988,889
514	-	4,322	-	4,322	1,441	5,762
515	-	50,769	-	50,769	16,923	67,692
516	14,829	90,364	-	90,364	30,121	120,486
517	-	20,897	-	20,897	7,599	28,495
518	-	-	-	-	-	-
519	18,327	113,067	-	113,067	41,115	154,183
520	8,271	37,854	-	37,854	13,765	51,619
521	-	6,834	-	6,834	2,485	9,318
522	12,872	73,927	-	73,927	26,883	100,810
523	-	3,669	-	3,669	1,334	5,003
524	55,029	276,235	-	276,235	100,449	376,685
525	7,425	43,732	-	43,732	15,902	59,634

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526	-	697	-	697	253	950
527	-	1,273	-	1,273	463	1,736
528	-	4,534	-	4,534	1,649	6,183
529	66,887	826,002	-	826,002	300,364	1,126,367
530	44,168	482,367	-	482,367	175,406	657,773
531	475	7,986	-	7,986	2,904	10,890
532	-	1,017	-	1,017	407	1,424
533	21,171	187,408	-	187,408	74,963	262,371
534	21,743	108,153	-	108,153	43,261	151,414
535	-	29,792	-	29,792	11,917	41,709
536	1,055	1,055	-	1,055	422	1,477
537	480	11,663	-	11,663	4,665	16,329
538	52,368	445,694	-	445,694	178,277	623,971
539	28,177	434,902	-	434,902	173,961	608,863
540	6,975	152,842	-	152,842	61,137	213,979
541	11,430	84,841	-	84,841	33,936	118,777
542	16,214	135,567	-	135,567	54,227	189,794
543	-	-	-	-	-	-
544	1,373	8,905	-	8,905	3,562	12,468
545	-	-	-	-	-	-
546	-	4,488	-	4,488	1,795	6,283
547	-	-	-	-	-	-
548	-	-	-	-	-	-
549	-	-	-	-	-	-
550	3,573	23,724	-	23,724	10,544	34,269
551	-	202	-	202	90	292
552	6,470	67,028	-	67,028	29,790	96,819
553	275	7,629	-	7,629	3,391	11,019
554	57,970	395,557	-	395,557	175,803	571,360
555	3,023	5,856	-	5,856	2,603	8,458
556	983	4,533	-	4,533	2,014	6,547
557	1,216	23,390	-	23,390	10,395	33,785
558	678	921	-	921	409	1,330
559	-	377	-	377	168	545
560	1,458	15,150	-	15,150	6,733	21,883
561	11,190	240,674	-	240,674	106,966	347,640
562	52,234	344,057	-	344,057	152,914	496,972
563	-	534	-	534	237	771
564	255	880	-	880	391	1,271
565	-	-	-	-	-	-
566	-	-	-	-	-	-
567	-	721	-	721	361	1,082
568	129	1,148	-	1,148	574	1,721
569	-	8,053	-	8,053	4,026	12,079
570	2,854	15,326	-	15,326	7,663	22,988
571	30,819	73,535	-	73,535	36,767	110,302
572	25,916	140,000	-	140,000	70,000	210,000
573	-	-	-	-	-	-
574	73,743	733,406	-	733,406	366,703	1,100,110
575	11,535	36,255	-	36,255	18,127	54,382
576	-	-	-	-	-	-
577	95,263	518,081	-	518,081	259,040	777,121
578	3,768	143,382	-	143,382	71,691	215,073
579	-	-	-	-	-	-
580	16,307	88,423	-	88,423	44,211	132,634
581	17,784	32,915	-	32,915	16,457	49,372
582	160	1,935	-	1,935	967	2,902
583	175	2,566	-	2,566	1,283	3,849
584	218,595	747,466	-	747,466	373,733	1,121,199
585	-	257	-	257	129	386
586	182,233	549,829	-	549,829	314,188	864,016
587	-	-	-	-	-	-
588	-	3,127	-	3,127	1,787	4,914
589	-	-	-	-	-	-
590	9,713	18,706	-	18,706	10,689	29,396
591	45,298	150,981	-	150,981	86,275	237,257
592	1,568	12,071	-	12,071	6,897	18,968
593	151,435	554,155	-	554,155	316,660	870,814
594	-	-	-	-	-	-
595	200	10,981	-	10,981	6,275	17,256
596	-	3,739	-	3,739	2,136	5,875
597	21,919	137,736	-	137,736	78,707	216,443
598	17,802	39,461	-	39,461	22,549	62,010
599	6,090	277,071	-	277,071	158,326	435,398
600	8,359	8,839	-	8,839	5,051	13,890

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601	6,964	63,885	-	63,885	36,506	100,391
602	420	6,698	-	6,698	3,827	10,525
603	4,977	14,060	-	14,060	8,034	22,094
604	-	-	-	-	-	-
605	-	1,268	-	1,268	845	2,113
606	3,317	3,317	-	3,317	2,211	5,529
607	10,971	66,515	-	66,515	44,343	110,858
608	-	372,141	-	372,141	248,094	620,235
609	100	6,613	-	6,613	4,409	11,022
610	-	-	-	-	-	-
611	2,720	12,265	-	12,265	8,177	20,442
612	-	-	-	-	-	-
613	54,734	224,246	-	224,246	149,498	373,744
614	36,885	58,125	-	58,125	38,750	96,875
615	9,193	68,506	-	68,506	45,671	114,177
616	-	-	-	-	-	-
617	-	-	-	-	-	-
618	475	2,613	-	2,613	1,742	4,355
619	1,873	8,150	-	8,150	5,433	13,583
620	2,576	2,726	-	2,726	1,817	4,543
621	49,447	207,047	-	207,047	138,032	345,079
622	6,700	6,954	-	6,954	4,636	11,590
623	326	597	-	597	398	995
624	7,679	21,982	-	21,982	14,655	36,637
625	3,382	25,003	-	25,003	16,669	41,672
626	19,685	64,655	-	64,655	43,103	107,758
627	39,800	117,891	-	117,891	78,594	196,486
628	234	4,225	-	4,225	2,816	7,041
629	86,912	148,208	-	148,208	98,806	247,014
630	-	-	-	-	-	-
631	670	2,640	-	2,640	2,112	4,753
632	17,200	34,603	-	34,603	27,682	62,285
633	-	1,027	-	1,027	821	1,848
634	-	-	-	-	-	-
635	17,254	117,037	-	117,037	93,630	210,667
636	1,747	4,166	-	4,166	3,333	7,499
637	19,632	49,342	-	49,342	39,474	88,816
638	5,633	28,142	-	28,142	22,514	50,656
639	461	1,288	-	1,288	1,030	2,318
640	496	496	-	496	496	992
641	-	-	-	-	-	-
642	-	-	-	-	-	-
643	-	-	-	-	-	-
644	7,157	31,428	-	31,428	31,428	62,857
645	670	1,661	-	1,661	1,661	3,321
646	-	-	-	-	-	-
647	22,071	50,866	-	50,866	50,866	101,732
648	1,425	1,425	-	1,425	1,425	2,850
649	95	340	-	340	340	680
650	14,855	47,500	-	47,500	47,500	94,999
651	593	1,243	-	1,243	1,243	2,486
652	-	-	-	-	-	-
653	-	-	-	-	-	-
654	9,065	15,133	-	15,133	15,133	30,266
655	2,211	4,819	-	4,819	4,819	9,637
656	152,005	452,484	-	452,484	452,484	904,967
657	-	-	-	-	-	-
658	15,865	23,572	-	23,572	23,572	47,144
659	149,458	372,091	-	372,091	372,091	744,183
660	-	-	-	-	-	-
661	2,246	12,040	-	12,040	12,040	24,079
662	-	-	-	-	-	-
663	-	-	-	-	-	-
664	64,375	81,370	-	81,370	81,370	162,741
665	46,806	46,806	-	46,806	46,806	93,612
666	388,937	392,778	-	392,778	392,778	785,556
667	7,884	10,044	-	10,044	10,044	20,088
668	351	702	-	702	702	1,404
669	-	-	-	-	-	-
670	51,038	98,147	-	98,147	98,147	196,295
671	-	-	-	-	-	-
672	3,805	16,180	-	16,180	16,180	32,360
673	4,218	39,610	-	39,610	39,610	79,220
674	16,600	30,769	-	30,769	30,769	61,538
675	2,029	4,532	-	4,532	4,532	9,064

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676	-	-	-	-	-	-
677	30,123	41,713	-	41,713	41,713	83,425
678	14,891	15,664	-	15,664	15,664	31,327
679	1,365	3,615	-	3,615	3,615	7,230
680	796	796	-	796	796	1,592
681	91	91	-	91	121	212
682	305	305	-	305	407	712
683	51,747	53,727	-	53,727	71,636	125,362
684	200	200	-	200	267	467
685	194	789	-	789	1,053	1,842
686	1,161	1,414	-	1,414	1,886	3,300
687	3,230	3,230	-	3,230	4,307	7,538
688	831	4,367	-	4,367	5,823	10,190
689	-	-	-	-	-	-
690	-	-	-	-	-	-
691	-	-	-	-	-	-
692	2,100	2,450	-	2,450	3,267	5,717
693	25,629	37,357	-	37,357	49,810	87,167
694	17,690	28,470	-	28,470	37,960	66,430
695	270	270	-	270	360	630
696	-	-	-	-	-	-
697	23,089	31,265	-	31,265	41,687	72,952
698	-	-	-	-	-	-
699	-	-	-	-	-	-
700	2,093	2,093	-	2,093	2,790	4,883
701	2,511	3,918	-	3,918	5,224	9,141
702	-	-	-	-	-	-
703	-	-	-	-	-	-
704	-	-	-	-	-	-
705	4,555	10,451	-	10,451	13,935	24,386
706	1,956	3,840	-	3,840	5,120	8,960
707	876	1,752	-	1,752	2,336	4,088
708	-	-	-	-	-	-
709	1,394	1,394	-	1,394	1,859	3,253
710	6,336	6,336	-	6,336	12,672	19,008
711	-	-	-	-	-	-
712	91,600	91,600	-	91,600	183,199	274,799
713	175	175	-	175	350	525
714	46,503	46,503	-	46,503	93,006	139,510
715	-	-	-	-	-	-
716	-	-	-	-	-	-
717	12,072	12,072	-	12,072	24,144	36,217
718	-	-	-	-	-	-
719	4,300	4,300	-	4,300	8,600	12,900
720	3,126	3,126	-	3,126	6,251	9,377
721	-	-	-	-	-	-
722	36,636	36,636	-	36,636	73,272	109,909
723	310	310	-	310	620	930
724	3,600	3,600	-	3,600	7,200	10,800
725	-	-	-	-	-	-
726	-	-	-	-	-	-
727	-	-	-	-	-	-
728	-	-	-	-	-	-
729	-	-	-	-	-	-
730	-	-	-	-	-	-
731	-	-	-	-	-	-
732	-	-	-	-	-	-
733	-	-	-	-	-	-
734	-	-	-	-	-	-
735	-	-	-	-	-	-
736	175	175	-	175	700	875
737	-	-	-	-	-	-
738	-	-	-	-	-	-
739	-	-	-	-	-	-
740	-	-	-	-	-	-
741	-	-	-	-	-	-
742	-	-	-	-	-	-
743	-	-	-	-	-	-
744	-	-	-	-	-	-
745	-	-	-	-	-	-
MedCare Invoice	-	5,037,116	-	5,037,116	-	-
Vendor Invoice	935,612	10,000,146	-	10,000,146	-	-
UNKNOWN	-	25,232	-	25,232	-	-
Total	14,245,228	198,893,404	322,301	199,215,705		

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

Exhibit 8

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

Administrative expense details provided by MIF

New York State Department of Health
Benefit Payments Per Living Participant by Quarter
By Category
As of September 30, 2020

Payments Per Participant Summary

	2016Q2	2016Q3	2016Q4	2017Q1	2017Q2*	2017Q3*	2019Q4	2020Q1	2020Q2	2020Q3	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			\$ 13,159,073	\$ 14,157,518	\$ 13,121,765	\$ 14,245,228	\$ 21,099,865	\$ 54,683,584	159.2%
Number of Living Participants	400	422	437	455			669	698	720	733			
Average Payments Per Living Participant**	\$ 11,758	\$ 12,881	\$ 11,643	\$ 12,908			\$ 19,670	\$ 20,283	\$ 18,225	\$ 19,434	\$ 12,310	\$ 19,391	57.5%
Average Payments per Participant													
Medical Treatment	\$ 628	\$ 760	\$ 562	\$ 646			\$ 1,167	\$ 1,104	\$ 634	\$ 1,008	649	978	50.7%
Hospital Based Care	1,024	898	1,242	1,217			613	657	495	501	1,095	566	-48.3%
Surgical Care	35	108	51	69			262	392	211	201	66	266	306.0%
Nursing Care	6,005	7,036	5,783	5,996			10,324	10,876	10,128	10,833	6,205	10,540	69.9%
Dental Care	24	29	29	21			30	22	2	15	25	17	-32.0%
Rehabilitation Care	725	708	613	613			551	620	280	414	665	466	-29.9%
Custodial Care	546	671	729	685			1,830	2,023	2,045	2,646	658	2,136	224.9%
Durable Med Equip	435	527	430	794			1,050	966	854	1,029	547	975	78.4%
Other Health Care Costs	31	37	22	20			822	787	855	1,073	27	884	3126.2%
Home Modification†	989	481	563	800			1,238	832	924	108	708	776	9.5%
Vehicle Modifications†	144	197	52	188			46	62	219	20	145	87	-40.3%
Prescription and Non-Prescriptive Drugs†	1,147	1,357	1,543	1,828			1,579	1,765	1,446	1,373	1,469	1,541	4.9%
Assistive Technology†	1	-	-	-			24	6	-	53	0	21	6524.4%
Other Payments†	25	70	24	31			133	171	132	158	37	149	296.7%

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)