

STATE OF WEST VIRGINIA



PUBLIC EMPLOYEES INSURANCE AGENCY

Fiscal Year 2017 Financial Report

Fiscal Years 2017-2022

Report Date: October 2017

YOUR ACTUARIES FOR THE LONG-TERM!



415 Main Street Reisterstown, MD 21136-1905 410-833-4220 410-833-4229 (fax) www.continuingcareactuaries.com

Finance Board West Virginia Public Employees Insurance Agency 601 57th St., SE, Suite 2 Charleston, West Virginia 25304-2345

Ladies and Gentlemen:

I, Dave Bond, am a Fellow of the Society of Actuaries, a Member of the American Academy of Actuaries, and the Managing Partner in the firm of Continuing Care Actuaries.

Continuing Care Actuaries has been retained by the West Virginia Public Employees Insurance Agency Finance Board ("Board") to assist it as provided under Code of the West Virginia 1931 ("Code"), as amended. The Board has asked Continuing Care Actuaries to review the financial plan prepared and proposed by the Board in December 2016 for the fiscal year 2018 ("FY 2018") and to provide quarterly financial reports for current FY 2017 and thereafter. Our analysis is developed on an accrued and incurred reporting basis for a projection period of five years as required by the Code.

Under the statutory Code provisions, it is the Board's responsibility to prepare a proposed financial plan designed to generate revenues sufficient to meet all insurance program and administrative costs of the West Virginia Public Employees Insurance Agency ("PEIA"). The Board is required to provide a financing plan in which the State Fund revenue costs are financed 80% by state employers and 20% by state employees in FY 2017 and in subsequent fiscal years. In subsequent fiscal years, future transfers of employer and employee funds may be needed to obtain the 80% and 20% split between employer and employee, depending on future enrollment and coverage elections by insureds.

The Board is also charged with the responsibility to review actual costs incurred, any revised cost estimates, expenditures, and other factors affecting the fiscal stability of the plan and to make any modifications to the plan necessary to insure that the total financial requirements of PEIA are met for the projection period. We have been asked to review the proposed financial plan, and as supported by our work, to render an actuarial opinion stating whether the plan may be reasonably expected to generate sufficient revenues to meet estimated insurance program and administrative costs of PEIA through FY 2022.

The Medicaid / PEIA Hospital Bill ("Bill") has been extended and is anticipated to continue to provide PEIA with hospital charge savings through discounts for all non-Medicare coverages. These hospital savings are assumed to increase by the medical trend assumptions in Fiscal Year 2017 and subsequently. We are assuming that the Bill will continue throughout the five year forecast period.

Continuing Care Actuaries has provided financial report for fiscal years ending June 30, 2017 ("FY 2017"), June 30, 2018 ("FY 2018"), June 30, 2019 ("FY 2019"), June 30, 2020 ("FY 2020"), June 30, 2021 ("FY 2021") and June 30, 2022 ("FY 2022"). Our opinion of plan adequacy is based on the projections through FY 2022 using updated future revenue and plan modifications provided by the Board in the financial plan adopted in December 2016. This forecast is prepared for the Public Employee Insurance Agency, and does not include actuarial projections for the West Virginia Retiree Health Benefit Trust Fund.

In reviewing the plan, Continuing Care Actuaries utilized information concerning the plan's prior experience, covered individuals, plan revenues, plan benefits, plan administrative costs, and other expenses. This information was developed and provided by PEIA, the plan's third party administrators and other sources. In our review, we completely relied on the accuracy of this information and did not perform any due diligence on the information. The enclosed forecasts include anticipated changes from the federal statute Patient Protection and Affordable Care Act ("PPACA") signed into law on March 23, 2010. Additional details of the benefit reductions can be found later in this report. In addition, it is noteworthy that some current PEIA members have become eligible for the West Virginia Children Health Insurance Plan effective in Fiscal Year 2016.

In FY 2017 the Pay-Go is equivalent to \$292 per retiree per month. In future years, the Pay Go premium may increase by a maximum of 3% per retiree per year, indexed to the initial fixed subsidy determined in FY 2013. The new Pay-Go premium formula is based on the financial plan approved by the Financial Board in December 2016.

This report includes updated claim trend assumptions as recommended in the report titled, "PEIA FY2016 Detailed Medical and Prescription Drugs Claim Trend Report - November 2016". In the circumstances and subject to the conditions described herein, we believe the financial plan approved by the Board for FY 2017 through FY 2022 may be reasonably expected to generate sufficient revenues, when combined with the existing surplus, to meet estimated insurance program and administrative costs of PEIA. In addition, we are forecasting that PEIA will meet the minimum 20% employee cost share requirement for state revenue in FY 2017 based on the scheduled revenue increases of the financial plan approved and amended by the Board in December 2016.

The conclusion of long-term solvency for the program over the five-year forecast is based on significant revenue increases in employer and employee premiums in later fiscal years of the plan through FY 2022 as approved by the Board.

The preparation of any estimate of future health costs requires consideration of a broad array of complex social and economic events. Changes in reimbursement methodology, the emergence of new and expensive medical procedures and prescription drugs options, and the continuing evolution of the framework of the managed care options, as are contemplated in the Board's proposed plan, increase the level of uncertainty of such estimates. As such, the estimate of insurance program costs contains considerable uncertainty and variability and actual experience may not conform to the assumptions used.

Respectfully,

Dave Bond, F.S.A., F.C.A., M.A.A.A.

Managing Partner

Dave Bond

Chris Borcik, F.S.A., F.C.A., M.A.A.A.

(Million) - Benit

Principal

West Virginia Public Employees Insurance Agency Report of Independent Actuary Financial Plan for FY 2017 – FY 2022

OVERVIEW

This report analyzes revenues and expenses related to funding the health and life insurance benefits of active employees of the State and various Local Agencies, together with their dependents. This report is intended for the sole use of the Board, and any other use requires written approval by Continuing Care Actuaries.

This report was compiled utilizing claims data collected by PEIA's third party administrators through August 2017 for prescription drugs and medical claims. Enrollment data, administrative expenses, managed care capitations, and plan revenues were provided at special request from PEIA. Revenue assumptions are based on premium rates, assumed investment income and significant general and special revenue allocations provided by the Governor, some of which have not been approved by the West Virginia Legislature. In addition, other information became available through presentations made at the Board meetings, which has been used in arriving at our conclusions.

The Code of the State of West Virginia establishes the actuarial reporting requirements for PEIA on an incurred basis for medical claims and capitations and on an accrued basis for administrative expenses and revenue for a period not to exceed five years. At the request of the Board, the reporting basis is based upon the separation of employees into two funds: Active Local Employee Fund and State Employee Fund. The Active Local Fund represents local governmental agencies, county governmental agencies and other public entities. The State Fund represents active state employees, college and university employees and county boards of education employees. The Active Local Fund and the State Fund are allocated administrative costs based on each fund's proportionate total revenue levels.

KEY ASSUMPTIONS

A. Enrollment Changes

These projections include the assumption that Preferred Provider Benefit ("PPB") and managed care enrollment will not change from September 2017 enrollment levels for the duration of these forecasts for active employees.

In aggregate, September 2017 enrollment for active employees has decreased by 1,384 coverages since the end of FY 2017. Aggregate PPB enrollment has decreased by 1,295 in total over the same period, while managed care enrollment experienced a decrease of 89 coverages.

In the State Fund, the overall active State enrollment decreased by 1,397 coverages from the end of FY 2017 to September 2017. And in the Local Fund, the overall active Local enrollment increased by 13 coverages from the end of FY 2017 to September 2017.

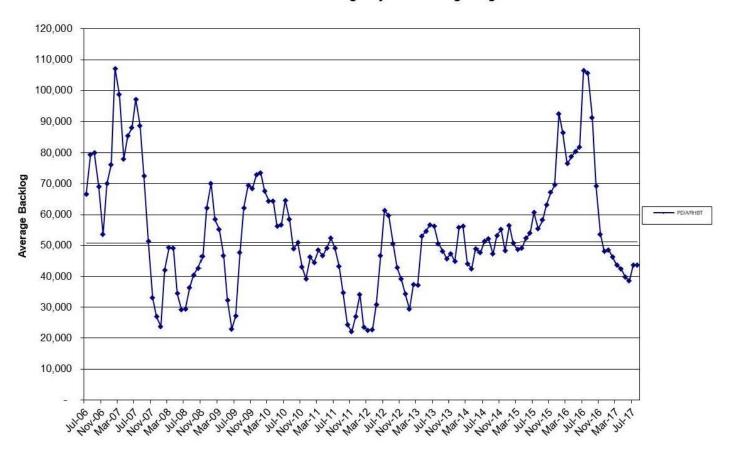
The following chart summarizes the current enrollment as of the selected monthly billing dates of June 2016, June 2017 and September 2017 for purposes of comparison:

PEIA		Preferre	d Provider	Benefit	M	re	
Fund	Coverage	Jun-16	Jun-17	Sep-17	Jun-16	Jun-17	Sep-17
State Active	Single	22,035	21,482	20,966	1,946	2,160	2,140
	Children	6,250	6,017	5,835	591	603	601
	<u>Family</u>	29,925	28,946	28,335	2,782	2,850	2,784
	Total	58,210	56,445	55,136	5,319	5,613	5,525
Local Active	Single	5,204	5,391	5,398	399	422	423
	Children	959	961	928	106	104	108
	<u>Family</u>	5,724	5,658	5,698	187	194	188
	Total	11,887	12,010	12,024	692	720	719
Plan Total		70,097	68,455	67,160	6,011	6,333	6,244
Grand Total					76,108	74,788	73,404

B. Changes in Claim Backlog

It should be noted that on July 1, 2006, all retirees were transferred to the RHBT. The chart below has not been adjusted to reflect the smaller risk pool. It has displayed the duration of claim payments that has been gradually declining for the self-insured block of non-Medicare coverages. Backlog has shown a historically flat trend since July 2006. However, it indicates a recent downward trend since the beginning of FY 2017.

WV PEIA&RHBT Claim Backlog July 2006 through August 2017



C. Trend Analysis

PEIA experienced slightly higher medical and prescription drug trends in FY 2017, but over the past few years, trends have been beneficial to the plan. Continuing Care Actuaries performed the detailed medical and prescription drugs trend analysis in the report titled, "PEIA FY2016 Detailed Medical and Prescription Drugs Claim Trend Report - November 2016". This report includes the detailed trend analysis of PEIA experience by medical and prescription drugs. Based on the analysis, the FY 2018 medical claim trend is 7.5% and the prescription drug claim trend is 11.5%.

The current trend projection is shown in the following table:

Claim Type	FY 2018 Trend
Active Local – Medical	7.5%
State – Medical	7.5%
Active Local – Drugs	11.5%
State – Drugs	11.5%

In addition, we have assumed that trends will increase by 0.5% in each successive fiscal year beginning in FY 2019. At the Board's request, the baseline trend assumptions have been established to reflect the most likely or expected trends. In order to provide information on the impact of varying trend assumptions, two alternative trend scenarios were developed. The Optimistic Scenario incorporates trend assumptions 2.0% below the Baseline Scenario and the Pessimistic Scenario incorporates trend assumptions 2.0% above the Baseline Scenario.

The following chart summarizes the trend results observed for the plan using data through August 2017. It is important to note that these trends <u>have not</u> been adjusted to reflect savings as a result of the expansion of the drug rebate program or the claim savings due to changes in provider reimbursement methodologies, nor the changes in the benefit structure. In developing the claim cost projection, we have reflected for benefit and reimbursement changes as an adjustment to the gross trend assumption.

PEIA Historical Trends (Active Local and State)

Fiscal	Active Local	State	Active Local	State	
Year	Medical	Medical	Drugs	Drugs	<u>Total</u>
2004	-1%	12%	9%	7%	9%
2005	16%	7%	7%	20%	11%
2006	1%	2%	18%	7%	3%
2007	15%	2%	13%	8%	5%
2008	3%	8%	-5%	-1%	4%
2009	-8%	3%	5%	4%	2%
2010	10%	1%	9%	9%	4%
2011	11%	8%	16%	15%	8%
2012	5%	5%	8%	6%	5%
2013	-3%	-3%	2%	6%	-3%
2014	8%	6%	9%	7%	7%
2015	6%	10%	14%	10%	10%
2016	9%	11%	12%	13%	11%
2017	4%	-1%	10%	9%	3%
2018*	3%	-4%	19%	16%	3%

^{*} Fiscal Year 2018 results are through the first two months ending August 2017.

D. Enrollment, Claim, Expense and Revenue Assumptions

Using PEIA paid claim data through August 2017 for medical claims and for prescription drugs claims, average annualized incurred unit claim costs were developed for the State Fund and the Local Fund for both self-funded and managed care coverages. Continuing Care Actuaries has developed the claim cost on an adjusted exposure basis using the respective expected claim cost for each coverage type. The adjusted exposure methodology weighs the expected claim cost under each coverage type for single, member and children, and family coverages based on observed differences in health care cost. For example, under this methodology single coverage types are given a weight of 1.0 exposure, whereas member and children coverages are given a greater weighting based on historical expected health care cost relationships. Based on this methodology, the result of FY 2017 and the projection of FY 2018 claims and expenses are summarized in the following chart. It should be noted that the chart reflects per policy information.

Fiscal Yea	scal Year 2017 Result		Net Revenue Pay	U	Expenses				
Fund	Program	Policies	Monthly Employer Premiums	Monthly Employee Premiums	Monthly Medical Costs	Monthly Drugs Costs*	Monthly Capitation Costs		
State	PPB <u>Managed Care</u> Total	56,869 5,596 62,465	\$575	\$138 \$155	\$492	\$173	\$565		
Local	PPB Managed Care Total	11,981 	\$483	\$0 \$0	\$468	\$145	\$428		

^{*}Net of rebates and subsidies.

Fiscal Yea	scal Year 2018 Projection		Net Revenue Pay	U	Expenses				
			Monthly Employer	Monthly Employee	Monthly Medical	Monthly Drugs	Monthly Capitation		
Fund	Program	Policies	Premiums	Premiums	Costs	Costs*	Costs		
State	PPB <u>Managed Care</u> Total	55,236 5,528 60,764	\$572	\$140 \$153	\$490	\$179	\$607		
Local	PPB	12,029	\$623	\$0	\$461	\$149			
	Managed Care Total	720 12,749		\$0			\$458		

^{*}Net of rebates and subsidies.

Projected plan revenues, administrative expenses, life insurance premiums, and the amount to be spent on wellness programs were provided by PEIA. Investment income is currently allocated to each fund based on average reserve levels for each fund. The following chart summarizes assumptions used in preparation of the attached forecasts.

Board Decisions – December 2016

(Revised for plan performance)

	Fiscal Year				
Source	2018	2019	2020	2021	2022
Additional State Employer Revenue	\$0	\$37,000,000	\$52,000,000	\$55,500,000	\$61,000,000
Additional Local Agency Revenue	\$6,600,000	\$16,000,000	\$16,000,000	\$14,500,000	\$16,000,000
Additional Employee Premium	\$0	\$9,300,000	\$13,000,000	\$13,900,000	\$15,300,000
State Direct Transfer	\$10,000,000	\$10,000,000	\$10,000,000	\$0	\$0
Benefit Reductions and Savings /					
(Increase) - Active State	\$31,765,000	\$0	\$0	\$0	\$0
Benefit Reductions and Savings /					
(Increase) - Active Local	\$7,174,000	\$0	\$0	\$0	\$0
PPACA Reinsurance Contributions					
(Cost)	\$0	\$0	\$0	\$0	\$0
PPACA Comparative Effectiveness					
Research Fees (Cost)	(\$322,586)	(\$320,561)	\$0	\$0	\$0
Pay Go Premium Transfer	\$160,000,000	\$170,000,000	\$180,000,000	\$190,000,000	\$200,000,000

The \$31,765,000 of Active State benefit reductions and savings in Fiscal Year 2018 is comprised of the following:

Medical Claims \$23.887 M
Drug Claims \$7.878 M

The \$7,174,000 of Active Local benefit reductions in Fiscal Year 2018 is comprised of the following:

Medical Claims \$5.560 M
Drug Claims \$1.614 M

A detailed list of the 2018 benefit reductions and savings for the Active Employee plan as voted on by the Board consists of the following:

	State Saving	Local Saving
Fee Schedules Payment Changes	\$0.929 M	\$0.164 M
Ded/MOOP Increases \$200/400 & \$1,000/2,000	\$19.430 M	\$0 M
Non State \$200/400 & \$1,000/2,000	\$0 M	\$4.320 M
Plan A, B & D Changes	\$3.100 M	\$1.000 M
Office Visits All PCP Copays \$20	<u>\$0.428 M</u>	\$0.076 M
Total Medical Benefit Reductions	\$23.887 M	\$5.560 M
Rx Mandatory Maintenance (90 Days)	\$7.669 M	\$1.571 M
Rx Specialty Copay Increases	<u>\$0.209 M</u>	<u>\$0.043 M</u>
Total Drugs Savings	\$7.878 M	\$1.614 M
Total Benefit Reductions and Savings	\$31.765 M	\$7.174 M

The Centers for Medicare & Medicaid Services ("CMS") and the United States Department of Health and Human Services ("HHS") released the final rule containing further detail and parameters related to the risk adjustment, reinsurance, and risk corridors programs in the ACA on November 26, 2012. Section 1341 of the ACA provides that health insurance issuers and third party administrators on behalf of group health plans must make payments to an applicable reinsurance entity.

Under the final rule, issuers would be required to pay a reinsurance contribution of \$5.25 per member per month to HHS in 2014. The \$5.25 contribution rate would gradually decrease in 2016. From 2017 and beyond, no further reinsurance contributions will be collected. PEIA will not receive any benefit payments from the national reinsurance program. PEIA will be subject to paying the reinsurance contributions through FY 2017 and the projected expenses of the reinsurance contributions are included in the current financial plan. The total reinsurance contributions for the financial projection are \$2,110,659 in FY 2017.

The Treasury Department and the Internal Revenue Service recently issued a final rule implementing a new tax added by the Affordable Care Act: The Comparative Effectiveness Research Fees. These fees are currently expected to be paid by health insurers and plan sponsors of self-insured group health plans.

The Affordable Care Act created a new Patient-Centered Outcomes Research Institute (PCORI) to conduct research evaluating and comparing health outcomes and assess the clinical effectiveness, risks and benefits of medical treatments. The PCORI's work will be paid for by a new Patient-Centered Outcomes Research Trust Fund, which will be funded in part through the comparative effectiveness research fees.

It is anticipated that PEIA would accrue and pay these fees through FY 2019. The fee would be \$2 per member per year. The total comparative effectiveness research fees for the financial projection are estimated to be approximately \$1,298,000, with \$655,025 in FY 2017.

Future fiscal year state revenue increases will require legislative appropriation. Additional local agency revenue represents premium increases to be charged to local agencies. Additional employee premiums represent employee premiums paid by active employees participating in the State Fund.

E. Provider Reimbursement Changes

Beyond the extension of the Medicaid / PEIA Hospital Bill throughout the forecast, there are no assumed changes in provider reimbursement for physicians, hospitals and pharmaceutical charges beyond the annual cost updates that PEIA has implemented historically.

FISCAL YEAR 2017 RESULT

The financial result for FY 2017 under the Baseline scenario is presented in the Appendix. The Baseline result for FY 2017 ends with accrued revenue of \$795,700,319 and incurred plan expenses of \$751,646,013 to produce a fiscal year surplus of \$44,054,306. The PEIA local and state agencies Pay Go premiums for FY 2017 are \$148,908,694.

Under the Baseline Scenario, FY 2017 ends with a reserve of \$149,044,191 and the FY 2018 PEIA/RHBT combined, projected plan expenditures of \$857,842,124, which represents 17% of projected expenditures based on the current reserve methodology. The projected reserve meets the minimum actuarial required reserve of \$117,446,461. This reserve is comprised of 15% of self-insured claim expenses, and 10% of all other program expenses under the Baseline Scenario.

FISCAL YEAR 2018 FORECAST

The financial forecast for FY 2018 under the Baseline scenario is presented in the Appendix. The Baseline forecast for FY 2018 projects accrued revenue of \$786,488,157 and incurred plan expenses of \$754,705,310 to produce a fiscal year surplus of \$31,782,847. The PEIA local and state agencies Pay Go premiums for FY 2018 are assumed to be \$160,000,000.

Under the Baseline Scenario, FY 2018 is projected to end with a reserve of \$180,827,038 and the FY 2019 PEIA/RHBT combined, projected plan expenditures of \$853,829,751, which represents 21% of projected expenditures based on the current reserve methodology. The projected reserve meets the minimum actuarial required reserve of \$116,597,096. This reserve is comprised of 15% of self-insured claim expenses, and 10% of all other program expenses under the Baseline Scenario. Under the Optimistic Scenario, the ending reserve is expected to increase to \$186,208,982 and under the Pessimistic Scenario, the ending reserve is expected to decrease to \$175,474,866.

FISCAL YEAR 2019 FORECAST

The financial forecast for FY 2019 under the Baseline scenario is presented in the Appendix. The Baseline forecast for FY 2019 projects accrued revenue of \$850,478,224 and incurred plan expenses of \$818,433,630 to produce a fiscal year surplus of \$32,044,594. The PEIA local and state agencies Pay Go premiums for FY 2019 are assumed to be \$170,000,000.

Under the Baseline Scenario, FY 2019 is projected to end with a reserve of \$212,871,633 and the FY 2020 PEIA/RHBT combined, projected plan expenditures of \$926,097,901, which represents 23% of projected expenditures based on the current reserve methodology. The projected reserve meets the minimum actuarial required reserve of \$126,516,789. This reserve is comprised of 15% of self-insured claim expenses, and 10% of all other program expenses under the Baseline Scenario. Under the Optimistic Scenario, the ending reserve is expected to increase to \$234,836,544 and under the Pessimistic Scenario, the ending reserve is expected to decrease to \$190,755,418.

FISCAL YEAR 2020 FORECAST

The financial forecast for FY 2020 under the Baseline scenario is presented in the Appendix. The Baseline forecast for FY 2020 projects accrued revenue of \$933,247,708 and incurred plan expenses of \$886,216,207 to produce a fiscal year surplus of \$47,031,501. The PEIA local and state agencies Pay Go premiums for FY 2020 are assumed to be \$180,000,000.

Under the Baseline Scenario, FY 2020 is projected to end with a reserve of \$259,903,134 and the FY 2021 PEIA/RHBT combined, projected plan expenditures of \$1,017,810,260, which represents 26% of projected expenditures based on the current reserve methodology. The projected reserve meets the minimum actuarial required reserve of \$138,908,845. This reserve is comprised of 15% of self-insured claim expenses, and 10% of all other program expenses under the Baseline Scenario. Under the Optimistic Scenario, the ending reserve is expected to increase to \$311,873,579 and under the Pessimistic Scenario, the ending reserve is expected to decrease to \$206,917,581.

FISCAL YEAR 2021 FORECAST

The financial forecast for FY 2021 under the Baseline scenario is presented in the Appendix. The Baseline forecast for FY 2021 projects accrued revenue of \$1,009,552,673 and incurred plan expenses of \$962,655,113 to produce a fiscal year surplus of \$46,897,560. The PEIA local and state agencies Pay Go premiums for FY 2021 are assumed to be \$190,000,000.

Under the Baseline Scenario, FY 2021 is projected to end with a reserve of \$306,800,693 and the FY 2022 PEIA/RHBT combined, projected plan expenditures of \$1,124,178,015, which represents 27% of projected expenditures based on the current reserve methodology. The projected reserve meets the minimum actuarial required reserve of \$153,270,068. This reserve is comprised of 15% of self-insured claim expenses, and 10% of all other program expenses under the Baseline Scenario. Under the Optimistic Scenario, the ending reserve is expected to increase to \$404,907,371 and under the Pessimistic Scenario, the ending reserve is expected to decrease to \$205,513,613.

FISCAL YEAR 2022 FORECAST

The financial forecast for FY 2022 under the Baseline scenario is presented in the Appendix. The Baseline forecast for FY 2022 projects accrued revenue of \$1,104,306,037 and incurred plan expenses of \$1,048,893,440 to produce a fiscal year surplus of \$55,412,597. The PEIA local and state agencies Pay Go premiums for FY 2022 are assumed to be \$200,000,000.

Under the Baseline Scenario, FY 2022 is projected to end with a reserve of \$362,213,290 and the FY 2023 PEIA/RHBT combined, projected plan expenditures of \$1,247,537,972, which represents 29% of projected expenditures based on the current reserve methodology. The projected reserve meets the minimum actuarial required reserve of \$169,921,844. This reserve is comprised of 15% of self-insured claim expenses, and 10% of all other program expenses under the Baseline Scenario. Under the Optimistic Scenario, the ending reserve is expected to increase to \$525,888,773 and under the Pessimistic Scenario, the ending reserve is expected to decrease to \$191,079,979.

LITIGATION

The forecasts presented in the attached tables do not contemplate any additional revenues or expenses to be generated from litigation activities.

SUMMARY

With projected changes to the plan as adopted by the PEIA Finance Board, we are forecasting that the plan will meet the minimum 10% reserve target set by West Virginia Statute and the minimum actuarial required reserve target through the projection period ending with the Fiscal Year 2022, using the Baseline assumptions. These projections are based on significant revenue increases as contained in the Financial Plan adopted by the Board in December 2016 and are contingent on legislative approval. These forecasts are based on assumptions including the estimated cost and savings of plan changes, expected trend levels and exposure levels. The continued enrollment changes of the managed care options, changes in physician, ambulatory and hospital provider reimbursement, possible changes in methodology of managed care premium calculation, and changes in the prescription drugs program, can be expected to further exacerbate the difficulty of projecting future medical and drugs claim levels and lags. These projections do not incorporate any anticipated effects of national or state health care reform, such as universal health insurance initiatives and Medicaid reform. As such, actual results deviating from those amounts projected in these pages should not be unexpected. With the legislatively mandated requirement of a five-year projection, it should be assumed that constant modifications would be required.

APPENDIX - BASELINE SCENARIO PEIA - ACTIVE LOCAL AND STATE

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL RESULT FISCAL YEAR 2017

PERIOD 7/1/2016 - 6/30/2017

		Active				
		Local		State		PEIA
		Fund		Fund		Total
Revenues						
Employer Premiums - PPB	\$	84,984,393	\$	383,704,595	\$	468,688,987
Employer Premiums - MCO		4,209,826		38,618,225		42,828,051
Employee Premiums - PPB		-		94,497,872		94,497,872
Employee Premiums - MCO		-		10,419,984		10,419,984
WV RHBT Pay Go Premiums		25,171,791		123,736,903		148,908,694
Life Insurance		198,948		1,061,714		1,260,662
Direct Transfers		-		10,000,000		10,000,000
Investment Income		3,669,370		9,138,192		12,807,562
Litigation Settlement		-		-		-
COBRA Premiums		277,137		1,150,719		1,427,856
Administrative Fees		743,139		4,117,511		4,860,650
		·				
Total Revenue	\$	119,254,604	\$	676,445,715	\$	795,700,319
D						
Program Expenses	Φ.	67.225.274	Ф	225 702 607	Ф	402 020 071
Medical Claims	\$	67,325,374	\$	335,702,697	\$	403,028,071
Prescription Drug Claims		20,818,729		117,730,123		138,548,852
Managed Care Capitations		3,731,067		37,969,354		41,700,421
Administration		2,195,710		11,717,698		13,913,408
Life Insurance		198,948		1,061,714		1,260,662
Wellness		239,910		1,280,312		1,520,222
ACA Reinsurance Contributions		333,088		1,777,570		2,110,658
ACA Comparative Effectiveness Research Fees		101,285		553,740		655,025
Computer Software Reserve		-		-		-
Director's Discretionary Fund		-		-		-
WV RHBT Pay Go Premiums		25,171,791		123,736,903		148,908,694
Total Expenses	\$	120,115,902	\$	631,530,111	\$	751,646,013
Tom. Zponoco	Ψ	120,113,702	Ψ	031,330,111	Ψ	701,010,013
Fiscal Year Results	\$	(861,298)	\$	44,915,604	\$	44,054,306
Beginning Plan Reserve		38,699,754		66,290,131		104,989,885
		, ,, -		,,		
Ending Plan Reserve	\$	37,838,456	\$	111,205,735	\$	149,044,191
Reserve as a Percent of Expenses						17%

	1121	110001111110110		
Additional State Employer Premiums	\$ 66,800,000		Claim and Other Expense Trends	
Additional Local Agency Revenue	\$ 4,150,000	Eligibility	<u>Medical</u>	Drugs
Additional State Employee Premiums	\$ 14,500,000	Active Local	7.0%	11.0%
Direct Transfers	\$ 10,000,000	State	7.0%	11.0%
		Capitations		13.2%
		Administrative E	xpense	-15.8%

APPENDIX - BASELINE SCENARIO PEIA - LOCAL FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL RESULT FISCAL YEAR 2017

PERIOD 7/1/2016 - 6/30/2017

Local Fund	Baseli Projecti		8
Revenues Employer Premiums - PPB Employer Premiums - MCO Employee Premiums - PPB Employee Premiums - MCO WV RHBT Pay Go Premiums Life Insurance Direct Transfers Investment Income Litigation Settlement COBRA Premiums Administrative Fees Total Revenue	\$ 84,984,39 4,209,82 - - 25,171,79 198,94 - 3,669,33 - 277,13 743,13	6	\$ 84,984,393 4,209,826 - - 25,171,791 198,948 - 3,669,370 - 277,137 743,139 \$ 119,254,604
Program Expenses Medical Claims Prescription Drug Claims Managed Care Capitations Administration Life Insurance Wellness ACA Reinsurance Contributions ACA Comparative Effectiveness Research Fees Computer Software Reserve Director's Discretionary Fund WV RHBT Pay Go Premiums Total Expenses	\$ 68,150,37 20,818,72 3,731,06 2,195,71 198,94 239,91 333,08 101,28 - - 25,171,79 \$ 120,940,96	9 \$ - 7 0 8 0 8 5	20,818,729 3,731,067 2,195,710 198,948 239,910 333,088 101,285
Fiscal Year Results Beginning Plan Reserve Ending Plan Reserve Reserve as a Percent of Expenses	\$ (1,686,29 38,699,75 \$ 37,013,45	4	\$ (861,298) 38,699,754 \$ 37,838,456 27%

Additional Local Agency Revenue	\$ 4,150,000	Claim a	and Other Expense Trends	
		<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
		Local	7.0%	11.0%
		Capitations		13.2%
		Administrative Expense		-15.8%

APPENDIX - BASELINE SCENARIO PEIA - STATE FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL RESULT FISCAL YEAR 2017

PERIOD 7/1/2016 - 6/30/2017

State		Baseline		Board		Ending
Fund		Projection		Decision		Projection
Revenues						
Employer Premiums - PPB	\$	383,704,595	\$		\$	383,704,595
Employer Premiums - 11 B Employer Premiums - MCO	Φ	38,618,225	Ф	-	Φ	38,618,225
Employee Premiums - PPB		94,497,872		-		94,497,872
Employee Premiums - PFB Employee Premiums - MCO		10,419,984		-		10,419,984
WV RHBT Pay Go Premiums		123,736,903		-		123,736,903
Life Insurance		1,061,714				1,061,714
Direct Transfers		10,000,000				10,000,000
Investment Income		9,138,192				9,138,192
Litigation Settlement		9,130,192				9,130,192
COBRA Premiums		1,150,719				1,150,719
Administrative Fees		· · ·				
Administrative rees		4,117,511				4,117,511
Total Revenue	\$	676,445,715	\$	-	\$	676,445,715
Program Expenses		220 555 605	Ф	(4.055.000)	Φ.	225 502 605
Medical Claims	\$	339,777,697	\$	(4,075,000)	\$	335,702,697
Prescription Drug Claims		141,130,123	\$	(23,400,000)		117,730,123
Managed Care Capitations		37,969,354		-		37,969,354
Administration		11,717,698				11,717,698
Life Insurance		1,061,714				1,061,714
Wellness		1,280,312				1,280,312
ACA Reinsurance Contributions		1,777,570				1,777,570
ACA Comparative Effectiveness Research Fees		553,740				553,740
Computer Software Reserve		-				-
Director's Discretionary Fund		122 726 002				122 726 002
WV RHBT Pay Go Premiums		123,736,903				123,736,903
Total Expenses	\$	659,005,111	\$	(27,475,000)	\$	631,530,111
		4- 440				44.04.5.55
Fiscal Year Results	\$	17,440,604			\$	44,915,604
Beginning Plan Reserve		66,290,131				66,290,131
Ending Plan Reserve Reserve as a Percent of Expenses	\$	83,730,735			\$	111,205,735 15%

Additional State Employer Premiums	\$ 66,800,000	Claim ai	nd Other Expense Trends	
Additional State Employee Premiums	\$ 14,500,000	Eligibility	<u>Medical</u>	<u>Drugs</u>
Direct Transfers	\$ 10,000,000	State	7.0%	11.0%
		Capitations		13.2%
		Administrative Expense		-15.8%

APPENDIX - BASELINE SCENARIO PEIA - ACTIVE LOCAL AND STATE

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2018

PERIOD 7/1/2017 - 6/30/2018

		Active				
		Local		State		PEIA
		Fund		Fund		Total
		Tunu		Tunu		Total
Revenues						
Employer Premiums - PPB	\$	89,958,472	\$	365,783,184	\$	455,741,656
Employer Premiums - MCO		4,392,568		37,955,795		42,348,363
Employee Premiums - PPB		-		92,631,534		92,631,534
Employee Premiums - MCO		_		10,168,594		10,168,594
WV RHBT Pay Go Premiums		27,747,031		132,252,969		160,000,000
Life Insurance		208,896		1,114,799		1,323,695
Direct Transfers		-		10,000,000		10,000,000
Investment Income		1,853,426		6,161,542		8,014,968
Litigation Settlement		-		· · · · -		-
COBRA Premiums		293,159		1,105,538		1,398,697
Administrative Fees		743,139		4,117,511		4,860,650
		,				
Total Revenue	\$	125,196,690	\$	661,291,467	\$	786,488,157
Program Expenses			_		_	
Medical Claims	\$	66,519,957	\$	324,767,178	\$, ,
Prescription Drug Claims		21,506,322		118,957,682		140,464,005
Managed Care Capitations		3,954,932		40,247,515		44,202,447
Administration		1,912,347		10,205,494		12,117,841
Life Insurance		208,896		1,114,799		1,323,695
Wellness		514,486		2,745,625		3,260,111
ACA Reinsurance Contributions		-		-		-
ACA Comparative Effectiveness Research Fees		49,352		273,235		322,587
Computer Software Reserve		205.060		-		1 707 400
Director's Discretionary Fund		285,969		1,441,520		1,727,489
WV RHBT Pay Go Premiums		27,747,031		132,252,969		160,000,000
Total Expenses	\$	122,699,293	\$	632,006,017	\$	754,705,310
Total Expenses	Ψ	122,077,273	Ψ	032,000,017	Ψ	73 1,703,310
Fiscal Year Results	\$	2,497,397	\$	29,285,450	\$	31,782,847
Beginning Plan Reserve		37,838,456		111,205,735		149,044,191
Deginning I lan reserve		37,030, 1 30		111,203,733		177,077,171
Ending Plan Reserve	\$	40,335,853	\$	140,491,185	\$	180,827,038
Reserve as a Percent of Expenses					L	21%

Additional State Employer Premiums	\$ -	Claim a	nd Other Expense Trends	
Additional Local Agency Revenue	\$ 6,600,000	<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
Additional State Employee Premiums	\$ -	Active Local	7.5%	11.5%
Direct Transfers	\$ 10,000,000	State	7.5%	11.5%
		Capitations		6.0%
		Administrative Expense		3.0%

APPENDIX - BASELINE SCENARIO PEIA - LOCAL FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2018

PERIOD 7/1/2017 - 6/30/2018

Local Fund		Baseline Projection	Board Decision		Ending Projection
runu	+	Trojection	Decision		Trojection
<u>Revenues</u>					
Employer Premiums - PPB	\$	89,958,472	\$ -	\$	89,958,472
Employer Premiums - MCO		4,392,568	-		4,392,568
Employee Premiums - PPB		-	-		-
Employee Premiums - MCO		-	-		-
WV RHBT Pay Go Premiums		27,747,031			27,747,031
Life Insurance		208,896			208,896
Direct Transfers		-			-
Investment Income		1,853,426			1,853,426
Litigation Settlement		-			-
COBRA Premiums		293,159			293,159
Administrative Fees		743,139			743,139
Total Revenue	\$	125,196,690	\$ -	\$	125,196,690
Program Expenses					
Medical Claims	\$	72,079,957	\$ (5,560,000)	\$	66,519,957
Prescription Drug Claims		23,120,322	\$ (1,614,000)		21,506,322
Managed Care Capitations		3,954,932			3,954,932
Administration		1,912,347			1,912,347
Life Insurance		208,896			208,896
Wellness		514,486			514,486
ACA Reinsurance Contributions		-			-
ACA Comparative Effectiveness Research Fees		49,352			49,352
Computer Software Reserve		-			-
Director's Discretionary Fund		285,969			285,969
WV RHBT Pay Go Premiums		27,747,031			27,747,031
Total Expenses	\$	129,873,292	\$ (7,174,000)	\$	122,699,292
Fiscal Year Results	\$	(4,676,602)		\$	2,497,398
Beginning Plan Reserve		37,838,456			37,838,456
	_			+	40
Ending Plan Reserve	\$	33,161,854		\$	40,335,854
Reserve as a Percent of Expenses					29%

	IXL1	ABBUMI HOND		
Additional Local Agency Revenue	\$ 6,600,000	Clair	n and Other Expense Trends	
		<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
		Local	7.5%	11.5%
		Capitations		6.0%
		Administrative Expen	se	3.0%

APPENDIX - BASELINE SCENARIO PEIA - STATE FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2018

PERIOD 7/1/2017 - 6/30/2018

State		Baseline		Board		Ending
Fund		Projection		Decision		Projection
Revenues						
Employer Premiums - PPB	\$	365,783,184	\$	_	\$	365,783,184
Employer Premiums - MCO	ľ	37,955,795	Ψ	_	Ψ	37,955,795
Employee Premiums - PPB		92,631,534		_		92,631,534
Employee Premiums - MCO		10,168,594		_		10,168,594
WV RHBT Pay Go Premiums		132,252,969				132,252,969
Life Insurance		1,114,799				1,114,799
Direct Transfers		10,000,000				10,000,000
Investment Income		6,161,542				6,161,542
Litigation Settlement		0,101,512				0,101,512
COBRA Premiums		1,105,538				1,105,538
Administrative Fees		4,117,511				4,117,511
Administrative rees		4,117,511				4,117,511
Total Revenue	\$	661,291,467	\$	-	\$	661,291,467
Program Expenses						
Medical Claims	\$	348,654,178	\$	(23,887,000)	\$	324,767,178
Prescription Drug Claims		126,835,682	\$	(7,878,000)		118,957,682
Managed Care Capitations		40,247,515				40,247,515
Administration		10,205,494				10,205,494
Life Insurance		1,114,799				1,114,799
Wellness		2,745,625				2,745,625
ACA Reinsurance Contributions		-				-
ACA Comparative Effectiveness Research Fees		273,235				273,235
Computer Software Reserve		-				-
Director's Discretionary Fund		1,441,520				1,441,520
WV RHBT Pay Go Premiums		132,252,969				132,252,969
,		, ,				, ,
Total Expenses	\$	663,771,017	\$	(31,765,000)	\$	632,006,017
Fiscal Year Results	\$	(2,479,550)			\$	29,285,450
Beginning Plan Reserve		111,205,735				111,205,735
Ending Plan Reserve	\$	108,726,185			\$	140,491,185
Reserve as a Percent of Expenses						20%

Additional State Employer Premiums	\$ -	Claim	and Other Expense Trends	
Additional State Employee Premiums	\$ -	Eligibility	<u>Medical</u>	<u>Drugs</u>
Direct Transfers	\$ 10,000,000	State	7.5%	11.5%
		Capitations		6.0%
		Administrative Expens	e	3.0%

APPENDIX - BASELINE SCENARIO PEIA - ACTIVE LOCAL AND STATE

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2019

PERIOD 7/1/2018 - 6/30/2019

	Active		
	Local	State	PEIA
	Fund	Fund	Total
Revenues			
Employer Premiums - PPB	\$ 102,909,145	\$ 393,815,485	\$ 496,724,630
Employer Premiums - MCO	5,039,276	40,845,588	45,884,864
Employee Premiums - PPB	-	99,648,572	99,648,572
Employee Premiums - MCO	-	10,932,080	10,932,080
WV RHBT Pay Go Premiums	30,149,647	139,850,353	170,000,000
Life Insurance	219,340	1,170,539	1,389,879
Direct Transfers	-	10,000,000	10,000,000
Investment Income	1,990,928	7,521,206	9,512,134
Litigation Settlement	-	-	-
COBRA Premiums	335,408	1,190,007	1,525,415
Administrative Fees	743,139	4,117,511	4,860,650
Total Revenue	\$ 141,386,884	\$ 709,091,340	\$ 850,478,224
Program Expenses Medical Claims Prescription Drug Claims Managed Care Capitations Administration Life Insurance Wellness ACA Reinsurance Contributions	\$ 71,664,425 24,029,976 4,192,227 2,375,980 219,340 844,297	\$ 349,333,301 132,710,913 42,662,366 12,679,736 1,170,539 4,505,703	\$ 420,997,726 156,740,889 46,854,593 15,055,716 1,389,879 5,350,000
ACA Comparative Effectiveness Research Fees	48,781	271,780	320,561
Computer Software Reserve Director's Discretionary Fund WV RHBT Pay Go Premiums	285,601 30,149,647	1,438,665 139,850,353	1,724,266 170,000,000
Total Expenses	\$ 133,810,274	\$ 684,623,355	\$ 818,433,630
Fiscal Year Results	\$ 7,576,610	\$ 24,467,985	\$ 32,044,594
Beginning Plan Reserve	40,335,853	140,491,185	180,827,038
Ending Plan Reserve Reserve as a Percent of Expenses	\$ 47,912,463	\$ 164,959,170	\$ 212,871,633 23%

Additional State Employer Premiums	\$ 37,000,000	Claim a	nd Other Expense Trends	
Additional Local Agency Revenue	\$ 16,000,000	<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
Additional State Employee Premiums	\$ 9,300,000	Active Local	8.0%	12.0%
Direct Transfers	\$ 10,000,000	State	8.0%	12.0%
		Capitations		6.0%
		Administrative Expense		3.0%

APPENDIX - BASELINE SCENARIO PEIA - LOCAL FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2019

PERIOD 7/1/2018 - 6/30/2019

Local Fund	Baseline Projection		Board Decision	Ending Projection
Revenues Employer Premiums - PPB Employer Premiums - MCO Employee Premiums - PPB Employee Premiums - MCO WV RHBT Pay Go Premiums Life Insurance Direct Transfers Investment Income Litigation Settlement COBRA Premiums Administrative Fees Total Revenue	\$ 87,690,087 4,258,334 - 30,149,647 219,340 - 1,990,928 - 335,408 743,139	\$	15,219,058 780,942 - - -	\$ 102,909,145 5,039,276 - 30,149,647 219,340 - 1,990,928 - 335,408 743,139 141,386,884
Program Expenses Medical Claims Prescription Drug Claims Managed Care Capitations Administration Life Insurance Wellness ACA Reinsurance Contributions ACA Comparative Effectiveness Research Fees Computer Software Reserve Director's Discretionary Fund WV RHBT Pay Go Premiums Total Expenses	\$ 71,664,425 24,029,976 4,192,227 2,375,980 219,340 844,297 - 48,781 - 285,601 30,149,647 133,810,274	\$ \$	-	\$ 71,664,425 24,029,976 4,192,227 2,375,980 219,340 844,297 - 48,781 - 285,601 30,149,647 133,810,274
Fiscal Year Results Beginning Plan Reserve Ending Plan Reserve Reserve as a Percent of Expenses	\$ (8,423,390) 40,335,853 31,912,463			\$ 7,576,610 40,335,853 47,912,463 31%

Additional Local Agency Revenue	\$ 16,000,000	Claim	and Other Expense Trends	
		Eligibility	<u>Medical</u>	<u>Drugs</u>
		Local	8.0%	12.0%
		Capitations		6.0%
		Administrative Expense	e	3.0%

APPENDIX - BASELINE SCENARIO PEIA - STATE FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2019

PERIOD 7/1/2018 - 6/30/2019

State Fund		Baseline Projection		Board Decision		Ending Projection
Revenues		, , ,				<u> </u>
Employer Premiums - PPB	\$	360,270,518	\$	33,544,967	\$	393,815,485
Employer Premiums - MCO	Ψ	37,390,555	Ψ	3,455,033	Ψ	40,845,588
Employee Premiums - PPB		91,253,368		8,395,204		99,648,572
Employee Premiums - MCO		10,027,284		904,796		10,932,080
WV RHBT Pay Go Premiums		139,850,353		70 4 ,770		139,850,353
Life Insurance		1,170,539				1,170,539
Direct Transfers		10,000,000				10,000,000
Investment Income		7,521,206				7,521,206
		7,321,200				7,321,200
Litigation Settlement COBRA Premiums		1,190,007				1,190,007
Administrative Fees		4,117,511				4,117,511
Total Revenue	\$	662,791,340	\$	46,300,000	\$	709,091,340
<u>Program Expenses</u>						
Medical Claims	\$	349,333,301	\$	-	\$	349,333,301
Prescription Drug Claims		132,710,913	\$	-		132,710,913
Managed Care Capitations		42,662,366				42,662,366
Administration		12,679,736				12,679,736
Life Insurance		1,170,539				1,170,539
Wellness		4,505,703				4,505,703
ACA Reinsurance Contributions		-				-
ACA Comparative Effectiveness Research Fees		271,780				271,780
Computer Software Reserve		-				-
Director's Discretionary Fund		1,438,665				1,438,665
WV RHBT Pay Go Premiums		139,850,353				139,850,353
Total Expenses	\$	684,623,356	\$	-	\$	684,623,356
-						
Fiscal Year Results	\$	(21,832,016)			\$	24,467,984
Beginning Plan Reserve		140,491,185				140,491,185
Ending Plan Reserve	\$	118,659,169			\$	164,959,169
Linding I ian reserve	Ψ	110,037,109			Ψ	107,737,107

Additional State Employer Premiums	\$ 37,000,000	Claim	and Other Expense Trends	
Additional State Employee Premiums	\$ 9,300,000	Eligibility	<u>Medical</u>	<u>Drugs</u>
Direct Transfers	\$ 10,000,000	State	8.0%	12.0%
		Capitations		6.0%
		Administrative Expense	:	3.0%

APPENDIX - BASELINE SCENARIO PEIA - ACTIVE LOCAL AND STATE

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2020

PERIOD 7/1/2019 - 6/30/2020

		Active				
		Local		State		PEIA
		Fund		Fund		Total
					t	
Revenues						
Employer Premiums - PPB	\$	115,839,630	\$	435,452,014	\$	551,291,644
Employer Premiums - MCO		5,683,368		45,149,398		50,832,766
Employee Premiums - PPB		-		110,006,866		110,006,866
Employee Premiums - MCO		-		12,058,870		12,058,870
WV RHBT Pay Go Premiums		32,575,071		147,424,929		180,000,000
Life Insurance		230,307		1,229,066		1,459,373
Direct Transfers		-		10,000,000		10,000,000
Investment Income		2,335,207		8,709,406		11,044,613
Litigation Settlement		-		· · · · -		-
COBRA Premiums		377,586		1,315,340		1,692,926
Administrative Fees		743,139		4,117,511		4,860,650
		,		, ,		, ,
Total Revenue	\$	157,784,308	\$	775,463,400	\$	933,247,708
Program Expenses	_		_		L	
Medical Claims	\$	77,593,815	\$	378,236,533	\$	
Prescription Drug Claims		26,979,737		149,001,626		175,981,363
Managed Care Capitations		4,443,761		45,222,108		49,665,869
Administration		2,447,260		13,060,128		15,507,388
Life Insurance		230,307		1,229,066		1,459,373
Wellness		954,766		5,095,234		6,050,000
ACA Reinsurance Contributions		-		-		-
ACA Comparative Effectiveness Research Fees		-		-		-
Computer Software Reserve		-		-		-
Director's Discretionary Fund		284,992		1,436,873		1,721,865
WV RHBT Pay Go Premiums		32,575,071		147,424,929		180,000,000
Total Expenses	\$	145,509,709	\$	740,706,498	\$	886,216,207
Total Expenses	Ψ	113,305,705	Ψ	7 10,700,150	ļΨ	000,210,207
					T	
Fiscal Year Results	\$	12,274,599	\$	34,756,902	\$	47,031,501
Beginning Plan Reserve		47,912,463		164,959,170		212,871,633
Ending Plan Reserve	\$	60,187,061	\$	199,716,072	\$	259,903,134
Reserve as a Percent of Expenses	Ψ	00,107,001	Ψ	1,,,,,10,072	ľ	26%

Additional State Employer Premiums	\$ 52,000,000	Claim	and Other Expense Trends	
Additional Local Agency Revenue	\$ 16,000,000	<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
Additional State Employee Premiums	\$ 13,000,000	Active Local	8.5%	12.5%
Direct Transfers	\$ 10,000,000	State	8.5%	12.5%
		Capitations		6.0%
		Administrative Expense		3.0%

APPENDIX - BASELINE SCENARIO PEIA - LOCAL FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2020

PERIOD 7/1/2019 - 6/30/2020

Local Fund		Baseline Projection	Boa Decisi		Ending Projection
Revenues Employer Premiums - PPB Employer Premiums - MCO Employee Premiums - PPB Employee Premiums - MCO WV RHBT Pay Go Premiums Life Insurance Direct Transfers Investment Income Litigation Settlement COBRA Premiums Administrative Fees	\$	100,620,572 4,902,426 - - 32,575,071 230,307 - 2,335,207 - 377,586 743,139	\$ 15,219,0 780,9 - -		\$ 115,839,630 5,683,368 - - 32,575,071 230,307 - 2,335,207 - 377,586 743,139
Total Revenue	\$	141,784,308	\$ 16,000,0	00	\$ 157,784,308
Program Expenses Medical Claims Prescription Drug Claims Managed Care Capitations Administration Life Insurance Wellness ACA Reinsurance Contributions ACA Comparative Effectiveness Research Fees Computer Software Reserve Director's Discretionary Fund WV RHBT Pay Go Premiums Total Expenses	s	77,593,815 26,979,737 4,443,761 2,447,260 230,307 954,766 - 284,992 32,575,071 145,509,709	\$ -		\$ 77,593,815 26,979,737 4,443,761 2,447,260 230,307 954,766 - 284,992 32,575,071 145,509,709
Fiscal Year Results	\$	(3,725,401)			\$ 12,274,599
Beginning Plan Reserve		47,912,463			47,912,463
Ending Plan Reserve Reserve as a Percent of Expenses	\$	44,187,062			\$ 60,187,062 36%

Additional Local Agency Revenue	\$ 16,000,000	Claim	and Other Expense Trends	
		Eligibility	<u>Medical</u>	<u>Drugs</u>
		Local	8.5%	12.5%
		Capitations		6.0%
		Administrative Expense	e	3.0%

APPENDIX - BASELINE SCENARIO PEIA - STATE FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2020

PERIOD 7/1/2019 - 6/30/2020

G	T	ъ и				Б. И
State		Baseline		Board		Ending
Fund		Projection		Decision		Projection
Revenues						
Employer Premiums - PPB	\$	388,307,736	\$	47,144,278	\$	435,452,014
Employer Premiums - MCO	Ψ	40,293,676	Ψ	4,855,722	Ψ	45,149,398
Employee Premiums - PPB		98,271,635		11,735,231		110,006,866
Employee Premiums - MCO		10,794,101		1,264,769		12,058,870
WV RHBT Pay Go Premiums		147,424,929		1,201,700		147,424,929
Life Insurance		1,229,066				1,229,066
Direct Transfers		10,000,000				10,000,000
Investment Income		8,709,406				8,709,406
Litigation Settlement		-				-
COBRA Premiums		1,315,340				1,315,340
Administrative Fees		4,117,511				4,117,511
Turimistrative Fees		1,117,511				1,117,511
Total Revenue	\$	710,463,400	\$	65,000,000	\$	775,463,400
	T					
Program Expenses	Φ.	250 226 522			Ф	270 227 522
Medical Claims	\$	378,236,533			\$	378,236,533
Prescription Drug Claims		149,001,626				149,001,626
Managed Care Capitations		45,222,108				45,222,108
Administration		13,060,128				13,060,128
Life Insurance		1,229,066				1,229,066
Wellness		5,095,234				5,095,234
ACA Comparation Effections and Research Force		-				-
ACA Comparative Effectiveness Research Fees Computer Software Reserve		-				-
Director's Discretionary Fund		1,436,873				1,436,873
WV RHBT Pay Go Premiums		147,424,929				147,424,929
Total Expenses	\$	740,706,497	\$	-	\$	740,706,497
	—					
Fiscal Year Results	\$	(30,243,097)			\$	34,756,903
Beginning Plan Reserve		164,959,170				164,959,170
Deginning I fall Reserve		104,939,1/0				104,939,170
Ending Plan Reserve	\$	134,716,073			\$	199,716,073
Reserve as a Percent of Expenses	Щ					24%

Additional State Employer Premiums	\$ 52,000,000	Claim ar	nd Other Expense Trends	
Additional State Employee Premiums	\$ 13,000,000	Eligibility	<u>Medical</u>	Drugs
Direct Transfers	\$ 10,000,000	State	8.5%	12.5%
		Capitations		6.0%
		Administrative Expense		3.0%

APPENDIX - BASELINE SCENARIO PEIA - ACTIVE LOCAL AND STATE

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2021

PERIOD 7/1/2020 - 6/30/2021

	Active		
	Local	State	PEIA
	Fund	Fund	Total
Revenues			
Employer Premiums - PPB	\$ 127,353,437	\$ 480,253,926	\$ 607,607,363
Employer Premiums - MCO	6,254,852	49,779,253	56,034,105
Employee Premiums - PPB	-	121,175,650	121,175,650
Employee Premiums - MCO	-	13,273,028	13,273,028
WV RHBT Pay Go Premiums	34,989,780	155,010,220	190,000,000
Life Insurance	241,823	1,290,520	1,532,343
Direct Transfers	-	-	-
Investment Income	2,871,901	10,332,244	13,204,145
Litigation Settlement	-	-	-
COBRA Premiums	415,136	1,450,253	1,865,389
Administrative Fees	743,139	4,117,511	4,860,650
Total Revenue	\$ 172,870,068	\$ 836,682,605	\$ 1,009,552,673
Program Expenses Medical Claims Prescription Drug Claims Managed Care Capitations Administration Life Insurance Wellness ACA Reinsurance Contributions ACA Comparative Effectiveness Research Fees Computer Software Reserve Director's Discretionary Fund WV RHBT Pay Go Premiums Total Expenses	\$ 84,401,911 30,426,539 4,710,387 2,520,678 241,823 1,025,150 - 284,379 34,989,780 158,600,648	\$ 411,423,079 168,037,364 47,935,434 13,451,932 1,290,520 5,470,850 - - 1,435,067 155,010,220 \$ 804,054,465	\$ 495,824,990 198,463,903 52,645,821 15,972,610 1,532,343 6,496,000 - - 1,719,446 190,000,000 962,655,113
Fiscal Year Results	\$ 14,269,420	\$ 32,628,140	\$ 46,897,560
		- , - , - ,	
Beginning Plan Reserve	60,187,061	199,716,072	259,903,134
Ending Plan Reserve Reserve as a Percent of Expenses	\$ 74,456,481	\$ 232,344,212	\$ 306,800,693 27%

Additional State Employer Premiums	\$ 55,500,000	Claim a	and Other Expense Trends	
Additional Local Agency Revenue	\$ 14,500,000	<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
Additional State Employee Premiums	\$ 13,900,000	Active Local	9.0%	13.0%
Direct Transfers	\$ -	State	9.0%	13.0%
		Capitations		6.0%
		Administrative Expense		3.0%

APPENDIX - BASELINE SCENARIO PEIA - LOCAL FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2021

PERIOD 7/1/2020 - 6/30/2021

Local Fund	Baseline Projection	Board Decision	Ending Projection
Revenues Employer Premiums - PPB Employer Premiums - MCO Employee Premiums - PPB Employee Premiums - MCO WV RHBT Pay Go Premiums Life Insurance Direct Transfers Investment Income Litigation Settlement COBRA Premiums Administrative Fees	\$ 113,561,166 5,547,123 - 34,989,780 241,823 - 2,871,901 - 415,136 743,139	\$ 13,792,271 707,729 - -	\$ 127,353,437 6,254,852 - 34,989,780 241,823 - 2,871,901 - 415,136 743,139
Total Revenue	\$ 158,370,068	\$ 14,500,000	\$ 172,870,068
Program Expenses Medical Claims Prescription Drug Claims Managed Care Capitations Administration Life Insurance Wellness ACA Reinsurance Contributions ACA Comparative Effectiveness Research Fees Computer Software Reserve Director's Discretionary Fund WV RHBT Pay Go Premiums Total Expenses	\$ 84,401,911 30,426,539 4,710,387 2,520,678 241,823 1,025,150 - 284,379 34,989,780 158,600,647	\$ -	\$ 84,401,911 30,426,539 4,710,387 2,520,678 241,823 1,025,150 - - 284,379 34,989,780 158,600,647
Fiscal Year Results	\$ (230,579)		\$ 14,269,421
Beginning Plan Reserve Ending Plan Reserve Reserve as a Percent of Expenses	\$ 60,187,061 59,956,482		\$ 60,187,061 74,456,482 40%

Additional Local Agency Revenue	\$ 14,500,000	Claim	and Other Expense Trends	
		Eligibility	<u>Medical</u>	<u>Drugs</u>
		Local	9.0%	13.0%
		Capitations		6.0%
		Administrative Expense	e	3.0%

APPENDIX - BASELINE SCENARIO PEIA - STATE FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2021

PERIOD 7/1/2020 - 6/30/2021

State		Baseline		Board		Ending
Fund		Projection		Decision		Projection
n.						
Revenues	Φ.	120.026.176	Ф	50 217 450	Ф	400.252.026
Employer Premiums - PPB	\$	429,936,476	\$	50,317,450	\$	480,253,926
Employer Premiums - MCO		44,596,703		5,182,550		49,779,253
Employee Premiums - PPB		108,627,980		12,547,670		121,175,650
Employee Premiums - MCO		11,920,698		1,352,330		13,273,028
WV RHBT Pay Go Premiums		155,010,220				155,010,220
Life Insurance		1,290,520				1,290,520
Direct Transfers		- 				-
Investment Income		10,332,244				10,332,244
Litigation Settlement		-				-
COBRA Premiums		1,450,253				1,450,253
Administrative Fees		4,117,511				4,117,511
Total Revenue	\$	767,282,605	\$	69,400,000	\$	836,682,605
Program Expenses						
Medical Claims	\$	411,423,079			\$	411,423,079
Prescription Drug Claims		168,037,364				168,037,364
Managed Care Capitations		47,935,434				47,935,434
Administration		13,451,932				13,451,932
Life Insurance		1,290,520				1,290,520
Wellness		5,470,850				5,470,850
ACA Reinsurance Contributions		· -				-
ACA Comparative Effectiveness Research Fees		_				-
Computer Software Reserve		_				-
Director's Discretionary Fund		1,435,067				1,435,067
WV RHBT Pay Go Premiums		155,010,220				155,010,220
Total Expenses	\$	804,054,466	\$	-	\$	804,054,466
	+					
Fiscal Year Results	\$	(36,771,861)			\$	32,628,139
Beginning Plan Reserve		199,716,072				199,716,072
Ending Plan Reserve Reserve as a Percent of Expenses	\$	162,944,211			\$	232,344,211 25%

Additional State Employer Premiums	\$ 55,500,000	Claim a	and Other Expense Trends	
Additional State Employee Premiums	\$ 13,900,000	<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
Direct Transfers	\$ -	State	9.0%	13.0%
		Capitations		6.0%
		Administrative Expense		3.0%

APPENDIX - BASELINE SCENARIO PEIA - ACTIVE LOCAL AND STATE

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2022

PERIOD 7/1/2021 - 6/30/2022

		Active				
		Local		State		PEIA
		Fund		Fund		Total
Revenues						
Employer Premiums - PPB	\$	140,067,304	\$	530,216,971	\$	670,284,275
Employer Premiums - MCO		6,885,992		54,940,203		61,826,195
Employee Premiums - PPB		-		133,651,910		133,651,910
Employee Premiums - MCO		_		14,627,767		14,627,767
WV RHBT Pay Go Premiums		37,644,774		162,355,226		200,000,000
Life Insurance		253,914		1,355,046		1,608,960
Direct Transfers		-		-		-
Investment Income		3,493,374		11,895,556		15,388,930
Litigation Settlement		-		-		-
COBRA Premiums		456,601		1,600,749		2,057,350
Administrative Fees		743,139		4,117,511		4,860,650
Total Revenue	\$	189,545,098	\$	914,760,939	\$	1,104,306,037
Program Expenses						
Medical Claims	\$	92,229,522	\$	449,579,319	\$	541,808,841
Prescription Drug Claims		34,465,878		190,345,512		224,811,390
Managed Care Capitations		4,993,010		50,811,560		55,804,570
Administration		2,596,298		13,855,490		16,451,788
Life Insurance		253,914		1,355,046		1,608,960
Wellness		1,055,905		5,634,975		6,690,880
ACA Reinsurance Contributions		-		-		-
ACA Comparative Effectiveness Research Fees		-		-		-
Computer Software Reserve		-		-		-
Director's Discretionary Fund		283,762		1,433,249		1,717,011
WV RHBT Pay Go Premiums		37,644,774		162,355,226		200,000,000
Total Expenses	\$	173,523,063	\$	875,370,377	\$	1,048,893,440
				<u> </u>		
First Very Despite	¢	16 022 025	¢.	20 200 562	ф	EE 410 E07
Fiscal Year Results	\$	16,022,035	\$	39,390,562	\$	55,412,597
Beginning Plan Reserve		74,456,481		232,344,212		306,800,693
Ending Plan Reserve	\$	90,478,516	\$	271,734,774	\$	362,213,290
Reserve as a Percent of Expenses						29%

Additional State Employer Premiums	\$ 61,000,000	Claim	and Other Expense Trends	
Additional Local Agency Revenue	\$ 16,000,000	<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
Additional State Employee Premiums	\$ 15,300,000	Active Local	9.5%	13.5%
Direct Transfers	\$ -	State	9.5%	13.5%
		Capitations		6.0%
		Administrative Expense		3.0%

APPENDIX - BASELINE SCENARIO PEIA - LOCAL FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2022

PERIOD 7/1/2021 - 6/30/2022

Local		Baseline		Board		Ending
Fund		Projection		Decision		Projection
Revenues						
Employer Premiums - PPB	\$	124,848,246	\$	15,219,058	\$	140,067,304
	Ф		Ф	780,942	Ф	
Employer Premiums - MCO		6,105,050		/80,942		6,885,992
Employee Premiums - PPB		-		-		-
Employee Premiums - MCO		-		-		-
WV RHBT Pay Go Premiums		37,644,774				37,644,774
Life Insurance		253,914				253,914
Direct Transfers		-				-
Investment Income		3,493,374				3,493,374
Litigation Settlement		-				-
COBRA Premiums		456,601				456,601
Administrative Fees		743,139				743,139
Total Revenue	\$	173,545,098	\$	16,000,000	\$	189,545,098
		, ,	,	-,,		,,
Program Expenses						
Medical Claims	\$	92,229,522			\$	92,229,522
Prescription Drug Claims		34,465,878				34,465,878
Managed Care Capitations		4,993,010				4,993,010
Administration		2,596,298				2,596,298
Life Insurance		253,914				253,914
Wellness		1,055,905				1,055,905
ACA Reinsurance Contributions		-				-
ACA Comparative Effectiveness Research Fees		_				_
Computer Software Reserve		_				_
Director's Discretionary Fund		283,762				283,762
WV RHBT Pay Go Premiums		37,644,774				37,644,774
w v Kribi i ay Go i telilidilis		37,044,774				37,044,774
Total Expenses	\$	173,523,063	\$	-	\$	173,523,063
	+					
Fiscal Year Results	\$	22,035			\$	16,022,035
Beginning Plan Reserve		74,456,481				71 156 101
Degining Flan Reserve		/4,430,481				74,456,481
Ending Plan Reserve	\$	74,478,516			\$	90,478,516
Reserve as a Percent of Expenses						43%

Additional Local Agency Revenue	\$ 16,000,000	Claim	and Other Expense Trends	
		Eligibility	<u>Medical</u>	<u>Drugs</u>
		Local	9.5%	13.5%
		Capitations		6.0%
		Administrative Expense	e	3.0%

APPENDIX - BASELINE SCENARIO PEIA - STATE FUND

WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2022

PERIOD 7/1/2021 - 6/30/2022

State Fund	Baseline Projection	Board Decision	Ending Projection
Employer Premiums - PPB Employer Premiums - MCO Employee Premiums - PPB Employee Premiums - MCO WV RHBT Pay Go Premiums Life Insurance Direct Transfers Investment Income Litigation Settlement COBRA Premiums Administrative Fees	\$ 474,913,107 49,244,067 119,840,446 13,139,231 162,355,226 1,355,046 - 11,895,556 - 1,600,749 4,117,511 838,460,939	\$ 55,303,864 5,696,136 13,811,464 1,488,536 \$ 76,300,000	\$ 530,216,971 54,940,203 133,651,910 14,627,767 162,355,226 1,355,046 - 11,895,556 - 1,600,749 4,117,511 914,760,939
Program Expenses Medical Claims Prescription Drug Claims Managed Care Capitations Administration Life Insurance Wellness ACA Reinsurance Contributions ACA Comparative Effectiveness Research Fees Computer Software Reserve Director's Discretionary Fund WV RHBT Pay Go Premiums Total Expenses	\$ 449,579,319 190,345,512 50,811,560 13,855,490 1,355,046 5,634,975 - - 1,433,249 162,355,226 875,370,377	\$ -	\$ 449,579,319 190,345,512 50,811,560 13,855,490 1,355,046 5,634,975 - - 1,433,249 162,355,226 875,370,377
Fiscal Year Results Beginning Plan Reserve Ending Plan Reserve Reserve as a Percent of Expenses	\$ (36,909,438) 232,344,212 195,434,774		\$ 39,390,562 232,344,212 271,734,774 26%

Additional State Employer Premiums	\$ 61,000,000	Claim a	nd Other Expense Trends	
Additional State Employee Premiums	\$ 15,300,000	<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
Direct Transfers	\$ -	State	9.5%	13.5%
		Capitations		6.0%
		Administrative Expense		3.0%

Attachment - PEIA Historical Monthly Medical and Drug Trends FY 2017 to FY 2018

					Fiscal	Year 2017						
Exposure												
	<u>Jul-16</u>	Aug-16	Sep-16	Oct-16	<u>Nov-16</u>	Dec-16	<u>Jan-17</u>	Feb-17	Mar-17	<u> Apr-17</u>	<u>May-17</u>	<u>Jun-17</u>
Local Medical	25,684	25,659	25,660	25,722	25,661	25,642	25,521	25,719	25,768	25,727	25,636	25,574
State Medical	127,982	126,855	126,815	127,206	126,991	126,883	126,364	126,394	126,242	126,016	125,897	125,335
Local Drugs	25,684	25,659	25,660	25,722	25,661	25,642	25,521	25,719	25,768	25,727	25,636	25,574
State Drugs	127,982	126,855	126,815	127,206	126,991	126,883	126,364	126,394	126,242	126,016	125,897	125,335
	<u>Jul-16</u>	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	<u> Mar-17</u>	Apr-17	May-17	Jun-17
Local Medical	\$166.79	\$186.96	\$188.06	\$200.52	\$212.53	\$222.68	\$247.76	\$230.88	\$240.29	\$231.24	\$240.20	\$243.52
State Medical	172.75	223.87	191.64	202.96	201.48	194.46	218.63	205.23	245.07	237.97	246.55	244.87
Local Drugs	58.50	79.13	75.74	87.23	85.83	91.27	92.85	89.82	106.84	99.36	108.52	108.72
State Drugs	63.87	83.09	80.98	90.44	91.70	94.80	99.21	96.91	110.06	100.29	108.82	113.83
Total	\$461.91	\$573.05	\$536.43	\$581.16	\$591.55	\$603.21	\$658.45	\$622.84	\$702.25	\$668.86	\$704.09	\$710.94
Change From Pr			•									
Local Medical	2.7%	8.1%	-1.8%	9.6%	11.6%	11.5%	26.7%	-1.3%	-11.2%	-16.4%	-5.0%	-10.9%
State Medical	-7.0%	15.7%	-10.2%	-12.1%	-4.9%	-9.3%	2.5%	-5.3%	-1.4%	-1.6%	-2.2%	-10.1%
Local Drugs	3.7%	20.1%	9.0%	17.7%	18.5%	15.3%	21.2%	12.8%	25.0%	21.6%	26.8%	24.4%
State Drugs	<u>2.5%</u>	<u>16.9%</u>	9.3%	<u>15.5%</u>	<u>16.7%</u>	<u>11.6%</u>	<u>20.7%</u>	<u>16.5%</u>	<u>19.6%</u>	<u>16.1%</u>	<u>19.9%</u>	<u>15.5%</u>
Total	-1.1%	13.9%	-2.2%	2.6%	6.9%	4.3%	16.0%	1.5%	0.8%	-2.6%	3.3%	-2.8%
Change From Pr	ior Year - Qı	ıarter to Qua	•	is								
Local Medical			2.9%			10.9%			2.7%			-10.9%
State Medical			-0.7%			-8.8%			-1.4%			-4.9%
Local Drugs			11.2%			17.1%			19.8%			24.3%
State Drugs			9.8%			<u>14.5%</u>			<u>18.9%</u>			<u>17.1%</u>
Total			3.5%			4.6%			5.6%			-0.8%
Change From Pr	ior Year - Ye	ear to Year A	•									
Local Medical			5.1%			11.2%			9.4%			0.3%
State Medical			2.8%			0.0%			-1.2%			-4.1%
Local Drugs			3.2%			7.3%			11.6%			18.6%
State Drugs			5.3%			<u>7.9%</u>			11.8%			<u>15.4%</u>
Total			4.0%			6.0%			6.0%			3.1%

Attachment - PEIA Historical Monthly Medical and Drug Trends FY 2017 to FY 2018

				Fiscal Year	r 2018			
Exposure						 	 	
	<u>Jul-17</u>	Aug-17						
Local Medical	25,740	25,586						
State Medical	124,443	123,110						
Local Drugs	25,740	25,586						
State Drugs	124,443	123,110						
	<u>Jul-17</u>	<u>Aug-17</u>						
Local Medical	\$136.40	\$188.96						
State Medical	138.63	191.42						
Local Drugs	115.76	98.47						
State Drugs	<u>119.11</u>	<u>102.04</u>						
Total	\$509.90	\$580.90						
~		onth to Month Ai	alysis					
Local Medical	-18.2%	1.1%						
State Medical	-19.8%	-14.5%						
Local Drugs	97.9%	24.5%						
State Drugs	86.5%	22.8%						
Total	10.4%	1.4%						
	ior Year - Qi	uarter to Quarter	Analysis					
Local Medical								
State Medical								
Local Drugs								
State Drugs Total								
	ion Voon Vo	on to Voon Amal-	a . a					
Cnange From Pr Local Medical	ior Year - Ye	ear to Year Analy	818					
Local Medical State Medical								
Local Drugs								
State Drugs								
Total								