

# STATE OF WEST VIRGINIA



# PUBLIC EMPLOYEES INSURANCE AGENCY

Fiscal Year 2010 Financial Report

**Fiscal Years 2010-2015** 

November 2010



415 Main Street Reisterstown, MD 21136

Email: info@ccrcactuaries.com

Phone: 410-833-4220 Fax: 410-833-4229

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 CCRC Actuaries, LLC ("CCRC Actuaries").

CCRC 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 CCRC Actuaries to review the financial plan prepared and proposed by the Board in December 2009 for the fiscal year ending June 30, 2010 ("FY 2010") and to provide quarterly financial reports thereafter. Our analysis is developed on an accrued and incurred reporting basis for a projection period of five years.

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 2010 and in subsequent fiscal years. In FY 2010, general compliance was achieved through a transfer of employer funds to the West Virginia Retiree Health Benefit Trust Fund. ("Trust Fund" or "RHBT") In subsequent fiscal years, future transfers of employer 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 for the fiscal year are met. We have been asked to review the proposed financial plan, and as supported by our work, to render an 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 2015.

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 2011 and subsequently. We are assuming that the Bill will continue throughout the forecast and PEIA will not receive any future direct transfers in lieu of the savings resulting from the Legislation.

CCRC Actuaries has provided preliminary forecasts for the fiscal years ending June 30, 2010 ("FY 2010"), June 30, 2011 ("FY 2011"), June 30, 2012 ("FY 2012"), June 30, 2013 ("FY 2013"), June 30, 2014 ("FY 2014") and June 30, 2015 ("FY 2015"). Our opinion of plan adequacy is based on the projections through FY 2015 using updated future revenue and plan modifications provided by the Board in the financial plan adopted in December 2009. This forecast is prepared for the Public Employee Insurance Agency, and does not include actuarial projections for the Trust Fund.

In reviewing the plan, CCRC 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. Based on the PPACA/Health Care Reform requirements to expand coverage, the estimated cost of eliminating lifetime limitations and covering children coverage to age 26 is a total of \$9 million dollars in FY 2012.

This report includes updated claim trend assumptions as recommended in the report titled, "Detailed Medical and Prescription Drug Claim Trend Report - August 2010". In the circumstances and subject to the conditions described herein, we believe the financial plan approved by the Board for FY 2010 through FY 2015 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 80% employer cost share and 20% employee cost share requirement for state revenue in FY 2011 based on the scheduled revenue increases of the financial plan approved and amended by the Board in December 2009.

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 2015 as approved by the Board.

We would like to note that this report is based on substantial revenue increases in FY 2012. As a result of these assumptions, this forecast includes the trigger of excess reserve funds from PEIA to RHBT in FY 2014 and FY 2015. The Finance Board is currently constructing a new Financial Plan, which includes substantially no FY 2012 revenue increases. Under the assumptions of no revenue increases in FY 2012, we anticipate that the reserve transfer will not be necessary.

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., M.A.A.A.

Dave Bond

**Managing Partner** 

Chris Borcik, A.S.A., M.A.A.A.

Christin J. Bonis

Senior Actuarial Consultant

# West Virginia Public Employees Insurance Agency Report of Independent Actuary Financial Plan for FY 2010 – FY 2015

### **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 CCRC Actuaries.

This report was compiled utilizing claims data collected by PEIA's third party administrators through October 2010 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 interest income and significant general and special revenue allocations provided by the Governor, some 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 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 October 2010 enrollment levels for the duration of these forecasts for active employees.

In aggregate, October 2010 enrollment for active employees has decreased by 493 coverages since the end of FY 2010. Aggregate PPB enrollment has increased by 2,081 in total over the same period, while managed care enrollment experienced a decrease of 2,574 coverages.

In the State Fund, there continues to be a transfer of coverage from managed care to PPB coverage with overall active State enrollment decreased by 514 coverages from the end of FY 2010 to October 2010. In the Local Fund, the same phenomena have occurred with overall active Local enrollment increased by 21 coverages from the end of FY 2010 to October 2010.

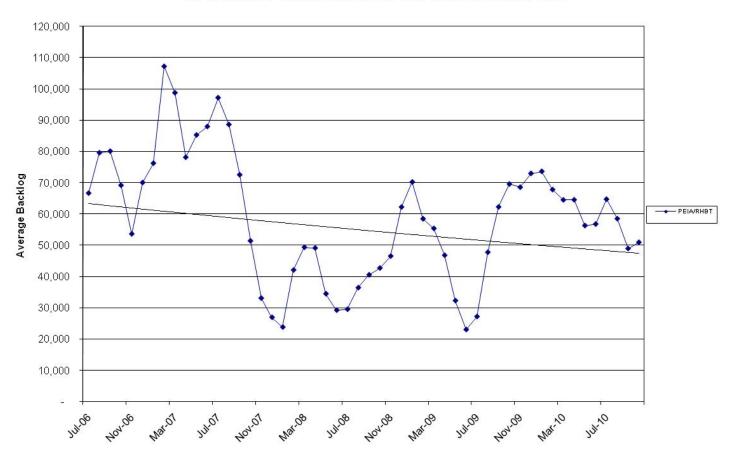
The following chart summarizes the current enrollment as of the selected monthly billing dates of June 2009, June 2010 and October 2010 for purposes of comparison:

PEIA		Preferre	d Provider	Benefit	Managed Care				
Fund	Coverage	Jun-09	Jun-10	Oct-10	Jun-09	Jun-10	Oct-10		
State Active	Single	19,897	21,391	22,619	3,255	3,259	1,810		
	Children	5,538	5,524	5,594	695	653	480		
	<u>Family</u>	30,292	29,705	30,181	3,835	3,598	2,932		
	Total	55,727	56,620	58,394	7,785	7,510	5,222		
Local Active	Single	4,442	4,859	4,984	361	424	245		
	Children	745	771	857	165	140	78		
	<u>Family</u>	5,185	5,033	5,129	130	145	100		
	Total	10,372	10,663	10,970	656	709	423		
Plan Total		66,099	67,283	69,364	8,441	8,219	5,645		
Grand Total					74,540	75,502	75,009		

# **B.** Changes in Claim Backlog

It should be noted that beginning in July 2007, all Medicare retirees have been transferred to the MAPD Plan. While the chart below, which has not been adjusted to reflect the smaller risk pool, indicates a lower backlog, the duration of claim payment has actually been stable for the self-insured block of non-Medicare coverages, though the backlog showed an increase since June 2009.





## C. Trend Analysis

PEIA has experienced favorable medical and prescription drug trends most recently. CCRC Actuaries performed the detailed medical and prescription drugs trend analysis in the report titled, "Detailed Medical and Prescription Drug Claim Trend Report - August 2010". This report includes the detailed trend analysis of PEIA experience by medical and prescription drugs. Based on the analysis, we have decreased the FY 2011 and FY 2012 Non-Medicare medical claim trend to 5.5%. Additionally, due to PEIA's favorable prescription drug experience, we have reduced our trend assumption for all prescription drugs coverage to 9.0% in FY 2011 and FY 2012.

The current projection assumes the trends in the following table:

	Previous Assumption	Updated Assumption
Claim Type	FY 2011 Trend	FY 2011 Trend
Active Local – Medical	6.5%	5.5%
State – Medical	6.5%	5.5%
Active Local – Drugs	11.5%	9.0%
State – Drugs	11.5%	9.0%

In addition, we have assumed that trends will increase by 0.5% in each successive fiscal year beginning in FY 2013. 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 October 2010. 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	<b>Active Local</b>	State	<b>Active Local</b>	State	
<b>Year</b>	<b>Medical</b>	<b>Medical</b>	<b>Drugs</b>	<b>Drugs</b>	<b>Total</b>
2003	2%	4%	19%	14%	7%
2004	-3%	10%	9%	7%	8%
2005	16%	7%	7%	20%	11%
2006	1%	2%	18%	7%	4%
2007	15%	2%	12%	8%	5%
2008	5%	10%	-13%	-9%	4%
2009	-4%	8%	10%	9%	7%
2010	10%	1%	8%	9%	4%
2011*	10%	2%	13%	12%	6%

<sup>\*</sup> Fiscal Year 2011 results are through the first four months ending October 2010.

# D. Enrollment, Claim, Expense and Revenue Assumptions

Using PEIA paid claim data through October 2010 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. CCRC 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 2010 and the projection of FY 2011 claims and expenses are summarized in the following chart. It should be noted that the chart reflects per policy information.

Fiscal Yea	Fiscal Year 2010 Result			enue	Expenses				
			Monthly	Monthly	Monthly	Monthly	Monthly		
			Employer	<b>Employe</b>	e Medical	Drugs	Capitation		
Fund	Program	<b>Policies</b>	Premiums	Premium	s Costs	Costs	Costs		
State	PPB <u>Managed Care</u> Total	56,196 7,454 63,650	\$ 475 \$ 461	\$ 121 \$ 129	\$ 400	\$ 136	\$ 573		
Local	PPB  Managed Care  Total	10,612 668 11,280	\$ 631 \$ 542	\$ - \$ -	\$ 402	\$ 119	\$ 504		

Fiscal Yea	Fiscal Year 2011 Projection			Revenue			Expenses				
			Mor	Monthly Month		Monthly	N	Ionthly	N	Ionthly	Monthly
			Empl	loyer	E	mployee	N	Medical		Drugs	Capitation
Fund	Program	Policies	Premi	iums	P	remiums		Costs		Costs	Costs
State	PPB <u>Managed Care</u> Total	58,337 5,200 63,537		172 186	\$ \$	119 124	\$	405	\$	139	\$ 539
Local	PPB <u>Managed Care</u> Total	10,973 421 11,394			\$ \$	-	\$	408	\$	122	\$ 525

Projected plan revenues, administrative expenses, life insurance premiums, and the amount to be spent on wellness programs were provided by PEIA. Interest income is currently allocated to each fund based on average reserve levels for each fund. The following chart summarizes the additional revenues from employers, employees and direct transfers assumed in the report.

# **Board Decisions - December 2009**

	Fiscal Year					
Source	2010	2011	2012	2013	2014	2015
Additional State						
<b>Employer Revenue</b>	\$27,000,000	\$18,000,000	\$55,000,000	\$56,000,000	\$57,000,000	\$64,000,000
Additional Local						
Agency Revenue	\$10,000,000	\$0	\$0	\$8,000,000	\$9,000,000	\$13,000,000
Additional						
<b>Employee Premiums</b>	\$8,800,000	\$4,500,000	\$13,800,000	\$14,000,000	\$14,300,000	\$16,000,000
Direct Transfer	\$0	\$3,500,000	\$0	\$0	\$0	\$0
Provider/Benefit						
Reductions	\$0	\$13,100,000	\$0	\$0	\$0	\$0
PPACA Cost						
Adjustment	\$0	\$0	\$9,000,000	\$0	\$0	\$0
Pay Go Premium						
Transfer	\$125,752,020	\$145,176,757	\$149,919,644	\$166,768,766	\$186,768,318	\$210,663,393

The \$13,100,000 reduction in benefits in Fiscal Year 2011 are comprised of the following changes:

	Change in 2011 Claim Cost
Increase Family out of pocket to 1.5x Single	\$7.1 M
Increase Lifetime Maximum to \$1.5M	-\$1.1 M
Move Plan B to IRS High Deductible Plan	\$1.4 M
Implement ESI High Performance Formulary	\$5.7 M

The \$9,000,000 PPACA/Health Care Reform requirements in Fiscal Year 2012 are comprised of the following changes:

	Change in 2012 Claim Cost
Eliminating Lifetime Limitations	\$2.0 M
Covering Children coverage to Age 26	\$7.0 M

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.

It should be noted that the Pay Go premium in FY 2010 was reduced due to the investment losses for PEIA. As a result, Local Agencies benefited from the lower assessments, resulting in lower premium requirements. In future years, the Pay Go premium will continue to increase each year based on a formula from the difference between retiree premiums and retiree program costs including claims, capitations and administrative costs of the program, based on the financial plan approved by the Board in December 2009.

# 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 2010 RESULT

The financial result for FY 2010 under the Baseline scenario is presented in the Appendix. The Baseline result for FY 2010 shows accrued revenue of \$562,199,560 and incurred plan expenses of \$513,415,655 to produce a fiscal year surplus of \$48,783,905.

Under the Baseline Scenario, FY 2010 is resulted to end with a reserve of \$173,604,183 and the FY 2011 expenditures of \$520,243,232, which represents 33% of projected expenditures. This reserve meets the 10% of program expense requirement under the Baseline Scenario assumptions.

## **FISCAL YEAR 2011 FORECAST**

The financial forecast for FY 2011 under the Baseline scenario is presented in the Appendix. The Baseline forecast for FY 2011 projects accrued revenue of \$558,599,671 and incurred plan expenses of \$520,243,232 to produce a fiscal year surplus of \$38,356,439.

Under the Baseline Scenario, FY 2011 is projected to end with a reserve of \$211,960,622 and the FY 2012 expenditures of \$561,805,804, which represents 38% of projected expenditures. This projected reserve meets the 10% of program expense requirement under the Baseline Scenario assumptions. Under the Optimistic Scenario, the ending reserve is expected to increase to \$216,608,864 and under the Pessimistic Scenario, the ending reserve is expected to decrease to \$207,338,740.

# **FISCAL YEAR 2012 FORECAST**

The financial forecast for FY 2012 under the Baseline scenario is presented in the Appendix. The Baseline forecast for FY 2012 projects accrued revenue of \$622,296,283 and incurred plan expenses of \$561,805,804 to produce a fiscal year surplus of \$60,490,479.

Under the Baseline Scenario, FY 2012 is projected to end with a reserve of \$272,451,101 and the FY 2013 expenditures of \$598,256,864, which represents 46% of projected expenditures. This projected reserve meets the 10% of program expense requirement under the Baseline Scenario assumptions. Under the Optimistic Scenario, the ending reserve is expected to increase to \$291,536,399 and under the Pessimistic Scenario, the ending reserve is expected to decrease to \$253,233,796.

# **FISCAL YEAR 2013 FORECAST**

The financial forecast for FY 2013 under the Baseline scenario is presented in the Appendix. The Baseline forecast for FY 2013 projects accrued revenue of \$688,059,825 and incurred plan expenses of \$598,256,864 to produce a fiscal year surplus of \$89,802,961.

Under the Baseline Scenario, FY 2013 is projected to end with a reserve of \$362,254,062 and the FY 2014 expenditures of \$639,830,985, which represents 57% of projected expenditures. This projected reserve meets the 10% of program expense requirement under the Baseline Scenario assumptions. Under the Optimistic Scenario, the ending reserve is expected to increase to \$383,243,782 and under the Pessimistic Scenario, the ending reserve is expected to decrease to \$316,475,365.

# **FISCAL YEAR 2014 FORECAST**

The financial forecast for FY 2014 under the Baseline scenario is presented in the Appendix. The Baseline forecast for FY 2014 projects accrued revenue of \$754,925,235 and incurred plan expenses of \$639,830,985 to produce a fiscal year surplus of \$115,094,250.

Under the Baseline Scenario, FY 2014 is projected to end with a reserve of \$409,999,891 and the FY 2015 expenditures of \$687,242,731, which represents 60% of projected expenditures. This projected reserve meets the 10% of program expense requirement under the Baseline Scenario assumptions. Under the Optimistic Scenario, the ending reserve is expected to increase to \$437,218,228 and under the Pessimistic Scenario, the ending reserve is expected to decrease to \$379,896,150.

# **FISCAL YEAR 2015 FORECAST**

The financial forecast for FY 2015 under the Baseline scenario is presented in the Appendix. The Baseline forecast for FY 2015 projects accrued revenue of \$827,949,461 and incurred plan expenses of \$687,242,731 to produce a fiscal year surplus of \$140,706,730.

Under the Baseline Scenario, FY 2015 is projected to end with a reserve of \$460,359,160 and the FY 2016 expenditures of \$741,380,047, which represents 67% of projected expenditures. This projected reserve meets the 10% of program expense requirement under the Baseline Scenario assumptions. Under the Optimistic Scenario, the ending reserve is expected to increase to \$497,425,967 and under the Pessimistic Scenario, the ending reserve is expected to decrease to \$420,674,190.

# **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 10% reserve target through the projection period ending with the Fiscal Year 2015 using the Baseline assumptions. These projections are based on significant revenue increases projected by PEIA 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 REPORT FISCAL YEAR 2010

#### PERIOD 7/1/2009 - 6/30/2010

	Active		
	Local	State	PEIA
	Fund	Fund	Total
Revenues Employer Premiums - PPB Employer Premiums - MCO Employee Premiums - PPB Employee Premiums - MCO Direct Transfers Investment Income COBRA Premiums Administrative Fees  Total Revenue	\$ 80,316,336 4,341,667 - - 2,352,954 385,430 672,257 88,068,644	\$ 320,311,697 41,252,990 81,564,393 11,564,279 - 13,770,791 1,600,373 4,066,393 \$ 474,130,916	\$ 400,628,033 45,594,657 81,564,393 11,564,279 - 16,123,745 1,985,803 4,738,650 562,199,560
Program Expenses  Medical Claims Prescription Drug Claims Managed Care Capitations Administration Life Insurance Wellness Director's Discretionary Fund  Total Expenses	\$ 51,200,270 15,134,100 4,043,955 3,248,983 718,794 315,086 -	\$ 269,641,387 91,946,612 51,234,137 19,159,599 4,914,638 1,858,094	\$ 320,841,657 107,080,712 55,278,092 22,408,582 5,633,432 2,173,180
Initial UAAL OPEB Funding PEIA Mandatory Transfer to WV RHBT 2009	\$ 	\$ -	\$ 
Fiscal Year Results  Beginning Plan Reserve  Ending Plan Reserve	\$ 13,407,456 17,803,554 31,211,010	\$ 35,376,449 107,016,724 \$ 142,393,173	\$ 48,783,905 124,820,278 173,604,183

## KEY ASSUMPTIONS

Additional State Employer Premiums	\$ 27,000,000	Claim a	and Other Expense Trends	
Additional Local Agency Revenue	\$ 10,000,000	Eligibility Property of the Eligibility	<u>Medical</u>	Drugs
Additional State Employee Premiums	\$ 8,800,000	Active Local	6.0%	11.0%
Direct Transfers	\$ -	State	6.0%	11.0%
		Capitations		8.0%
		Administrative Expense		5.0%

# APPENDIX - BASELINE SCENARIO PEIA - ACTIVE LOCAL AND STATE

# WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2011

#### PERIOD 7/1/2010 - 6/30/2011

Active				
Local		State		PEIA
Fund		Fund		Total
\$ 78,849,024	\$	330,596,736	\$	409,445,760
2,312,419		30,336,439		32,648,858
-		83,520,013		83,520,013
-		7,766,646		7,766,646
-		3,500,000		3,500,000
2,606,813		12,409,109		15,015,922
381,164		1,582,658		1,963,822
672,257		4,066,393		4,738,650
\$ 84,821,677	\$	473,777,994	\$	558,599,671
\$ 53.782.777	\$	283.398.097	\$	337,180,874
16,030,550	·	97,437,570	Ċ	113,468,120
2,653,962		33,623,874		36,277,836
3,411,432		20,117,579		23,529,011
754,734		5,160,370		5,915,104
315,086		1,858,094		2,173,180
263,221		1,435,886		1,699,107
\$ 77,211,762	\$	443,031,470	\$	520,243,232
\$ -	\$	_	\$	_
-		-		-
\$ 7,609,915	\$	30,746,524	\$	38,356,439
31,211,010		142,393,173		173,604,183
\$ 38,820,925	\$	173,139,697	\$	211,960,622
\$ \$ \$	\$ 78,849,024 2,312,419 - 2,606,813 381,164 672,257 \$ 84,821,677  \$ 53,782,777 16,030,550 2,653,962 3,411,432 754,734 315,086 263,221 \$ 77,211,762  \$ \$ 7,609,915 31,211,010	\$ 78,849,024 \$ 2,312,419 \$ 2,606,813 \$ 381,164 672,257 \$ 84,821,677 \$ \$ 16,030,550 2,653,962 3,411,432 754,734 315,086 263,221 \$ 77,211,762 \$ \$ \$ 7,609,915 \$ 31,211,010	Local Fund       State Fund         \$ 78,849,024       \$ 330,596,736 30,336,439         2,312,419       30,336,439         -       83,520,013 7,766,646 3,500,000         2,606,813       12,409,109         381,164       1,582,658 4,066,393         \$ 84,821,677       \$ 473,777,994         \$ 53,782,777       \$ 283,398,097 97,437,570 33,623,874 3,411,432 20,117,579 754,734 5,160,370 1,858,094 263,221 1,435,886         \$ 77,211,762       \$ 443,031,470         \$ 77,211,762       \$ 443,031,470         \$ 7,609,915       \$ 30,746,524 31,211,010 142,393,173	Local Fund       State Fund         \$ 78,849,024       \$ 330,596,736       \$ 30,336,439         -       83,520,013       -         -       7,766,646       -         -       3,500,000       12,409,109         381,164       1,582,658         672,257       4,066,393         \$ 84,821,677       \$ 473,777,994         \$ 283,398,097       \$ 97,437,570         2,653,962       33,623,874         3,411,432       20,117,579         754,734       5,160,370         315,086       1,858,094         263,221       1,435,886         \$ 77,211,762       \$ 443,031,470         \$       -         \$ 7,609,915       \$ 30,746,524         \$ 31,211,010       142,393,173

#### **KEY ASSUMPTIONS**

Additional State Employer Premiums	\$ 18,000,000	Claim a	and Other Expense Trends	
Additional Local Agency Revenue	\$ -	<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
Additional State Employee Premiums	\$ 4,500,000	Active Local	5.5%	9.0%
Direct Transfers	\$ 3,500,000	State	5.5%	9.0%
		Capitations		8.0%
		Administrative Expense		5.0%

# APPENDIX - BASELINE SCENARIO PEIA - ACTIVE LOCAL AND STATE

# WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2012

#### PERIOD 7/1/2011 - 6/30/2012

		Active				
		Local		State		PEIA
		Fund		Fund		Total
Revenues						
Employer Premiums - PPB	\$	78,152,297	\$	378,015,008	\$	456,167,305
Employer Premiums - MCO		2,291,985	·	34,687,666		36,979,651
Employee Premiums - PPB		-		95,418,346		95,418,346
Employee Premiums - MCO		-		8,873,089		8,873,089
Direct Transfers		-		-		-
Investment Income		3,164,709		14,754,863		17,919,572
COBRA Premiums		426,940		1,772,730		2,199,670
Administrative Fees		672,257		4,066,393		4,738,650
Total Revenue	\$	84,708,188	\$	537,588,095	\$	622,296,283
Program Expenses						
Medical Claims	\$	57,836,965	\$	304,687,974	\$	362,524,939
Prescription Drug Claims	·	17,810,810	· ·	108,233,313	ľ	126,044,123
Managed Care Capitations		2,813,200		35,641,307		38,454,507
Administration		3,582,004		21,123,458		24,705,462
Life Insurance		792,470		5,418,388		6,210,858
Wellness		315,086		1,858,094		2,173,180
Director's Discretionary Fund		262,095		1,430,640		1,692,735
Total Expenses	\$	83,412,630	\$	478,393,174	\$	561,805,804
Initial UAAL OPEB Funding	\$	_	\$	_	\$	_
PEIA Mandatory Transfer to WV RHBT 2011	Ψ	-	Ψ	-	Ψ	-
Fiscal Year Results	\$	1,295,558	\$	59,194,921	\$	60,490,479
Beginning Plan Reserve		38,820,925		173,139,697		211,960,622
Ending Plan Reserve	\$	40,116,483	\$	232,334,618	\$	272,451,101

#### KEY ASSUMPTIONS

Additional State Employer Premiums	\$ 55,000,000	Claim a	and Other Expense Trends	
Additional Local Agency Revenue	\$ -	<u>Eligibility</u>	<u>Medical</u>	Drugs
Additional State Employee Premiums	\$ 13,800,000	Active Local	5.5%	9.0%
Direct Transfers	\$ -	State	5.5%	9.0%
		Capitations		6.0%
		Administrative Expense		5.0%

# APPENDIX - BASELINE SCENARIO PEIA - ACTIVE LOCAL AND STATE

# WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2013

#### PERIOD 7/1/2012 - 6/30/2013

	Active Local Fund	State Fund	PEIA Total
Revenues Employer Premiums - PPB Employer Premiums - MCO Employee Premiums - PPB Employee Premiums - MCO Direct Transfers Investment Income COBRA Premiums Administrative Fees  Total Revenue	\$ 83,449,238 2,447,330 - - 3,318,941 470,640 672,257 90,358,406	\$ 418,829,386 38,432,903 105,609,623 9,820,790 - 18,988,146 1,954,178 4,066,393 597,701,419	\$ 502,278,624 40,880,233 105,609,623 9,820,790 - 22,307,087 2,424,818 4,738,650 688,059,825
Program Expenses  Medical Claims Prescription Drug Claims Managed Care Capitations Administration Life Insurance Wellness Director's Discretionary Fund  Total Expenses	\$ 61,175,809 19,462,622 2,981,992 3,761,104 832,094 315,086 258,860 88,787,567	\$ 322,277,164 118,271,097 37,779,785 22,179,631 5,689,308 1,858,094 1,414,218 509,469,297	\$ 383,452,973 137,733,719 40,761,777 25,940,735 6,521,402 2,173,180 1,673,078 598,256,864
Initial UAAL OPEB Funding PEIA Mandatory Transfer to WV RHBT 2012	\$ -	\$ -	\$ -
Fiscal Year Results  Beginning Plan Reserve  Ending Plan Reserve	\$ 1,570,839 40,116,483 41,687,322	\$ 88,232,122 232,334,618 320,566,740	\$ 89,802,961 272,451,101 362,254,062

# KEY ASSUMPTIONS

Additional State Employer Premiums	\$ 56,000,000	Claim a	and Other Expense Trends	
Additional Local Agency Revenue	\$ 8,000,000	<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
Additional State Employee Premiums	\$ 14,000,000	Active Local	6.0%	9.5%
Direct Transfers	\$ -	State	6.0%	9.5%
		Capitations		6.0%
		Administrative Expense		5.0%

# APPENDIX - BASELINE SCENARIO PEIA - ACTIVE LOCAL AND STATE

# WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2014

#### PERIOD 7/1/2013 - 6/30/2014

	Active Local Fund	State Fund	PEIA Total
Revenues Employer Premiums - PPB Employer Premiums - MCO Employee Premiums - PPB Employee Premiums - MCO Direct Transfers Investment Income COBRA Premiums Administrative Fees  Total Revenue	\$ 89,254,890 2,617,593 - - 3,498,706 513,731 672,257 96,557,177	\$ 458,610,675 42,083,340 115,575,672 10,747,548 - 25,151,328 2,133,102 4,066,393 658,368,058	\$ 547,865,565 44,700,933 115,575,672 10,747,548 - 28,650,034 2,646,833 4,738,650 754,925,235
Program Expenses  Medical Claims Prescription Drug Claims Managed Care Capitations Administration Life Insurance Wellness Director's Discretionary Fund  Total Expenses	\$ 65,013,398 21,364,977 3,160,911 3,949,159 873,699 315,086 256,883 94,934,112	\$ 342,493,771 129,831,388 40,046,572 23,288,613 5,973,773 1,858,094 1,404,661 544,896,872	\$ 407,507,169 151,196,364 43,207,483 27,237,772 6,847,472 2,173,180 1,661,544 639,830,985
Initial UAAL OPEB Funding PEIA Mandatory Transfer to WV RHBT 2013	\$ 7,071,822	\$ 60,276,600	\$ 67,348,421
Fiscal Year Results  Beginning Plan Reserve  Ending Plan Reserve	\$ 1,623,065 41,687,322 36,238,565	\$ 113,471,186 320,566,740 373,761,326	\$ 115,094,250 362,254,062 409,999,891

# KEY ASSUMPTIONS

Additional State Employer Premiums	\$ 57,000,000	Claim a	and Other Expense Trends	
Additional Local Agency Revenue	\$ 9,000,000	<u>Eligibility</u>	<u>Medical</u>	<u>Drugs</u>
Additional State Employee Premiums	\$ 14,300,000	Active Local	6.5%	10.0%
Direct Transfers	\$ -	State	6.5%	10.0%
		Capitations		6.0%
		Administrative Expense		5.0%

# APPENDIX - BASELINE SCENARIO PEIA - ACTIVE LOCAL AND STATE

# WEST VIRGINIA PUBLIC EMPLOYEES INSURANCE AGENCY FINANCIAL FORECAST FISCAL YEAR 2015

#### PERIOD 7/1/2014 - 6/30/2015

	Active		044.		DET A
					PEIA Total
\$		\$		\$	600,749,039
	2,885,041				48,984,286
	-		· · · · · · · · · · · · · · · · · · ·		126,498,081
	-		11,763,238		11,763,238
	-		-		-
			· · · · · · · · · · · · · · · · · · ·		32,314,900
					2,901,267
	6/2,257		4,066,393		4,738,650
\$	105,725,407	\$	722,224,054	\$	827,949,461
\$	69,416,915	\$	365,691,716	\$	435,108,631
	23,560,140		143,171,030		166,731,170
	3,350,566		42,449,366		45,799,932
	4,146,617		24,453,043		28,599,660
	917,384		6,272,462		7,189,846
					2,173,180
	253,409		1,386,903		1,640,312
\$	101,960,117	\$	585,282,614	\$	687,242,731
\$	_	\$		\$	_
	9,486,802		80,860,659	·	90,347,461
¢	2.765.200	¢	126 041 440	¢	140 706 720
Ф	3,703,290	Ф	150,941,440	Ф	140,706,730
	36,238,565		373,761,326		409,999,891
\$	30,517,053	\$	429,842,107	\$	460,359,160
	\$ \$	\$ 98,374,327 2,885,041 3,230,667 563,115 672,257 \$ 105,725,407  \$ 69,416,915 23,560,140 3,350,566 4,146,617 917,384 315,086 253,409 \$ 101,960,117  \$ - 9,486,802  \$ 3,765,290 36,238,565	\$ 98,374,327 \$ 2,885,041 \$ - 3,230,667 \$ 563,115 \$ 672,257 \$ 105,725,407 \$ \$ 69,416,915 \$ 23,560,140 \$ 3,350,566 \$ 4,146,617 \$ 917,384 \$ 315,086 \$ 253,409 \$ 101,960,117 \$ \$ \$ 9,486,802 \$ \$ 3,765,290 \$ 36,238,565	Local Fund       State Fund         \$ 98,374,327 2,885,041       \$ 502,374,712 46,099,245 126,498,081 11,763,238 11,763,238 2338,152 672,257 4,066,393         \$ 105,725,407 \$ 722,224,054         \$ 69,416,915 23,560,140 3,350,566 4,146,617 917,384 6,272,462 315,086 253,409 1,386,903       \$ 101,960,117 \$ 585,282,614         \$ 9,486,802 \$ 9,486,802 \$ 373,761,326	Local Fund       State Fund         \$ 98,374,327 2,885,041       \$ 502,374,712 46,099,245 126,498,081 11,763,238 111,763,238 111,763,238 111,763,238 111,763,238 111,763,238 152 40,066,393         \$ 105,725,407 \$ 29,084,233 2,338,152 672,257 4,066,393         \$ 105,725,407 \$ 722,224,054 \$         \$ 69,416,915 23,560,140 3,350,566 4,146,617 917,384 6,272,462 315,086 1,858,094 253,409 1,386,903       \$ 1,858,094 1,386,903         \$ 101,960,117 \$ 585,282,614 \$         \$ 9,486,802 \$ 80,860,659 \$         \$ 3,765,290 \$ 136,941,440 \$ 36,238,565 373,761,326

#### **KEY ASSUMPTIONS**

	1121	IDDUNII IION	<b>,</b>	
Additional State Employer Premiums	\$ 64,000,000		Claim and Other Expense Trends	
Additional Local Agency Revenue	\$ 13,000,000	<b>Eligibility</b>	<u>Medical</u>	Drugs
Additional State Employee Premiums	\$ 16,000,000	Active Local	7.0%	10.5%
Direct Transfers	\$ -	State	7.0%	10.5%
		Capitations		6.0%
		Administrative I	Expense	5.0%

# Attachment - PEIA Historical Monthly Medical and Drug Trends FY 2009 to FY 2011

					Fiscal	<b>Year 2009</b>						
Exposure												
	<u>Jul-08</u>	<b>Aug-08</b>	<b>Sep-08</b>	Oct-08	<u>Nov-08</u>	<b>Dec-08</b>	<b>Jan-09</b>	Feb-09	<u>Mar-09</u>	<u> Apr-09</u>	<b>May-09</b>	<u>Jun-09</u>
Local Medical	19,983	20,235	20,230	20,153	20,164	20,253	20,212	20,165	20,254	20,369	20,369	21,941
State Medical	120,975	121,524	121,525	122,206	122,315	122,476	122,699	122,837	123,248	123,393	123,583	123,575
Local Drugs	19,983	20,235	20,230	20,153	20,164	20,253	20,212	20,165	20,254	20,369	20,369	21,941
State Drugs	120,975	121,524	121,525	122,206	122,315	122,476	122,699	122,837	123,248	123,393	123,583	123,575
	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	<b>May-09</b>	Jun-09
Local Medical	\$139.66	\$135.93	\$146.64	\$163.17	\$146.16	\$155.18	\$175.38	\$162.75	\$188.60	\$185.73	\$165.49	\$194.21
State Medical	157.56	170.02	160.00	180.46	155.08	171.04	178.03	174.66	205.41	198.29	189.51	238.05
Local Drugs	38.50	50.96	54.21	59.33	53.94	60.59	60.88	57.45	61.92	59.75	59.72	65.38
State Drugs	42.65	54.67	<u>59.75</u>	62.65	<u>59.85</u>	66.51	64.42	60.30	67.92	65.60	64.67	76.23
Total	\$378.38	\$411.58	\$420.61	\$465.61	\$415.03	\$453.33	\$478.70	\$455.17	\$523.85	\$509.37	\$479.40	\$573.86
Change From Pr	ior Year - Mo	onth to Mont	th Analysis									
<b>Local Medical</b>	-11.5%	-13.9%	1.0%	-11.3%	-8.1%	8.6%	-12.3%	-1.4%	9.8%	-6.2%	-9.0%	13.4%
State Medical	14.5%	-1.9%	14.2%	6.6%	-4.5%	16.3%	-0.1%	4.8%	16.4%	5.7%	1.3%	19.4%
Local Drugs	25.7%	6.3%	49.0%	34.3%	-1.8%	15.2%	6.0%	-0.4%	7.2%	5.4%	-0.3%	4.7%
State Drugs	<u>25.0%</u>	1.4%	<u>39.5%</u>	32.6%	2.2%	10.2%	0.3%	<u>-3.6%</u>	<u>6.1%</u>	4.2%	<u>-0.9%</u>	10.8%
Total	5.1%	-4.9%	15.4%	4.7%	-4.6%	12.5%	-4.3%	0.7%	11.5%	0.8%	-2.9%	14.3%
Change From Pr	ior Year - Qu	ıarter to Qua	•	is								
Local Medical			-8.4%			-4.4%			-1.9%			-1.0%
State Medical			8.1%			5.8%			7.1%			9.0%
Local Drugs			25.0%			14.6%			4.2%			3.3%
State Drugs			<u>20.0%</u>			<u>13.8%</u>			1.0%			<u>4.8%</u>
Total			4.6%			4.0%			2.5%			4.1%
Change From Pri	ior Year - Ye	ar to Year A	•									
Local Medical			0.9%			0.2%			-1.7%			-3.7%
State Medical			9.3%			8.7%			8.1%			7.6%
<b>Local Drugs</b>			-5.5%			3.1%			7.3%			10.4%
State Drugs			<u>-2.6%</u>			<u>4.7%</u>			6.6%			8.8%
Total			2.6%			4.3%			4.1%			3.8%

CCRC Actuaries, LLC Attachment 1

# Attachment - PEIA Historical Monthly Medical and Drug Trends FY 2009 to FY 2011

					Fiscal	<b>Year 2010</b>						
Exposure												
	<u>Jul-09</u>	<b>Aug-09</b>	<b>Sep-09</b>	Oct-09	<u>Nov-09</u>	<b>Dec-09</b>	<u>Jan-10</u>	Feb-10	<u>Mar-10</u>	<u> Apr-10</u>	<u>May-10</u>	<u>Jun-10</u>
<b>Local Medical</b>	22,112	22,187	22,245	22,348	22,448	22,578	22,499	22,452	22,429	22,231	21,810	21,970
State Medical	123,739	122,886	123,002	123,829	124,564	124,790	124,835	124,947	125,085	125,170	125,224	123,353
Local Drugs	22,112	22,187	22,245	22,348	22,448	22,578	22,499	22,452	22,429	22,231	21,810	21,970
State Drugs	123,739	122,886	123,002	123,829	124,564	124,790	124,835	124,947	125,085	125,170	125,224	123,353
	Jul-09	<u>Aug-09</u>	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	<u> Mar-10</u>	<b>Apr-10</b>	<b>May-10</b>	Jun-10
Local Medical	\$155.28	\$160.39	\$162.90	\$166.61	\$175.29	\$170.09	\$161.46	\$166.10	\$215.65	\$204.50	\$193.09	\$220.46
State Medical	\$167.68	\$166.49	\$166.77	\$174.16	\$174.16	\$166.89	\$173.76	\$180.88	\$205.99	\$199.28	\$195.83	\$234.00
Local Drugs	\$37.88	\$51.03	\$55.67	\$60.29	\$59.33	\$63.70	\$62.74	\$60.79	\$72.71	\$68.51	\$68.85	\$78.79
State Drugs	44.42	<u>58.77</u>	63.58	68.59	<u>65.01</u>	69.85	67.30	66.86	<u>76.65</u>	73.03	73.56	85.61
Total	\$405.26	\$436.68	\$448.91	\$469.66	\$473.80	\$470.52	\$465.26	\$474.62	\$571.00	\$545.31	\$531.33	\$618.86
Change From Pr	ior Year - M	onth to Mont	th Analysis									
<b>Local Medical</b>	11.2%	18.0%	11.1%	2.1%	19.9%	9.6%	-7.9%	2.1%	14.3%	10.1%	16.7%	13.5%
State Medical	6.4%	-2.1%	4.2%	-3.5%	12.3%	-2.4%	-2.4%	3.6%	0.3%	0.5%	3.3%	-1.7%
Local Drugs	-1.6%	0.1%	2.7%	1.6%	10.0%	5.1%	3.1%	5.8%	17.4%	14.7%	15.3%	20.5%
State Drugs	4.1%	7.5%	6.4%	9.5%	8.6%	<u>5.0%</u>	<u>4.5%</u>	10.9%	12.9%	11.3%	13.7%	12.3%
Total	7.1%	6.1%	6.7%	0.9%	14.2%	3.8%	-2.8%	4.3%	9.0%	7.1%	10.8%	7.8%
Change From Pr	ior Year - Qı	ıarter to Qua	•	is								
Local Medical			13.3%			10.2%			3.1%			13.3%
State Medical			2.7%			1.7%			0.5%			0.5%
<b>Local Drugs</b>			0.6%			5.4%			8.9%			16.9%
State Drugs			<u>6.2%</u>			<u>7.6%</u>			9.4%			12.4%
Total			6.6%			6.0%			3.6%			8.5%
Change From Pr	ior Year - Ye	ear to Year A	•									
Local Medical			1.0%			4.5%			5.8%			9.8%
State Medical			6.3%			5.3%			3.6%			1.3%
Local Drugs			5.6%			3.5%			4.8%			8.4%
State Drugs			6.2%			4.8%			<u>7.0%</u>			9.1%
Total			4.2%			4.7%			5.0%			6.2%

CCRC Actuaries, LLC Attachment 2

# Attachment - PEIA Historical Monthly Medical and Drug Trends FY 2009 to FY 2011

Exposure				
-	<u>Jul-10</u>	<b>Aug-10</b>	<b>Sep-10</b>	Oct-10
Local Medical	22,597	22,569	22,603	22,608
State Medical	127,260	126,578	124,811	126,190
Local Drugs	22,597	22,569	22,603	22,608
State Drugs	127,260	126,578	124,811	126,190
	<u>Jul-10</u>	Ang 10	Son 10	Oct-10
Local Medical	\$162.81	<b>Aug-10</b> \$174.62	<b>Sep-10</b> \$189.59	\$187.71
State Medical	\$102.81	\$174.62 \$177.61	\$189.39	\$187.71
Local Drugs	\$44.07	\$58.94	\$62.97	\$74.92
State Drugs	47.96	65.42	69.31	\$74.92 89.66
Total	\$404.43	\$476.59	\$508.82	\$542.19
1 VIII	ψ <del>τυτ.τ</del> 3	ΨΤΙΟ.37	ψ500.02	ψυπΔ.17
Change From Pri	or Year - M	onth to Mont	th Analysis	
Local Medical	4.8%	8.9%	16.4%	12.7%
State Medical	-10.8%	6.7%	12.1%	9.0%
Local Drugs	16.3%	15.5%	13.1%	24.3%
State Drugs	8.0%	<u>11.3%</u>	9.0%	30.7%
Total	-0.2%	9.1%	13.3%	15.4%
Change From Pri	or Year - Qu	ıarter to Qua	arter Analys	is
Local Medical			10.1%	
State Medical			2.6%	
Local Drugs			14.8%	
State Drugs			<u>9.5%</u>	
Total			7.7%	
Change From Pri	or Year - Ye	ear to Year A	Analysis	
Local Medical			9.2%	
State Medical			1.3%	
Local Drugs			11.4%	
State Drugs			9.8%	
Total			6.5%	

CCRC Actuaries, LLC Attachment 3