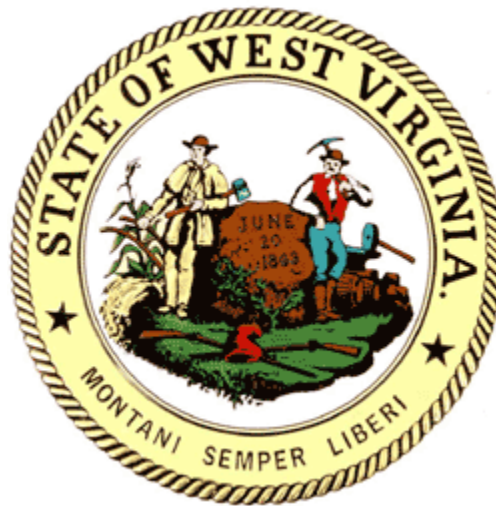




CCRC
Actuaries, LLC

STATE OF WEST VIRGINIA



WEST VIRGINIA HEALTH CARE AUTHORITY

Health Care Financing in the State of West Virginia

An Analysis and Projection of the Current System and Potential Transformations

DRAFT

August 2009



415 Main Street
Reisterstown, MD 21136

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

Email: info@ccrcactuaries.com

Board of Directors
West Virginia Health Care Authority
100 Dee Drive
Charleston, WV 25311-1600

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 Health Care Authority ("WVHCA") to assist in the analysis of the health care financing system in West Virginia. In addition to this report and ongoing reports, WVHCA has asked CCRC Actuaries to develop an actuarial and financial model to allow the State to test additional scenarios available to West Virginia in redesigning the current financial system.

Our analysis includes an assessment of where the State of West Virginia health care financing system is and will be over the next ten years assuming the current system remains unchanged. In addition, we have developed projections assuming several alternative policy initiatives occur beginning in 2011. As the actual details of these policy initiatives become more formulated by State decision makers, we would expect these projections to change. The intent of each of the initiatives is to facilitate the current discussions on program development.

While we are in many ways only at the beginning of this project, this report represents an initial step in the process. This engagement and the associated modeling of the West Virginia health care financing system stands alone as one of the most complex analysis an actuary can pursue. We absolutely appreciate this opportunity to serve the State of West Virginia.

Respectfully,

DRAFT

Dave Bond, F.S.A., M.A.A.A.
Managing Partner

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Acknowledgements

We would like to thank the West Virginia Health Care Authority for the opportunity to work on this most important project for the State of West Virginia.

The WVHCA purpose is to constrain the rising cost of health care and to assure reasonable access to necessary health services for all residents of the State. The WVHCA collects and disseminates financial data on health care facilities, including hospitals, nursing homes, home health agencies, hospice agencies, behavioral health centers and ambulatory surgical centers.

In addition, we would like to thank the data contributors of this study. Without their contribution, this analysis would not be possible. Representing the State of West Virginia includes the West Virginia Public Employees Insurance Agency, the West Virginia Retirees Health Benefit Trust, the West Virginia Children's Health Insurance Program, West Virginia Medicaid and the West Virginia Health Care Authority. Representing the major commercial carriers writing health care in the State include Mountain State Blue Cross and Blue Shield, Coventry Health Care, Inc., and the Health Plan of the Upper Ohio Valley.

Finally, we would like to acknowledge that the Stakeholders Health Care Coalition, comprised of the West Virginia Chamber of Commerce, Mountain State Blue Cross Blue Shield, the West Virginia State Medical Association, and West Virginians for Affordable Health Care, contracted with the Health Care Authority, have assisted in funding this report.

Executive Summary

- A cohort model was developed to simulate health care eligibility, utilization and insurance availability of the projected 1,828,538 West Virginians in 2009.
- The model utilizes 8,640 cohorts to represent current insured status, health care utilization, age, gender, and household income.
- The projected average age in 2009 is 40.2 years.
- West Virginia is projected to have a population of 1,806,545 in 2019 and the average age is projected to increase to 42.2 years.
- The number of commercially insureds is 757,884 in 2009.
- The number of non-Medicare PEIA insureds is 175,324 in 2009.
- The number of non-dual eligible Medicaid insureds is 321,113 in 2009.
- The number of dual eligible Medicaid/Medicare insureds is 57,118 in 2009.
- The number of Medicare eligible PEIA insureds is 37,784 in 2009.
- The number of other Medicare insureds is 168,571 in 2009.
- The number of West Virginia CHIP insureds is 24,480 in 2009.
- The number of uninsured West Virginians is 286,264 in 2009.
- Health care costs can be defined as charges or as allowed charges. In terms of allowed charges, projected West Virginia expenditures total \$13.1 billion in 2009.
- Allowed charges are projected to grow to \$24.4 billion in 2019.

- In 2009, the uninsured population is projected to incur \$3.2 billion in allowed charges, resulting in bad debt and charity care of almost \$900 million.
- Initiative I, Adult Medicaid Expansion, is projected to cost the State of West Virginia \$56.8 million and the Federal Government \$162.0 million in 2014, while overall health care expenditures will decrease \$611.5 million. Low income residents see the majority of the savings, spending \$591.5 million less on health care.
- Initiative II, Adult Medicaid Expansion Combined with an Insurance Mandate for Employers and Individuals, is projected to cost the State of West Virginia \$56.8 million in higher Medicaid expenditures and \$1,004.3 million in insurance premium subsidy. The initiative will cost the Federal Government \$162.0 million in 2014, while overall health care expenditures will decrease \$2,176.0 million. Low income residents see the majority of the savings, spending \$2,212.8 million less on health care.
- Initiative III, Adult Medicaid Expansion combined with an Insurance Mandate for Individuals, is projected to cost the State of West Virginia \$56.8 million, \$983.4 million in insurance premium subsidy. The initiative will cost the Federal Government \$162.0 million in 2014, while overall health care expenditures will decrease \$1,634.7 million. Low income residents see the majority of the savings, spending \$1,656.2 million less on health care.
- Initiative IV, Medical Home, is projected to save the State of West Virginia \$57.3 million in claim expenditures and the Federal Government \$199.3 million in 2014, and overall health care expenditures will decrease \$642.6 million. Low income residents and insurance companies see the majority of the savings, spending \$170.6 million and \$173.2 million less on health care, respectively. This initiative requires \$45 million of initial costs and a total of \$368.2 million of ongoing physician reimbursement per year.

- Initiative V, e-Prescribing, is projected to save the State of West Virginia \$16.0 million in claim expenditures and the Federal Government \$53.8 million in 2014, and overall health care expenditures will decrease \$164.0 million. Low income residents and insurance companies see the majority of the savings, spending \$41.9 million and \$45.6 million less on health care, respectively. The cost of implementing e-prescribing has not been projected.
- Initiative VI, Electronic Medical Records, is projected to save the State of West Virginia \$28.3 million and the Federal Government \$98.5 million in 2014, and overall health care expenditures will decrease \$317.6 million. Low income residents and insurance companies see the majority of the savings, spending \$84.3 million and \$85.6 million less on health care, respectively. This initiative requires around \$25,000 to \$45,000 of initial costs and an annual cost of \$3,000 to \$9,000 per provider. However, these cost estimates appear to be declining over time.

Introduction

CCRC Actuaries was engaged by the West Virginia Health Care Authority to develop an actuarial model that details the current state of health care financing in West Virginia. Using this model, CCRC Actuaries has projected the health care costs of current programs in West Virginia.

In addition, CCRC Actuaries utilized this standardized model to analyze six possible health care initiatives and their impact on West Virginia's health finance systems. For each proposed scenario, CCRC Actuaries has modeled projections for the cost of implementing the measure and the potential future cost savings. The overall aim of this analysis was to evaluate possible transformations of the health care system in terms of potential savings and costs.

The first proposed initiative evaluates the estimated costs and potential impact of the expansion of Medicaid to all adults who earn up to 100 percent of the federal poverty level ("FPL").

The second initiative evaluates the estimated costs and potential impact of the expansion of Medicaid coupled with an insurance mandate for employers who employ more than 10 full-time equivalent employees, and an insurance mandate for individuals who do not otherwise have public or private insurance. The individual mandate includes subsidizing individuals on a sliding scale with incomes between 100 percent and 300 percent of the FPL.

The third initiative evaluates the estimated costs and potential impact of the expansion of Medicaid coupled with an individual mandate only. The individual mandate also includes subsidizing individuals on a sliding scale with incomes between 100 percent and 300 percent of the FPL.

The fourth initiative evaluates the estimated costs and potential savings of a statewide patient-centered medical home initiative that would include chronic care management, patient education, and coordination of care.

The fifth initiative evaluates the estimated costs and potential savings of a statewide e-prescribing pilot project of between 400 and 500 prescribers and 100 pharmacies with phased-in statewide implementation of e-prescribing to all prescribers and pharmacies within the state. This initiative also considers potential savings for implementation of e-prescribing statewide.

The sixth initiative evaluates the estimated costs and potential savings of a statewide electronic medical records pilot project of between 400 and 500 physicians and 15 hospitals with phased-in statewide implementation of electronic medical records to all physicians and hospitals.

Methodology

Population

The total population for West Virginia was obtained from the U.S. Census Bureau. The U.S. Census Bureau released a 30-year projection of the population for each of the 50 US States in March of 2004. The U.S. Census Bureau developed projections of West Virginia's population classified by gender and five-year age bands.

The methodology used by the U.S. Census Bureau includes:

- 1) Each birth cohort (the people born in a specified year) was projected forward using mortality and migration assumptions.
- 2) Births, deaths, internal migration, and international migration were projected separately based on recent fertility, mortality, and migration trends.
- 3) Rates of fertility, mortality, and migration were held constant throughout the projection period with small adjustments to fit the estimated components of change from 2001 to 2003.
- 4) The interim state projections are based on the general assumption that recent demographic trends will continue in the future.
- 5) Projected fertility and mortality rates were based on birth and death statistics by state from the National Center for Health Statistics (NCHS).
- 6) Projected internal migration was based on data on state migration patterns derived from the Internal Revenue Service (IRS) and Census 2000 data.
- 7) Projected international migration was based on the estimates of net international migration by state derived from the Population Estimates Program and data on the foreign-born population enumerated in Census 2000.
- 8) Differences between the actual and projected 2000 to 2003 populations were used to derive small adjustments in the projected components of population change going forward.
- 9) As a last step in the projection process, the resulting state population projections by age and gender were adjusted proportionally to be consistent by each year of age and gender with the interim population projections for the United States released in March 2004.

The U.S. Census Bureau's projections from 2008 through 2019 were used in this study. In aggregate, the various insured populations were adjusted year by year to tie to the total West Virginia population that was projected by the U.S. Census Bureau.

CCRC Actuaries received data from the State's data warehouse consultant concerning the detailed distribution of the population by age and gender for the insured groups of PEIA, PEIA-Medicare, Medicaid and Medicare Dual Eligible, Medicaid Non-Dual Eligible, and West Virginia's Children's Health Insurance Program ("WV CHIP") from 2005 through 2007. Further data was obtained from the U.S. Census Bureau and other sources to understand the distributions of the Commercially Insured, Uninsured, and Medicare Non-Dual Eligible and Non-PEIA groups.

Eight distinct insurance groups were defined as necessary and used in the projection of health care financing:

- Non-Medicare PEIA Insureds,
- PEIA-Medicare Insureds,
- Medicaid and Medicare Dual Eligibles,
- Medicaid Non-Dual Eligible,
- West Virginia Children's Health Insurance Program insureds,
- Commercially Insured,
- Medicare – Non-Dual Eligible and Non-PEIA, and
- Uninsured Residents.

Conflicting data sources required CCRC Actuaries to make adjustments to the eight groups for the base 2008 year. Adjustments were made to the eight groups so that:

- 1) The total population of the eight groups tied to the U.S. Census Bureau's 2008 population projection for West Virginia by gender and age band.
- 2) The average age for each group was consistent with what is expected based on individual groups eligibility criteria.
- 3) Projections for PEIA and WV CHIP were consistent with previous reports these agencies have issued in five-year projections.
- 4) The percent of uninsured by age bands in West Virginia matched the characteristics of the estimated number of uninsured in West Virginia in other State specific and national reports including

those produced by the Institute for Health Policy Research of West Virginia University.

From the base year, the projection for each of the eight insured status groups was projected by age and gender from 2009 through 2019. These projections were completed by insuring that:

- 1) Each age band and gender for each of the eight groups was projected according to the U.S. Census Bureau's assumptions concerning fertility, mortality, and migration trends.
- 2) Each year has a total population that ties to the U.S. Census Bureau's population by gender and age band.
- 3) The number of projected residents in WV CHIP is consistent with previous reports that CCRC Actuaries has issued in the past.

Health Care Utilization and Cost Share

Detailed data for each insured group listed below was collected from the State's data warehouse consultant to calculate the health care costs for prescription drugs, hospital inpatient services, outpatient services, and professional services. For each of these categories, data was provided for a three-year incurred period from 2005 through 2007 by charges, allowed claims, paid claims and insured cost-share:

- 1) PEIA
- 2) PEIA-Medicare
- 3) Medicaid & Medicare Dual Eligible
- 4) Medicaid Non-Dual Eligible
- 5) West Virginia's Children's Health Insurance Program

Cohorts were developed using per capita distributions for each of these groups, as well as factors by age and gender to determine the per capita costs in 2007 by age and gender. For these groups, final adjustments were made so that the 2008 health care expenditures would balance to other information available.

The remaining three insurance groups were developed by extrapolating aggregate data using information from the previous five insurance groups:

- 6) Commercially Insured
- 7) Uninsured
- 8) Medicare – Non-Dual Eligible and Non-PEIA

The health care costs for the remaining three groups were calculated based on the known experience of the five other groups, as well as figures that were compiled from Kaiser State Health Facts (statehealthfacts.org) as well as the West Virginia Health Care Authority's 2008 Annual Report. Adjustments were made to each group so that the health care assumptions in 2008 were appropriate individually for each group and in total for West Virginia. The health care costs per capita and per service were then projected through 2019 for all eight groups at the cohort level.

Baseline Results

The charts below summarize the assumed West Virginia resident population along with each insurance program population counts and average age. While the population is projected to decline 1.2% over the next 10 years, the Medicare population will increase 18.8% and the non-Medicare population will decrease 4.6%. The change in demographics can clearly be seen in the aging of the West Virginia population. This will have a significant impact on future medical costs in the state as the Medicare population has the highest allowed cost of any insured group.

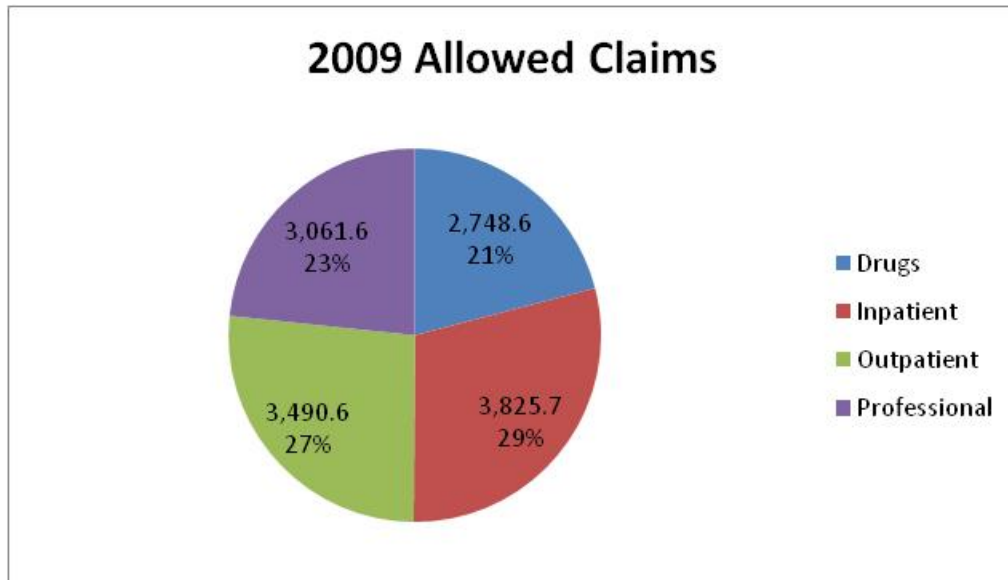
Population by Insurance Coverage			
<u>Insurance Category</u>	<u>2009</u>	<u>2014</u>	<u>2019</u>
PEIA Non-Medicare	175,324	173,557	167,792
WV CHIP	24,480	25,280	24,766
Medicaid Non-Duals	321,113	310,925	297,413
Commercially Insured	757,884	750,878	733,405
Uninsured	286,264	278,585	270,046
PEIA Medicare	37,784	41,584	46,463
Medicare & Medicaid Duals	57,118	60,712	64,692
Medicare Non-Medicaid/PEIA	168,571	183,737	201,967
West Virginia	1,828,538	1,825,259	1,806,545

Average Age by Insurance Coverage			
<u>Insurance Category</u>	<u>2009</u>	<u>2014</u>	<u>2019</u>
PEIA Non-Medicare	38.7	39.3	39.5
WV CHIP	10.5	10.5	10.7
Medicaid Non-Duals	23.2	23.4	23.5
Commercially Insured	39.9	40.7	41.5
Uninsured	36.9	37.5	37.9
PEIA Medicare	73.6	73.2	73.1
Medicare & Medicaid Duals	65.2	65.7	66.3
Medicare Non-Medicaid/PEIA	69.1	69.2	69.6
West Virginia	40.2	41.2	42.2

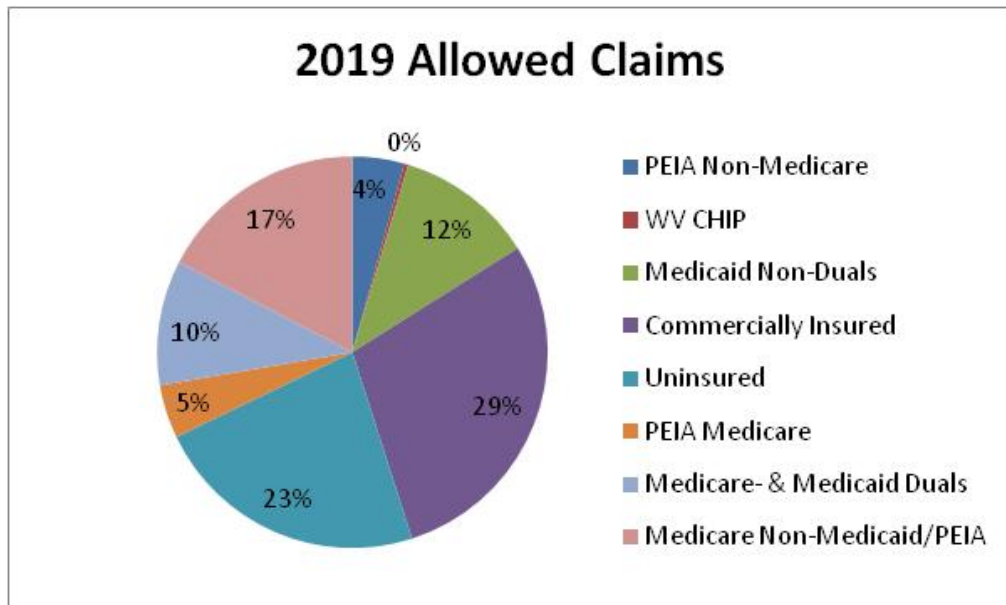
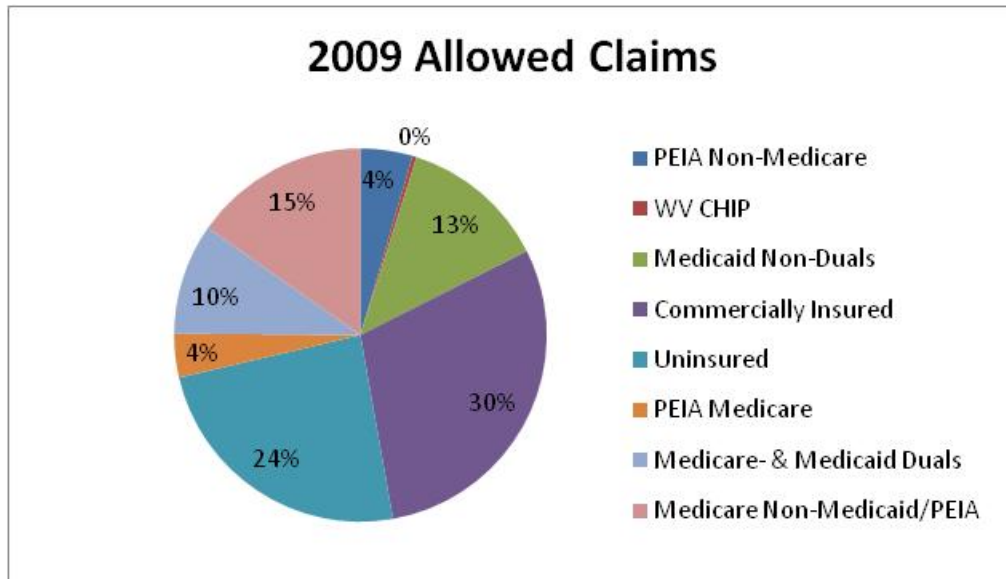
Using the population projection to forecast health care costs over the next ten years, the chart below displays the expected allowed charges under each insurance program. The combined cost and utilization trend rate for the projection is assumed to be 6 percent. The total over the ten-year projection inflates approximately 6.4 percent per year, resulting from the overall increase in average age assumed in the population. It is assumed that as a population ages, the cost of health care will increase.

Allowed Charges by Insurance Coverage (in \$millions)						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$593.7	\$634.1	\$675.7	\$715.9	\$757.7	\$801.7
WV CHIP	46.9	50.1	53.7	57.4	60.8	64.8
Medicaid Non-Duals	1,665.7	1,762.3	1,862.9	1,962.6	2,066.1	2,174.8
Commercially Insured	3,890.5	4,145.6	4,411.5	4,684.1	4,973.3	5,279.0
Uninsured	3,167.5	3,362.0	3,566.2	3,772.3	3,987.9	4,216.0
PEIA Medicare	497.5	533.4	572.7	619.9	671.7	726.6
Medicare & Medicaid Duals	1,262.8	1,352.9	1,448.8	1,553.4	1,665.3	1,783.7
Medicare Non-Medicaid/PEIA	2,002.0	2,146.1	2,303.1	2,487.0	2,686.5	2,898.5
West Virginia	\$13,126.6	\$13,986.7	\$14,894.7	\$15,852.7	\$16,869.4	\$17,945.1
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$847.9	\$895.6	\$943.5	\$993.1	\$1,045.0	
WV CHIP	69.1	72.8	76.8	80.8	85.0	
Medicaid Non-Duals	2,287.7	2,406.0	2,528.9	2,657.0	2,791.6	
Commercially Insured	5,601.9	5,942.6	6,299.9	6,675.6	7,069.0	
Uninsured	4,457.4	4,712.6	4,981.6	5,265.1	5,562.3	
PEIA Medicare	785.9	849.6	920.7	997.7	1,079.4	
Medicare & Medicaid Duals	1,912.0	2,047.7	2,194.1	2,351.5	2,517.3	
Medicare Non-Medicaid/PEIA	3,127.5	3,371.6	3,641.7	3,932.8	4,241.1	
West Virginia	\$19,089.5	\$20,298.5	\$21,587.2	\$22,953.5	\$24,390.8	

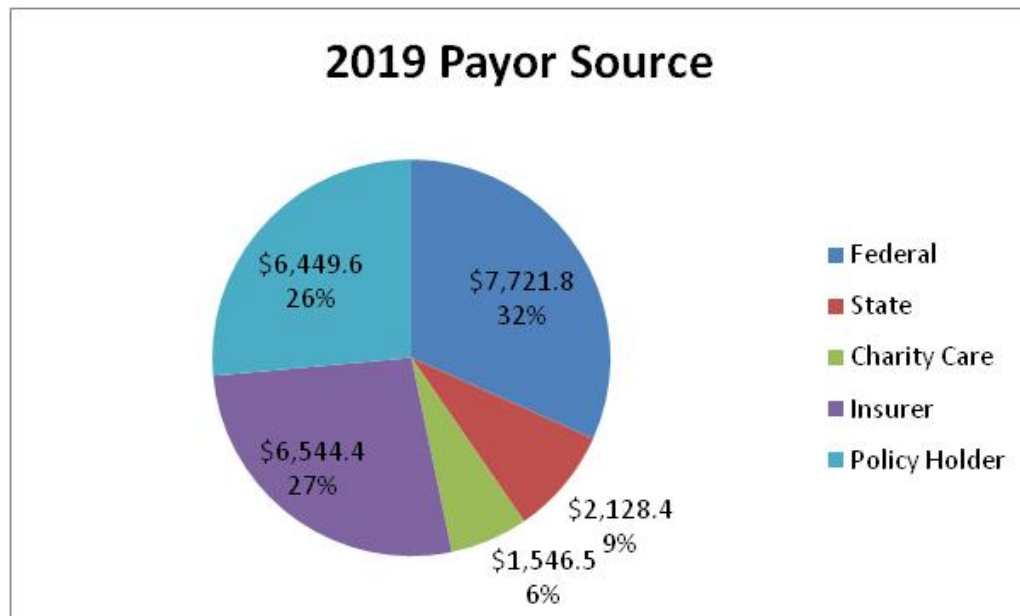
The charts below summarize the distribution of allowed claims in 2009 and 2019 by the type of expenditure. These claims result in the allowed charges projected for each insurance group above.



The charts below summarize the distribution of allowed claims in 2009 and in 2019 affecting the allowed charges projected above. The overall percentage of Medicare Non-Medicaid/PEIA allowed claims increases as the Medicare population increases. Consequently, the overall percentage of Uninsured allowed claims decreases as the average age of the population increases and a higher percentage of the population is eligible for Medicare.



The charts below summarize the payor source for the allowed charges projected above for 2009 and 2019. The charges are allocated based on the current statutes governing health care eligibility.



Initiative I – Adult Medicaid Expansion

The WVHCA asked CCRC Actuaries to evaluate the estimated costs and potential impact of the expansion of Medicaid to all adults who earn up to 100 percent of the FPL.

Medicaid is a health insurance program which pays out medical expenses for health and continuing care services. The federal government finances about 75 percent of Medicaid costs and the State of West Virginia covers the remaining 25 percent.

Medicaid coverage in West Virginia is limited to children of families who earn less than 150% of the FPL for children under age 1, 133% of the FPL for children between ages 1 and 6, and 100% of the FPL for children ages 7 to 18. Coverage also includes parents with children who make less than 35% of the FPL, pregnant women who gross less than 150% of the FPL, people with disabilities, and the elderly. Children comprise more than half of all Medicaid recipients.

Under this scenario, the chart below shows the maximum allowable family income to income qualify for Medicaid:

<u>Family Size</u>	<u>100% FPL</u>
1	\$10,830
2	\$14,570
3	\$18,310
4	\$22,050
5	\$25,790
6	\$29,530
7	\$33,270
8	\$37,010

Expanding Medicaid to all adults who earn up to 100 percent of the FPL would increase the rate of health insurance coverage for low-income adults. In 2007, 44 percent of low-income young adults nationally were uninsured due to working part-time or

working for employers who do not offer health insurance coverage to their employees. Expanding Medicaid eligibility to adults earning below 100 percent of the FPL would increase access to health care and subsequently, lower the risk of potential illnesses and lessen the burden of costly out-of-pocket expenses.

In contrast, there are two potential drawbacks to this initiative. Adoption of this program could lead to a number of adults enrolling in Medicaid when they would have been covered under another insurance policy. This could increase the total cost of Medicaid to both the federal government and West Virginia. Additionally, employers with a disproportionate number of low-income workers will be less inclined to offer health insurance. It is assumed that the proportion of individuals

between 100% and 300% of the FPL who have insurance is relatively small. For the purposes of this analysis, we have assumed that there is no transfer of individuals from current insurance programs to Medicaid.

The charts below summarize savings in allowed claims. The chart is split between insurance groups and payor source, and a positive number represents a savings, while a negative number represents a cost incurred by the program. We have assumed that provider reimbursements have stayed the same within each insurance category, and that approximately 59,200 uninsured adults will become covered under Medicaid.

Increase in Allowed Claims by Insurance Category (in \$millions)		
<u>Insurance Category</u>	<u>2014</u>	<u>2019</u>
PEIA Non-Medicare	\$0.0	\$0.0
WV CHIP	0.0	0.0
Medicaid Non-Duals	220.7	283.7
Commercially Insured	0.0	0.0
Uninsured	-832.2	-1,073.3
PEIA Medicare	0.0	0.0
Medicare & Medicaid Duals	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	-\$611.5	-\$789.5

increase in Allowed Claims by Payor Source (in \$millions)		
<u>Payor</u>	<u>2014</u>	<u>2019</u>
Federal	\$162.0	\$208.3
State	56.8	73.0
Charity Care	-238.8	-307.6
Insurer	0.0	0.0
<u>Policy Holder</u>	<u>-591.5</u>	<u>-763.2</u>
West Virginia	-\$611.5	-\$789.5

Insuring the uninsured has a significant impact on utilization. Some of these changes include increased drug utilization and fewer emergency room visits as behavior is modified by the insurance program. Additionally, hospitals will receive lower rate reimbursements from the Medicaid program, while at the same time reduce their charity care liability.

Initiative II – Adult Medicaid Expansion Combined with an Insurance Mandate for Employers and Individuals

The WWHCA asked CCRC Actuaries to evaluate the estimated costs and potential impact of the expansion of Medicaid coupled with an insurance mandate for employers who employ more than 10 full-time equivalent employees, and an insurance mandate for individuals who do not otherwise have public or private insurance. The individual mandate would subsidize individuals on a sliding scale with incomes between 100 percent and 300 percent of the FPL.

Advantages of an individual mandate compared to a voluntary system include:

- Voluntary systems such as public program expansions and subsidies for low-income individuals would only reduce the number of uninsured by 30-40 percent;
- Older and frailer individuals will voluntarily enroll at a greater rate than others;
- Funds currently used to provide care for the uninsured can be used to invest in other health care reforms.

Experience with insurance mandates has shown that there are three features that are necessary for mandates to be effective:

- The cost of health insurance must be affordable;
- The penalty for non-compliance must be heavy, but not excessive;
- Timely enforcement.

Massachusetts was the first state to institute an employer mandate plus an individual mandate where all of its residents were required to purchase health insurance. In the first year of the program (2007), when the maximum penalty was \$219, the percentage of residents without insurance dropped by nearly half. In the second year of the program (2008), the penalty for non-compliance increased and could amount to half the cost of the least expensive policy available for an individual, or approximately \$1,000. Massachusetts expects the percentage of uninsured residents to drop further in 2008 when the full penalty is implemented.

In theory, the plan would lower individual insurance costs by enlarging the pool of insured individuals. In practice, insurance costs were raised 10-12% in 2008, twice the national average. In part, this occurred due to the mandated benefits that have raised the cost of health insurance by 23 to 56 percent in Massachusetts.

In this scenario we have assumed that policy makers will implement one of three different types of benefit structures. The high cost policy assumes an actuarial value of a 22% cost share for the policyholder. The medium cost policy assumes an actuarial value of a 26% cost share for the policyholder. The low cost policy assumes an actuarial value of a 30% cost share for the policyholder.

The table below shows the percentage of uninsured that are assumed to become insured under each scenario:

Percent of Uninsured who Become Insured

Scenario:	<u>High Benefit Cost</u>	<u>Medium Benefit Cost</u>	<u>Low Benefit Cost</u>
2011	46.6%	48.3%	50.0%
2012	69.8%	72.4%	75.0%
2013	75.4%	78.2%	81.0%
2014	81.0%	84.0%	87.0%
2015	81.0%	84.0%	87.0%
2016	81.0%	84.0%	87.0%
2017	81.0%	84.0%	87.0%
2018	81.0%	84.0%	87.0%
2019	81.0%	84.0%	87.0%
Cost Sharing	22.0%	26.0%	30.0%

The charts below summarize savings in allowed claims under the High Benefit Cost structure. The chart is split between insurance groups and payor source, and a positive number represents a savings, while a negative number represents a cost incurred by the program. We have assumed that provider reimbursements have stayed the same within each insurance category.

Increase in Allowed Claims by Insurance Category (in \$millions)		
<u>Insurance Category</u>	<u>2014</u>	<u>2019</u>
PEIA Non-Medicare	\$0.0	\$0.0
WV CHIP	0.0	0.0
Medicaid Non-Duals	220.7	283.7
Commercially Insured	945.4	1,308.4
Uninsured	-3,264.7	-4,441.0
PEIA Medicare	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	-\$2,098.7	-\$2,848.9

Increase in Allowed Claims by Payor Source (in \$millions)		
<u>Payor</u>	<u>2014</u>	<u>2019</u>
Federal	\$162.0	\$208.3
State	56.8	73.0
Charity Care	-912.7	-1,237.1
Insurer	750.9	1,040.6
<u>Policy Holder</u>	<u>-2,155.7</u>	<u>-2,933.7</u>
West Virginia	-\$2,098.7	-\$2,848.9

The following chart summarizes the projected subsidy the State of West Virginia will incur in implementing the insurance mandate for individuals below 300% of the FPL for the High Benefit Cost structure.

	Projected State Subsidy (in \$millions)		
	<u>100-200%</u>	<u>200-300%</u>	<u>TOTAL</u>
2011	\$269.5	\$149.6	\$419.1
2012	572.7	317.4	890.1
2013	608.5	336.5	945.0
2014	646.3	356.8	1,003.1
2015	686.1	378.2	1,064.3
2016	728.2	400.7	1,129.0
2017	773.1	424.2	1,197.3
2018	820.4	448.7	1,269.1
2019	869.9	474.4	1,344.3

The charts below summarize savings in allowed claims under the Medium Benefit Cost structure. The chart is split between insurance groups and payor source, and a positive number represents a savings, while a negative number represents a cost incurred by the program. We have assumed that provider reimbursements have stayed the same within each insurance category.

Increase in Allowed Claims by Insurance Category (in \$millions)		
<u>Insurance Category</u>	<u>2014</u>	<u>2019</u>
PEIA Non-Medicare	\$0.0	\$0.0
WV CHIP	0.0	0.0
Medicaid Non-Duals	220.7	283.7
Commercially Insured	994.5	1,377.1
Uninsured	-3,391.2	-4,618.1
PEIA Medicare	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	-\$2,176.0	-\$2,957.2

Increase in Allowed Claims by Payor Source (in \$millions)		
<u>Payor</u>	<u>2014</u>	<u>2019</u>
Federal	\$162.0	\$208.3
State	56.8	73.0
Charity Care	-947.7	-1,285.9
Insurer	765.7	1,062.7
<u>Policy Holder</u>	<u>-2,212.8</u>	<u>-3,015.3</u>
West Virginia	-\$2,176.0	-\$2,957.2

The following chart summarizes the projected subsidy the State of West Virginia will incur in implementing the insurance mandate for individuals below 300% of the FPL for the Medium Benefit Cost structure.

	Projected State Subsidy (in \$millions)		
	<u>100-200%</u>	<u>200-300%</u>	<u>TOTAL</u>
2011	\$270.1	\$149.6	\$419.7
2012	573.8	317.3	891.1
2013	609.7	336.5	946.2
2014	647.6	356.7	1,004.3
2015	687.4	378.1	1,065.5
2016	729.6	400.7	1,130.3
2017	774.6	424.1	1,198.7
2018	821.9	448.7	1,270.6
2019	871.5	474.4	1,345.9

The charts below summarize savings in allowed claims under the Low Benefit Cost structure. The chart is split between insurance groups and payor source, and a positive number represents a savings, while a negative number represents a cost incurred by the program. We have assumed that provider reimbursements have stayed the same within each insurance category.

Increase in Allowed Claims by Insurance Category (in \$millions)		
<u>Insurance Category</u>	<u>2014</u>	<u>2019</u>
PEIA Non-Medicare	\$0.0	\$0.0
WV CHIP	0.0	0.0
Medicaid Non-Duals	220.7	283.7
Commercially Insured	1,043.7	1,445.9
Uninsured	-3,517.7	-4,795.1
PEIA Medicare	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	-\$2,253.4	-\$3,065.5

Increase in Allowed Claims by Payor Source (in \$millions)		
<u>Payor</u>	<u>2014</u>	<u>2019</u>
Federal	\$162.0	\$208.3
State	56.8	73.0
Charity Care	-982.8	-1,334.8
Insurer	777.5	1,080.6
<u>Policy Holder</u>	<u>-2,266.9</u>	<u>-3,092.6</u>
West Virginia	-\$2,253.4	-\$3,065.5

The following chart summarizes the projected subsidy the State of West Virginia will incur in implementing the insurance mandate for individuals below 300% of the FPL for the Low Benefit Cost structure.

	Projected State Subsidy (in \$millions)		
	<u>100-200%</u>	<u>200-300%</u>	<u>TOTAL</u>
2011	\$270.6	\$149.5	\$420.1
2012	574.8	317.2	892.0
2013	610.8	336.3	947.1
2014	648.7	356.5	1,005.3
2015	688.6	377.9	1,066.5
2016	730.9	400.4	1,131.3
2017	775.9	423.9	1,199.8
2018	823.3	448.4	1,271.7
2019	872.9	474.1	1,347.1

Initiative III– Adult Medicaid Expansion Combined with an Insurance Mandate for Individuals

The WVHCA asked CCRC Actuaries to evaluate the estimated costs and potential impact of the expansion of Medicaid coupled with an individual mandate only. The individual mandate would subsidize individuals on a sliding scale with incomes between 100 percent and 300 percent of the FPL.

Advantages of an individual mandate compared to a voluntary system include:

- Voluntary systems such as public program expansions and subsidies for low-income individuals would only reduce the number of uninsured by 30-40 percent;
- Older and frailer individuals will voluntarily enroll at a greater rate than others;
- Funds currently used to provide care for the uninsured can be used to invest in other health care reforms.

Experience with insurance mandates has shown that there are three features that are necessary for mandates to be effective:

- The cost of health insurance must be affordable;
- The penalty for non-compliance must be heavy, but not excessive;
- Timely enforcement.

This initiative is identical to Initiative II without the Employer Mandate.

In this scenario we have assumed that policy makers will implement one of three different types of benefit structures. The High Cost Policy assumes an actuarial value of a 22% cost share for the policyholder. The Medium Cost Policy assumes an actuarial value of a 26% cost share for the policyholder. The Low Cost Policy assumes an actuarial value of a 30% cost share for the policyholder.

The table below shows the percentage of uninsured that are assumed to become insured under each scenario:

Percent of Uninsured who Become Insured

Scenario:	<u>High Benefit Cost</u>	<u>Medium Benefit Cost</u>	<u>Low Benefit Cost</u>
2011	34.9%	36.2%	37.5%
2012	52.4%	54.3%	56.3%
2013	56.6%	58.7%	60.8%
2014	60.8%	63.0%	65.3%
2015	60.8%	63.0%	65.3%
2016	60.8%	63.0%	65.3%
2017	60.8%	63.0%	65.3%
2018	60.8%	63.0%	65.3%
2019	60.8%	63.0%	65.3%
Cost Sharing	22.0%	26.0%	30.0%

The charts below summarize savings in allowed claims under the High Benefit Cost structure. The chart is split between insurance groups and payor source, and a positive number represents a savings, while a negative number represents a cost incurred by the program. We have assumed that provider reimbursements have stayed the same within each insurance category.

Increase in Allowed Claims by Insurance Category (in \$millions)		
<u>Insurance Category</u>	<u>2014</u>	<u>2019</u>
PEIA Non-Medicare	\$0.0	\$0.0
WV CHIP	0.0	0.0
Medicaid Non-Duals	220.7	283.7
Commercially Insured	613.6	844.1
Uninsured	-2,411.0	-3,246.0
PEIA Medicare	0.0	0.0
Medicare & Medicaid Duals	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	-\$1,576.7	-\$2,118.1

Increase in Allowed Claims by Payor Source (in \$millions)		
<u>Payor</u>	<u>2014</u>	<u>2019</u>
Federal	\$162.0	\$208.3
State	56.8	73.0
Charity Care	-676.2	-907.3
Insurer	489.3	674.0
<u>Policy Holder</u>	<u>-1,608.6</u>	<u>-2,166.2</u>
West Virginia	-\$1,576.7	-\$2,118.1

The following chart summarizes the projected subsidy the State of West Virginia will incur in implementing the insurance mandate for individuals below 300% of the FPL for the High Benefit Cost structure.

Projected State Subsidy (in \$millions)			
	<u>100-200%</u>	<u>200-300%</u>	<u>TOTAL</u>
2011	\$263.3	\$146.9	\$410.2
2012	559.5	311.7	871.2
2013	594.6	330.5	925.1
2014	631.7	350.4	982.1
2015	670.6	371.5	1,042.1
2016	711.9	393.6	1,105.5
2017	755.8	416.7	1,172.5
2018	802.2	440.9	1,243.0
2019	850.7	466.1	1,316.8

The charts below summarize savings in allowed claims under the Medium Benefit Cost structure. The chart is split between insurance groups and payor source, and a positive number represents a savings, while a negative number represents a cost incurred by the program. We have assumed that provider reimbursements have stayed the same within each insurance category.

Increase in Allowed Claims by Insurance Category (in \$millions)		
<u>Insurance Category</u>	<u>2014</u>	<u>2019</u>
PEIA Non-Medicare	\$0.0	\$0.0
WV CHIP	0.0	0.0
Medicaid Non-Duals	220.7	283.7
Commercially Insured	650.4	895.7
Uninsured	-2,505.8	-3,378.7
PEIA Medicare	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	-\$1,634.7	-\$2,199.3

Increase in Allowed Claims by Payor Source (in \$millions)		
<u>Payor</u>	2014	2019
Federal	\$162.0	\$208.3
State	56.8	73.0
Charity Care	-702.5	-943.9
Insurer	505.2	697.1
<u>Policy Holder</u>	<u>-1,656.2</u>	<u>-2,233.8</u>
West Virginia	-\$1,634.7	-\$2,199.3

The following chart summarizes the projected subsidy the State of West Virginia will incur in implementing the insurance mandate for individuals below 300% of the FPL for the Medium Benefit Cost structure.

	Projected State Subsidy (in \$millions)		
	<u>100-200%</u>	<u>200-300%</u>	<u>TOTAL</u>
2011	\$263.8	\$147.0	\$410.8
2012	560.6	311.8	872.4
2013	595.7	330.7	926.4
2014	632.8	350.6	983.4
2015	671.8	371.7	1,043.5
2016	713.2	393.8	1,107.0
2017	757.2	416.9	1,174.1
2018	803.6	441.1	1,244.6
2019	852.1	466.3	1,318.4

The charts below summarize savings in allowed claims under the Low Benefit Cost structure. The chart is split between insurance groups and payor source, and a positive number represents a savings, while a negative number represents a cost incurred by the program. We have assumed that provider reimbursements have stayed the same within each insurance category.

Increase in Allowed Claims by Insurance Category (in \$millions)		
<u>Insurance Category</u>	2014	2019
PEIA Non-Medicare	\$0.0	\$0.0
WV CHIP	0.0	0.0
Medicaid Non-Duals	220.7	283.7
Commercially Insured	687.3	947.2
Uninsured	-2,600.7	-3,511.5
PEIA Medicare	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	-\$1,692.7	-\$2,280.5

Increase in Allowed Claims by Payor Source (in \$millions)		
<u>Payor</u>	<u>2014</u>	<u>2019</u>
Federal	\$162.0	\$208.3
State	56.8	73.0
Charity Care	-728.8	-980.5
Insurer	518.8	717.1
<u>Policy Holder</u>	<u>-1,701.6</u>	<u>-2,298.4</u>
West Virginia	-\$1,692.7	-\$2,280.5

The following chart summarizes the projected subsidy the State of West Virginia will incur in implementing the insurance mandate for individuals below 300% of the FPL for the Low Benefit Cost structure.

	Projected State Subsidy (in \$millions)		
	<u>100-200%</u>	<u>200-300%</u>	<u>TOTAL</u>
2011	\$264.2	\$147.0	\$411.3
2012	561.5	311.9	873.4
2013	596.7	330.7	927.4
2014	633.9	350.6	984.5
2015	672.9	371.7	1,044.6
2016	714.3	393.9	1,108.2
2017	758.4	417.0	1,175.4
2018	804.9	441.1	1,246.0
2019	853.5	466.4	1,319.9

Initiative IV – Medical Home Initiative

The WVHCA asked CCRC Actuaries to evaluate the estimated costs and potential savings of a statewide patient-centered medical home initiative that would include chronic care management, patient education, and coordination of care.

A medical home is a health care model in which individuals use primary care practices as the basis for accessible, continuous, comprehensive and integrated care. In the medical home model of health care delivery, the ongoing relationship between care provider and patient is essential. A medical home ensures around-the-clock access to medical consultation, respect for a patient's cultural and religious beliefs, and the comprehensive coordination of a patient's care among providers and community services. The premise of the medical home is to provide a broad spectrum of care to the patient, including preventive and curative and to provide coordination of all health care services.

A key to the success of the medical home model is the measurement and adherence to evidence-based practices by the care team and patient. Physicians must accept practice accountability for quality improvement through participation in performance measurement. Information technology is a key component of the model to support evidence-based practice benchmarks and resulting in monitored, coordinated and integrated care through electronic medical records.

In terms of expected savings, the literature at the national level is mixed. In general, the literature says that the higher the health care acuity, which is generally the case in West Virginia, the more the opportunity to achieve meaningful cost savings. Disease management programs routinely pay off initial and ongoing investments at ratios of between 1.5:1 to as much as 5:1. Estimated costs will depend on the reimbursement of primary care physicians and the strength of the model. Savings will depend on reduction of hospital utilization, emergency department utilization, specialists, imaging, and other services. Some analyses have suggested that it would be attainable to reduce inpatient and physician utilization up to 30%.

For the purposes of this scenario, we are assuming that there would be state wide implementation of the program, with only those individuals without health insurance not impacted. This scenario will require physician implementation of technology and education of the medical

home model. We have assumed that 1,800 physicians will elect to serve as a medical home and that the program will subsidize initial costs at \$25,000 per physician. In addition, we are assuming the program will pay physicians \$20 PMPM for all West Virginians with health insurance. Using these figures, the breakeven point for this program would be at a 5.5% reduction in health care as shown below:

Initial costs	\$45,000,000
Ongoing physician reimbursement	\$368,200,000

Realistically, with the high prevalence of obesity, diabetes, and cardiovascular conditions in the West Virginia population, we project that the savings will be at least 8% based on literature and PEIA's experience with respect to disease management. This scenario assumes 8% savings beginning in 2011.

The charts below summarize savings in allowed claims. The chart is split between insurance groups and payor source, and a positive number represents a savings, while a negative number represents a cost incurred by the program. We have assumed that provider reimbursements have stayed the same within each insurance category.

Increase in Allowed Claims by Insurance Category (in \$millions)		
<u>Insurance Category</u>	<u>2014</u>	<u>2019</u>
PEIA Non-Medicare	-\$28.7	-\$83.6
WV CHIP	-2.3	-6.8
Medicaid Non-Duals	-77.9	-223.3
Commercially Insured	-189.0	-565.5
Uninsured	-151.0	-445.0
PEIA Medicare	-26.0	-86.4
Medicare & Medicaid Duals	-63.9	-201.4
<u>Medicare Non-Medicaid/PEIA</u>	<u>-103.8</u>	<u>-339.3</u>
West Virginia	-\$642.6	-\$1,951.3

Increase in Allowed Claims by Payor Source (in \$millions)		
<u>Payor</u>	<u>2014</u>	<u>2019</u>
Federal	-\$199.3	-\$617.7
State	-57.3	-170.3
Charity Care	-42.1	-123.7
Insurer	-173.2	-523.6
<u>Policy Holder</u>	<u>-170.6</u>	<u>-516.0</u>
West Virginia	-\$642.6	-\$1,951.3

Initiative V – E-Prescribing

Both Initiative V and Initiative VI are focused on the development and improvement of health information technology. Health information technology was allocated \$19 billion as part of the Economic Stimulus Package. According to House Ways and Means, health information technology funding included in the stimulus package will be used to establish standards, payment incentives and privacy protections to encourage the widespread adoption of health care information technology. The office of the National Coordinator for Health Information Technology will receive \$2 billion in immediate, discretionary funding.

Health information technology will allow comprehensive management of medical information and its secure exchange between health care consumers and providers. Broad use of health information technology will:

- Improve health care quality;
- Prevent medical errors;
- Reduce health care costs;
- Increase administrative efficiencies;
- Decrease paperwork; and
- Expand access to affordable care.

Health care experts say electronic medical records will make medicine safer, more efficient, and more cost effective, and three quarters of the public support the concept. Many health care providers and financiers see this as their opportunity to make the much needed technology investments that they may have been putting off for some time. The Congressional Budget Office has expressed skepticism in several papers involving the analysis of expected cost savings with respect to health information and technology. Specifically, the CBO noted, "By itself, the adoption of more health IT is generally not sufficient to produce significant cost savings."

The WWHCA asked CCRC Actuaries to evaluate the estimated costs and potential savings of a statewide e-prescribing pilot project of between 400 and 500 prescribers and 100 pharmacies with phased-in statewide implementation of e-prescribing to all prescribers and pharmacies within the State. Projection shall include potential savings for implementation e-prescribing statewide.

Several actuarial issues and considerations need to be taken into account when projecting and evaluating potential savings after implementation of e-prescribing. These include measures designed to cut costs as well as those likely to enhance drug treatment compliance. This approach leads to improved health outcomes. Our analysis is based on a review of the following issues:

1. **Increase in Generic Utilization and Formulary Compliance**

Currently, physicians have difficulty knowing the formulary for any individual patient's prescription drug plan. Physician practices can involve a multitude of different prescription drug plans with different formularies. The potential for higher cost savings resulting from the transfer of prescriptions to medically effective generics is well known. Under e-prescribing, the physician will have immediate access to available generic substitutions. E-prescribing can result in the physician's immediate access to the formulary, which in addition to saving ingredient cost, could also result in savings for patients by achieving a greater degree of formulary compliance. More importantly, this system will result in the physician to focus on medical care rather than details of each benefit plan.

2. **Avoidance of Adverse Drug Events ("ADE")**

Under e-prescribing, the process of screening potential adverse reactions from the interactions of multiple drugs can become less complex. A potential problem will be noted in the system at the time of the prescription, avoiding potentially dangerous and expensive health care results. A one-year pilot program consisting of 500 physicians conducted by CareFirst Blue Cross and Blue Shield of Maryland found that e-prescribing resulted in the avoidance of 540 potential ADEs with an estimated savings of \$624,000.

3. **Dose Optimization**

Currently, physicians are generally well aware of dose ranges that are based on other prescriptions, diagnosis and body weight, as well as other factors. Due to the enormity of prescription choices, they are not necessarily aware of the specifics within them and so, for the sake of time, rather than prescribing the optimal dose, they prescribe what is clearly a safe dose. E-prescribing will allow the physician access to these calculations almost instantly. Another potential cost-savings to

the benefit plan and the patient is that drug costs vary by dose size and economies of scale can result from the information which will be available through the system.

4. **Prescription Compliance**

Most studies of patients have found that only about 50% of drug treatments comply with the physician prescription. E-prescribing has the potential to identify when patients are not filling their prescriptions as originally prescribed. The identification of these patients can potentially result in improved health outcomes and a reduction in cost to the system.

In terms of developing the potential cost of developing the pilot program, there are several key factors, including the availability of grant money to subsidize the program. The acceptance and participation of physicians will impact potential program savings. In terms of potential savings, it will depend on which physicians are targeted. Physicians who currently have low generic fill rates and low formulary compliance represent the part of the market with the most potential savings. Targeting physicians who have the most potential for changing patient prescriptions to medically-acceptable, lower cost alternatives will produce much greater savings than implementing a study on a voluntary basis.

E-prescribing Cost Saving Studies

According to a recent study conducted by Michael A. Fischer, MD, MS, et al, entitled "Effect of Electronic Prescribing with Formulary Decision Support on Medication Use and Cost," and published in the 12/08 *Annals of Internal Medicine*, e-prescribing with formulary decision support correlated to a 3.3% increase in generic-name prescriptions and a corresponding decrease in prescriptions for preferred and non-preferred brand-name medications. Consequently, e-prescribing resulted in a savings of \$845,000 per 100,000 patients. The study concluded that, when e-prescribing with formulary decision support is fully utilized, the projected medication savings are \$3.9 million per 100,000 patients per year due to an increased volume of generic-name prescriptions by e-prescribers.

According to a study by Express Scripts, consumers in the United States could have saved \$20 billion in 2004 by using generic drugs, which is approximately the amount community hospitals spend each year on uncompensated care for the uninsured. Express Scripts' 2004 Generic Drug Usage Report, released in October 2005, was based on a

random sample of about three million people and examined six drug categories used to treat common conditions such as depression, high blood pressure, inflammation, stomach ulcers, and high cholesterol.

Medco Health Solutions found that physicians using e-prescribing increased their generic substitution rates by more than 15 percent, their generic dispensing rates by more than 8 percent, and formulary compliance by 3.4 percent within the first six months of implementation.

A study published in the *Journal of Managed Care Pharmacy* found that primary care physicians using e-prescribing were able to reduce their prescription drug costs by 5.3 percent over a one-year period.

In the largest study of ambulatory e-prescribing to date, Cap Gemini Ernst & Young in 2000 analyzed nearly 700,000 records from more than 1,200 physicians and found that e-prescribers using Allscripts' software of Chicago, increased their generic fill rate by nearly 12% (up from 43% to 55.5%). The study also revealed a savings of up to \$3.20 per prescription for e-prescribers using Allscripts' software.

Assumptions and Results

Based on the range of the studies, we have assumed that e-prescribing implementation statewide in West Virginia will result in a 5% reduction in pharmaceutical costs. In addition, we are assuming that there will be a 2% savings due to the reduction in adverse drug events in hospitalization and a 2% savings in physician services.

The charts below summarize savings in allowed claims. The chart is split between insurance groups and payor source, and a positive number represents a savings, while a negative number represents a cost incurred by the program. We have assumed that provider reimbursements have stayed the same within each insurance category.

Increase in Allowed Claims by Insurance Category (in \$millions)		
<u>Insurance Category</u>	<u>2014</u>	<u>2019</u>
PEIA Non-Medicare	-\$7.7	-\$22.8
WV CHIP	-0.6	-1.8
Medicaid Non-Duals	-24.1	-69.9
Commercially Insured	-50.8	-153.8
Uninsured	-31.8	-95.0
PEIA Medicare	-6.8	-23.0
Medicare & Medicaid Duals	-15.7	-49.5
<u>Medicare Non-Medicaid/PEIA</u>	<u>-26.6</u>	<u>-88.0</u>
West Virginia	-\$164.0	-\$503.8

Increase in Allowed Claims by Payor Source (in \$millions)		
<u>Payor</u>	<u>2014</u>	<u>2019</u>
Federal	-\$53.8	-\$168.2
State	-16.0	-48.0
Charity Care	-6.8	-20.2
Insurer	-45.6	-139.6
<u>Policy Holder</u>	<u>-41.9</u>	<u>-127.8</u>
West Virginia	-\$164.0	-\$503.8

Initiative VI – Health Information Technology

The HCA asked CCRC Actuaries to evaluate the estimated costs and potential savings of a State-wide electronic medical records (“EMR”) pilot project of between 400 and 500 physicians and 15 hospitals with phased-in state-wide implementation of electronic medical records to all physicians and hospitals.

Managing health care information and using it productively is the current challenge of the complex health care industry. Nationally, through 2006, 12 percent of physicians and 11 percent of hospitals have already adopted health informational technology. EMRs can allow providers to deliver health care more efficiently and at a higher quality. For example, they can:

- Eliminate the use of medical transcription
- Eliminate the need for manual medical charts
- Prompt providers of less expensive pharmaceutical choices
- Reduce redundant testing
- Prompt providers about preventive care.
- Identify possible adverse drug combinations
- Help physicians manage patients with multiple complex conditions.

Two studies, one by the Rand Corporation and one by the Center for Information Technology Leadership, have estimated that EMRs could result in \$80 billion in annual savings. This represents about 6% of total health care expenditures, but the CBO projects the realized savings to be less. Much of the estimated savings are based on the elimination of redundant diagnostic testing. Redundant diagnostic testing is generally thought to be about 9% of total diagnostic tests and projected savings from EMRs generally hinge on what percent of these tests would be eliminated.

In addition, since medical errors can lead to the use of additional health care services, it is thought that EMRs that successfully reduce error will result in lower hospital and physician expenditures. One study found that 1.4% of hospital admissions were caused by adverse drug events.

Implementing a health information technology system involves significant expenditures including the initial fixed cost of the hardware and software of the system, licensing fees and the expense of maintaining the system. Estimated costs range from initial costs of

\$25,000 to \$45,000, but appear to be steeply declining. In addition, annual costs range from \$3,000 to \$9,000 and also declining with time.

In terms of adopting this scenario, we modeled the expected savings assuming state wide implementation of EMRs and we have assumed that the savings will approximate 4% of current costs.

The charts below summarize savings in allowed claims. The chart is split between insurance groups and payor source, and a positive number represents a savings, while a negative number represents a cost incurred by the program. We have assumed that provider reimbursements have stayed the same within each insurance category.

Increase in Allowed Claims by Insurance Category (in \$millions)		
<u>Insurance Category</u>	<u>2014</u>	<u>2019</u>
PEIA Non-Medicare	-\$14.2	-\$41.8
WV CHIP	-1.1	-3.4
Medicaid Non-Duals	-38.5	-111.7
Commercially Insured	-93.4	-282.8
Uninsured	-74.6	-222.5
PEIA Medicare	-12.9	-43.2
Medicare & Medicaid Duals	-31.6	-100.7
<u>Medicare Non-Medicaid/PEIA</u>	<u>-51.3</u>	<u>-169.6</u>
West Virginia	-\$317.6	-\$975.6

Increase in Allowed Claims by Payor Source (in \$millions)		
<u>Payor</u>	<u>2014</u>	<u>2019</u>
Federal	-\$98.5	-\$308.9
State	-28.3	-85.1
Charity Care	-20.8	-61.9
Insurer	-85.6	-261.8
<u>Policy Holder</u>	<u>-84.3</u>	<u>-258.0</u>
West Virginia	-\$317.6	-\$975.6

References

Acs, Gregory and Austin Nichols, *Low-Income Workers and Their Employers: Characteristics and Challenges*, Table 2, The Urban Institute, 2008.

Blumberg, L and J. Holahan, *Do Individuals Matter?*, The Urban Institute, January 2008.

Congressional Budget Office, *Evidence on the Costs and Benefits of Health Information Technology*, May 2008.

Congressional Budget Office, *Budget Options, Volume I: Health Care*, December 2008.

DeNavas-Walt, Carmen et al, "Income, Poverty, and Health Insurance Coverage in the United States: 2006," *Current Population Reports*, U.S. Census Bureau, August 2007.

Fischer, Michael A. et al, "Effect of Electronic Prescribing with Formulary Decision Support on Medication Use and Cost," *Annals of Internal Medicine*, Vol. 168 (No. 22) December 8/22, 2008.

Glied, S et al, "Consider It Done? The Likely Efficacy of Mandates for Health Insurance?," *Health Affairs*, Vol. 26 (No. 6), pp. 1612-1621, November/December 2007.

Kibble, David and Steven Waldren, *Partners for Patients Electronic Health Record Market Survey*, 2005.

Leawood, Kan.: American Academy of Family Physicians and Center for Health Information Exchange.

McCaughey, Betsy, "The Truth About Mandatory Health Insurance," *Wall Street Journal*, January 4, 2008.

Miller, Robert H. et al, "The Value of Electronic Health Records in Solo or Small Group Practices," *Health Affairs*, Vol. 24 (No. 5), pp. 1127-1137, September/October 2005.

Morrow, Craig and Michael Coleman, "The Role of eRx in Lowering Physician Drug Expenses," Southwest Medical Associates, 2006.

Schoen, Cathy et al, "Bending the Curve: Options for Achieving Savings and Improving Value in U.S. Health Spending," The Commonwealth Fund, December 2007.

United States Bureau of Labor Statistics, *The Employment Situation: December 2008*, December 2008.

United States Bureau of Labor Statistics, *Frequently Asked Questions from the Current Population Survey*, May 2007.

United States Census Bureau, Population Division, "Methodology Summary," *Interim Population Projections for States by Age and Sex: 2004 to 2030*, March 2004.

Wang, Samuel J. et al, "A Cost-Benefit Analysis of Electronic Medical Records in Primary Care," *American Journal of Medicine*, Vol. 114 (No. 5), pp. 397-403, April 1, 2003.

West Virginia Health Care Authority, *2008 Annual Report*, 2008.

West Virginia University Institute for Health Policy Research, "Assessing Changes in Health care in West Virginia from 2001 to 2007: The Non-Elderly Adult Report", June 2008.

Appendix A

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Appendix A

2009 Population Distribution									
Females	PEIA	West Virginia	Medicaid	Commercially		PEIA	Medicare and Medicare Non-		Total Population
	Non-Medicare	CHIP	Non-Duals	Insured	Uninsured	Medicare	Medicaid	Duals/Medicaid/PEIA	
0 - 4	3,295	1,640	28,053	15,404	1,582	0	6	489	50,469
5 - 9	4,453	3,476	20,952	19,581	4,029	0	2	666	53,159
10 - 14	5,541	3,934	18,960	18,114	5,306	0	6	232	52,093
15 - 19	6,658	3,196	15,326	15,829	13,039	0	143	225	54,416
20 - 24	4,521	0	13,845	14,172	17,410	4	101	55	50,107
25 - 29	3,920	0	12,755	25,327	12,952	1	434	701	56,090
30 - 34	5,150	0	11,154	31,415	8,923	6	547	740	57,935
35 - 39	6,458	0	10,096	31,289	11,070	18	562	407	59,899
40 - 44	7,233	0	9,704	29,872	12,354	40	850	400	60,452
45 - 49	9,707	0	9,908	30,078	16,867	64	1,331	858	68,814
50 - 54	12,817	0	8,886	36,999	11,691	200	1,575	1,719	73,887
55 - 59	13,347	0	7,903	33,882	9,096	507	1,969	3,233	69,936
60 - 64	9,028	0	5,338	27,131	9,212	1,226	3,019	3,928	58,881
65 - 69	1,214	0	21	11,862	2,914	5,412	5,771	17,678	44,872
70 - 74	321	0	10	9,611	2,180	4,687	4,650	16,451	37,909
75 - 79	87	0	7	7,560	1,576	4,213	4,090	13,800	31,333
80 - 84	26	0	4	7,502	326	3,209	4,032	10,706	25,804
85+	4	0	5	7,863	240	3,018	5,288	11,092	27,510
Total	93,780	12,246	172,927	373,487	140,765	22,605	34,377	83,381	933,566
Avg Age	39.3	10.5	24.2	41.2	37.5	74.2	69.0	71.3	41.4
Males	PEIA	West Virginia	Medicaid	Commercially		PEIA	Medicare and Medicare Non-		Total Population
	Non-Medicare	CHIP	Non-Duals	Insured	Uninsured	Medicare	Medicaid	Duals/Medicaid/PEIA	
0 - 4	3,421	1,642	29,853	12,999	3,590	0	9	649	52,164
5 - 9	4,736	3,486	22,092	20,801	3,142	0	7	697	54,961
10 - 14	5,897	3,898	20,133	22,208	2,720	0	8	519	55,383
15 - 19	7,143	3,209	12,887	26,588	6,362	0	213	653	57,055
20 - 24	4,161	0	6,557	28,260	13,330	2	84	83	52,477
25 - 29	2,925	0	8,353	19,995	27,035	4	655	484	59,449
30 - 34	4,167	0	7,663	29,387	17,551	6	736	325	59,836
35 - 39	5,155	0	7,178	36,566	10,895	12	940	282	61,028
40 - 44	5,789	0	7,928	22,786	18,360	38	2,269	2,803	59,972
45 - 49	7,328	0	7,796	31,808	13,078	66	2,119	2,559	64,754
50 - 54	9,554	0	7,314	38,414	10,210	180	1,678	2,780	70,130
55 - 59	10,665	0	6,296	36,082	8,706	433	1,414	4,174	67,770
60 - 64	8,036	0	4,095	27,358	6,163	1,053	2,101	8,893	57,700
65 - 69	1,770	0	15	9,657	1,365	3,971	3,802	20,052	40,631
70 - 74	569	0	10	8,009	1,024	3,479	2,625	15,276	30,993
75 - 79	172	0	8	5,785	742	2,765	1,751	11,170	22,393
80 - 84	50	0	6	4,457	588	1,815	1,235	8,005	16,155
85+	6	0	2	3,237	640	1,354	1,095	5,787	12,121
Total	81,544	12,234	148,186	384,397	145,499	15,180	22,741	85,191	894,972
Avg Age	38.0	10.5	21.9	38.7	36.3	72.7	59.4	67.0	38.9
Total	PEIA	West Virginia	Medicaid	Commercially		PEIA	Medicare and Medicare Non-		Total Population
	Non-Medicare	CHIP	Non-Duals	Insured	Uninsured	Medicare	Medicaid	Duals/Medicaid/PEIA	
0 - 4	6,716	3,282	57,906	28,403	5,172	0	16	1,138	102,633
5 - 9	9,190	6,962	43,044	40,381	7,171	0	9	1,363	108,120
10 - 14	11,438	7,832	39,094	40,322	8,026	0	14	751	107,476
15 - 19	13,801	6,404	28,213	42,417	19,401	0	356	879	111,471
20 - 24	8,681	0	20,402	42,432	30,740	6	185	138	102,584
25 - 29	6,845	0	21,107	45,322	39,988	5	1,088	1,185	115,539
30 - 34	9,317	0	18,818	60,801	26,474	12	1,283	1,066	117,771
35 - 39	11,613	0	17,274	67,855	21,964	29	1,501	689	120,927
40 - 44	13,022	0	17,632	52,657	30,713	78	3,119	3,203	120,424
45 - 49	17,036	0	17,704	61,886	29,945	130	3,450	3,417	133,568
50 - 54	22,371	0	16,200	75,413	21,901	381	3,254	4,499	144,017
55 - 59	24,012	0	14,199	69,964	17,802	940	3,383	7,406	137,706
60 - 64	17,064	0	9,433	54,489	15,375	2,279	5,120	12,821	116,581
65 - 69	2,984	0	36	21,519	4,279	9,383	9,573	37,730	85,503
70 - 74	891	0	20	17,620	3,203	8,167	7,276	31,726	68,902
75 - 79	259	0	14	13,344	2,318	6,979	5,841	24,971	53,726
80 - 84	75	0	10	11,959	914	5,024	5,267	18,711	41,959
85+	10	0	8	11,100	879	4,373	6,383	16,879	39,631
Total	175,324	24,480	321,113	757,884	286,264	37,784	57,118	168,571	1,828,538
Avg Age	38.7	10.5	23.2	39.9	36.9	73.6	65.2	69.1	40.2

Appendix A

PEIA Non-Medicare											
Females	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	3,295	3,244	3,197	3,153	3,109	3,068	3,030	2,992	2,954	2,920	2,888
5 - 9	4,453	4,467	4,462	4,444	4,393	4,325	4,257	4,192	4,129	4,069	4,013
10 - 14	5,541	5,571	5,597	5,645	5,719	5,766	5,780	5,769	5,742	5,673	5,583
15 - 19	6,658	6,513	6,376	6,242	6,168	6,158	6,184	6,203	6,250	6,321	6,362
20 - 24	4,521	4,530	4,544	4,553	4,525	4,462	4,354	4,251	4,151	4,094	4,082
25 - 29	3,920	3,751	3,600	3,479	3,382	3,347	3,348	3,355	3,358	3,335	3,284
30 - 34	5,150	5,268	5,367	5,365	5,283	5,104	4,881	4,680	4,518	4,388	4,336
35 - 39	6,458	6,369	6,231	6,185	6,238	6,379	6,516	6,629	6,617	6,508	6,282
40 - 44	7,233	7,185	7,266	7,327	7,333	7,250	7,148	6,994	6,940	6,996	7,149
45 - 49	9,707	9,508	9,240	9,005	8,786	8,614	8,554	8,645	8,712	8,715	8,613
50 - 54	12,817	12,766	12,670	12,460	12,223	12,005	11,753	11,421	11,126	10,852	10,636
55 - 59	13,347	13,516	13,660	13,777	13,842	13,878	13,816	13,703	13,468	13,204	12,962
60 - 64	9,028	9,550	9,991	10,111	10,223	10,322	10,450	10,556	10,643	10,687	10,709
65 - 69	1,214	1,234	1,264	1,345	1,418	1,499	1,585	1,657	1,678	1,697	1,713
70 - 74	321	321	324	330	339	345	351	360	383	404	427
75 - 79	87	87	86	87	88	89	89	90	92	95	96
80 - 84	26	25	25	25	24	24	24	24	24	24	25
85+	<u>4</u>	<u>4</u>	<u>4</u>	<u>4</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>
Total	93,780	93,911	93,907	93,536	93,098	92,640	92,124	91,524	90,788	89,986	89,165
Avg Age	39.3	39.5	39.7	39.8	39.8	39.9	40.0	40.0	40.1	40.1	40.1
Males	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	3,421	3,373	3,327	3,284	3,244	3,205	3,168	3,131	3,097	3,065	3,037
5 - 9	4,736	4,754	4,756	4,743	4,697	4,630	4,564	4,499	4,437	4,378	4,322
10 - 14	5,897	5,874	5,878	5,897	5,950	6,015	6,034	6,033	6,013	5,951	5,866
15 - 19	7,143	7,035	6,907	6,785	6,692	6,617	6,585	6,580	6,593	6,640	6,703
20 - 24	4,161	4,147	4,140	4,144	4,127	4,086	4,015	3,931	3,853	3,791	3,740
25 - 29	2,925	2,811	2,704	2,615	2,538	2,500	2,487	2,479	2,478	2,465	2,438
30 - 34	4,167	4,292	4,404	4,415	4,369	4,251	4,083	3,923	3,790	3,674	3,614
35 - 39	5,155	5,099	5,008	5,009	5,082	5,211	5,358	5,488	5,494	5,431	5,281
40 - 44	5,789	5,790	5,875	5,948	5,968	5,928	5,861	5,759	5,759	5,841	5,985
45 - 49	7,328	7,208	7,092	6,971	6,877	6,805	6,804	6,901	6,981	7,003	6,956
50 - 54	9,554	9,465	9,325	9,127	8,892	8,758	8,613	8,475	8,329	8,215	8,128
55 - 59	10,665	10,736	10,772	10,803	10,857	10,796	10,694	10,533	10,308	10,040	9,885
60 - 64	8,036	8,490	8,843	8,908	8,936	8,983	9,040	9,066	9,090	9,133	9,077
65 - 69	1,770	1,816	1,874	2,012	2,135	2,257	2,382	2,478	2,496	2,504	2,517
70 - 74	569	573	583	600	619	634	651	672	722	768	812
75 - 79	172	173	175	177	182	187	188	192	198	204	210
80 - 84	50	49	49	48	46	46	47	47	48	49	51
85+	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>
Total	81,544	81,692	81,719	81,490	81,218	80,916	80,579	80,193	79,693	79,161	78,627
Avg Age	38.0	38.1	38.3	38.4	38.5	38.6	38.7	38.7	38.8	38.8	38.9
Total	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	6,716	6,618	6,525	6,437	6,353	6,273	6,198	6,123	6,051	5,985	5,925
5 - 9	9,190	9,222	9,218	9,187	9,090	8,955	8,820	8,690	8,566	8,447	8,334
10 - 14	11,438	11,445	11,474	11,543	11,669	11,781	11,814	11,802	11,756	11,625	11,449
15 - 19	13,801	13,548	13,283	13,026	12,860	12,775	12,768	12,783	12,843	12,961	13,064
20 - 24	8,681	8,677	8,685	8,696	8,652	8,548	8,368	8,183	8,004	7,885	7,822
25 - 29	6,845	6,562	6,303	6,094	5,920	5,847	5,835	5,834	5,836	5,800	5,723
30 - 34	9,317	9,560	9,772	9,780	9,652	9,355	8,963	8,602	8,308	8,061	7,950
35 - 39	11,613	11,467	11,239	11,193	11,320	11,590	11,874	12,117	12,111	11,939	11,563
40 - 44	13,022	12,975	13,142	13,275	13,300	13,178	13,009	12,752	12,698	12,837	13,134
45 - 49	17,036	16,715	16,332	15,976	15,663	15,419	15,358	15,545	15,693	15,719	15,569
50 - 54	22,371	22,231	21,995	21,587	21,115	20,763	20,367	19,896	19,455	19,067	18,764
55 - 59	24,012	24,252	24,432	24,579	24,700	24,675	24,510	24,236	23,776	23,244	22,847
60 - 64	17,064	18,040	18,835	19,019	19,159	19,305	19,490	19,623	19,733	19,820	19,786
65 - 69	2,984	3,050	3,138	3,357	3,554	3,756	3,967	4,136	4,174	4,200	4,229
70 - 74	891	895	907	930	958	980	1,002	1,032	1,105	1,172	1,239
75 - 79	259	260	261	263	270	276	277	282	290	299	306
80 - 84	75	75	74	72	71	70	70	71	72	74	76
85+	<u>10</u>	<u>10</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>12</u>	<u>12</u>	<u>12</u>
Total	175,324	175,603	175,626	175,026	174,315	173,557	172,703	171,717	170,481	169,147	167,792
Avg Age	38.7	38.9	39.0	39.1	39.2	39.3	39.4	39.4	39.5	39.5	39.5

Appendix A

Medicaid - Non-Dual Eligible

Females	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	28,053	27,624	27,223	26,842	26,472	26,123	25,799	25,471	25,150	24,860	24,593
5 - 9	20,952	21,018	20,993	20,906	20,668	20,347	20,027	19,720	19,427	19,146	18,878
10 - 14	18,960	19,062	19,150	19,317	19,568	19,729	19,776	19,740	19,648	19,412	19,103
15 - 19	15,326	14,993	14,676	14,368	14,197	14,175	14,233	14,279	14,385	14,549	14,643
20 - 24	13,845	13,874	13,918	13,944	13,859	13,666	13,334	13,021	12,714	12,538	12,503
25 - 29	12,755	12,205	11,713	11,321	11,005	10,891	10,894	10,917	10,926	10,851	10,687
30 - 34	11,154	11,410	11,624	11,620	11,442	11,054	10,570	10,135	9,785	9,503	9,392
35 - 39	10,096	9,957	9,742	9,669	9,753	9,974	10,188	10,363	10,344	10,174	9,822
40 - 44	9,704	9,639	9,748	9,830	9,837	9,726	9,590	9,383	9,310	9,385	9,591
45 - 49	9,908	9,704	9,431	9,191	8,968	8,792	8,731	8,823	8,892	8,895	8,791
50 - 54	8,886	8,851	8,784	8,639	8,475	8,324	8,149	7,918	7,714	7,524	7,374
55 - 59	7,903	8,004	8,089	8,158	8,197	8,218	8,181	8,114	7,975	7,819	7,676
60 - 64	5,338	5,647	5,908	5,978	6,045	6,104	6,179	6,242	6,293	6,319	6,332
65 - 69	21	21	22	23	25	26	27	29	29	29	30
70 - 74	10	10	10	10	10	10	10	11	11	12	13
75 - 79	7	7	7	7	7	7	7	7	7	7	7
80 - 84	4	4	4	4	4	4	4	4	4	4	4
85+	<u>5</u>	<u>5</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>
Total	172,927	172,036	171,050	169,832	168,536	167,174	165,705	164,183	162,622	161,034	159,444
Avg Age	24.2	24.3	24.4	24.4	24.5	24.5	24.5	24.6	24.6	24.6	24.6
Males	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	29,853	29,437	29,038	28,661	28,305	27,965	27,644	27,326	27,024	26,746	26,502
5 - 9	22,092	22,175	22,185	22,124	21,906	21,596	21,286	20,984	20,695	20,420	20,157
10 - 14	20,133	20,057	20,068	20,136	20,314	20,538	20,602	20,598	20,532	20,321	20,029
15 - 19	12,887	12,693	12,462	12,241	12,074	11,939	11,880	11,871	11,896	11,981	12,093
20 - 24	6,557	6,536	6,525	6,530	6,504	6,439	6,327	6,196	6,072	5,975	5,894
25 - 29	8,353	8,028	7,721	7,469	7,249	7,140	7,102	7,079	7,076	7,041	6,963
30 - 34	7,663	7,893	8,099	8,119	8,035	7,818	7,508	7,214	6,969	6,755	6,645
35 - 39	7,178	7,099	6,973	6,974	7,076	7,255	7,460	7,641	7,650	7,563	7,352
40 - 44	7,928	7,929	8,046	8,145	8,173	8,118	8,027	7,886	7,887	8,000	8,196
45 - 49	7,796	7,667	7,545	7,415	7,315	7,239	7,238	7,341	7,426	7,450	7,400
50 - 54	7,314	7,245	7,138	6,986	6,807	6,704	6,593	6,488	6,376	6,288	6,222
55 - 59	6,296	6,338	6,359	6,377	6,409	6,373	6,313	6,218	6,085	5,927	5,835
60 - 64	4,095	4,326	4,506	4,539	4,554	4,577	4,606	4,620	4,632	4,654	4,625
65 - 69	15	15	15	17	18	19	20	20	21	21	21
70 - 74	10	10	11	11	11	12	12	12	13	14	15
75 - 79	8	8	8	8	8	8	9	9	9	9	9
80 - 84	6	6	6	5	5	5	5	5	5	6	6
85+	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>
Total	148,186	147,466	146,707	145,760	144,766	143,751	142,635	141,510	140,371	139,172	137,969
Avg Age	21.9	22.0	22.1	22.1	22.2	22.2	22.2	22.3	22.3	22.3	22.3
Total	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	57,906	57,062	56,261	55,503	54,777	54,088	53,442	52,797	52,174	51,606	51,095
5 - 9	43,044	43,194	43,178	43,030	42,574	41,944	41,313	40,704	40,121	39,565	39,035
10 - 14	39,094	39,119	39,219	39,452	39,882	40,268	40,378	40,338	40,180	39,733	39,133
15 - 19	28,213	27,686	27,139	26,609	26,271	26,114	26,114	26,150	26,282	26,530	26,737
20 - 24	20,402	20,410	20,443	20,474	20,363	20,105	19,661	19,216	18,786	18,513	18,397
25 - 29	21,107	20,233	19,434	18,789	18,254	18,032	17,996	17,995	18,002	17,891	17,650
30 - 34	18,818	19,302	19,724	19,739	19,476	18,872	18,078	17,349	16,755	16,259	16,037
35 - 39	17,274	17,056	16,715	16,643	16,829	17,229	17,648	18,005	17,995	17,737	17,174
40 - 44	17,632	17,568	17,794	17,975	18,010	17,844	17,617	17,269	17,196	17,385	17,787
45 - 49	17,704	17,372	16,976	16,607	16,283	16,031	15,969	16,164	16,318	16,346	16,191
50 - 54	16,200	16,097	15,923	15,626	15,281	15,028	14,742	14,406	14,090	13,813	13,596
55 - 59	14,199	14,341	14,448	14,535	14,606	14,592	14,494	14,332	14,060	13,746	13,511
60 - 64	9,433	9,973	10,414	10,518	10,598	10,681	10,785	10,862	10,925	10,973	10,957
65 - 69	36	36	37	40	42	45	47	49	50	50	50
70 - 74	20	20	20	21	21	22	22	23	24	26	27
75 - 79	14	14	14	15	15	15	15	15	16	16	17
80 - 84	10	10	10	10	9	9	9	9	10	10	10
85+	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>
Total	321,113	319,502	317,757	315,592	313,301	310,925	308,340	305,694	302,993	300,207	297,413
Avg Age	23.2	23.3	23.4	23.4	23.4	23.4	23.5	23.5	23.5	23.5	23.5

Appendix A

Medicare and Medicaid Dual Eligibles											
Females	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	6	6	6	6	6	6	6	6	6	6	5
5 - 9	2	2	2	2	2	2	2	2	2	2	2
10 - 14	6	6	6	6	6	6	6	6	6	6	6
15 - 19	143	140	137	134	133	133	133	134	135	136	137
20 - 24	101	101	101	101	101	99	97	95	92	91	91
25 - 29	434	415	398	385	374	370	370	371	372	369	363
30 - 34	547	559	570	569	561	542	518	497	479	466	460
35 - 39	562	554	542	538	542	555	567	576	575	566	546
40 - 44	850	845	854	861	862	852	840	822	816	822	840
45 - 49	1,331	1,304	1,267	1,235	1,205	1,181	1,173	1,186	1,195	1,195	1,181
50 - 54	1,575	1,569	1,557	1,532	1,502	1,476	1,445	1,404	1,368	1,334	1,307
55 - 59	1,969	1,994	2,015	2,032	2,042	2,047	2,038	2,021	1,987	1,948	1,912
60 - 64	3,019	3,194	3,341	3,381	3,418	3,452	3,495	3,530	3,559	3,574	3,581
65 - 69	5,771	5,863	6,009	6,394	6,741	7,125	7,534	7,877	7,973	8,064	8,140
70 - 74	4,650	4,650	4,684	4,777	4,908	4,995	5,076	5,204	5,542	5,847	6,183
75 - 79	4,090	4,073	4,068	4,082	4,134	4,199	4,205	4,240	4,332	4,458	4,540
80 - 84	4,032	4,008	3,962	3,903	3,829	3,755	3,753	3,760	3,784	3,845	3,915
85+	<u>5,288</u>	<u>5,387</u>	<u>5,471</u>	<u>5,545</u>	<u>5,620</u>	<u>5,676</u>	<u>5,725</u>	<u>5,744</u>	<u>5,750</u>	<u>5,746</u>	<u>5,732</u>
Total	34,377	34,670	34,991	35,485	35,986	36,471	36,983	37,475	37,973	38,473	38,944
Avg Age	69.0	69.0	69.1	69.1	69.2	69.2	69.3	69.3	69.4	69.5	69.6
Males	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	9	9	9	9	9	9	9	9	9	8	8
5 - 9	7	7	7	7	7	7	7	7	7	7	7
10 - 14	8	8	8	8	8	8	8	8	8	8	8
15 - 19	213	209	206	202	199	197	196	196	196	198	200
20 - 24	84	84	84	84	83	83	81	79	78	77	76
25 - 29	655	629	605	585	568	560	557	555	555	552	546
30 - 34	736	758	778	780	772	751	721	693	670	649	639
35 - 39	940	929	913	913	926	950	977	1,000	1,001	990	962
40 - 44	2,269	2,269	2,303	2,331	2,339	2,323	2,297	2,257	2,257	2,290	2,346
45 - 49	2,119	2,084	2,051	2,016	1,988	1,968	1,968	1,995	2,019	2,025	2,012
50 - 54	1,678	1,663	1,638	1,603	1,562	1,538	1,513	1,489	1,463	1,443	1,428
55 - 59	1,414	1,423	1,428	1,432	1,439	1,431	1,418	1,396	1,367	1,331	1,311
60 - 64	2,101	2,220	2,312	2,329	2,337	2,349	2,364	2,371	2,377	2,388	2,373
65 - 69	3,802	3,900	4,025	4,321	4,587	4,847	5,116	5,323	5,361	5,377	5,405
70 - 74	2,625	2,643	2,690	2,766	2,855	2,926	3,002	3,098	3,331	3,540	3,744
75 - 79	1,751	1,764	1,778	1,799	1,852	1,899	1,916	1,953	2,011	2,080	2,135
80 - 84	1,235	1,226	1,211	1,185	1,156	1,148	1,163	1,176	1,194	1,233	1,267
85+	<u>1,095</u>	<u>1,133</u>	<u>1,165</u>	<u>1,200</u>	<u>1,232</u>	<u>1,247</u>	<u>1,263</u>	<u>1,271</u>	<u>1,275</u>	<u>1,276</u>	<u>1,283</u>
Total	22,741	22,960	23,210	23,571	23,919	24,241	24,573	24,876	25,178	25,472	25,748
Avg Age	59.4	59.6	59.7	60.0	60.2	60.4	60.6	60.8	61.0	61.2	61.3
Total	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	16	15	15	15	15	15	14	14	14	14	14
5 - 9	9	9	9	9	9	9	9	9	9	9	9
10 - 14	14	14	14	14	14	14	14	14	14	14	14
15 - 19	356	350	343	336	332	330	329	329	331	334	337
20 - 24	185	185	185	185	184	182	178	174	170	168	166
25 - 29	1,088	1,044	1,003	970	942	930	927	926	926	921	909
30 - 34	1,283	1,317	1,348	1,349	1,333	1,293	1,239	1,190	1,149	1,115	1,099
35 - 39	1,501	1,483	1,455	1,451	1,469	1,504	1,543	1,577	1,577	1,556	1,509
40 - 44	3,119	3,114	3,157	3,193	3,201	3,176	3,138	3,079	3,073	3,112	3,186
45 - 49	3,450	3,388	3,318	3,251	3,194	3,149	3,141	3,181	3,214	3,220	3,193
50 - 54	3,254	3,232	3,195	3,135	3,064	3,014	2,958	2,892	2,831	2,777	2,735
55 - 59	3,383	3,417	3,443	3,465	3,482	3,479	3,456	3,418	3,353	3,279	3,223
60 - 64	5,120	5,413	5,653	5,710	5,755	5,800	5,858	5,901	5,936	5,962	5,954
65 - 69	9,573	9,763	10,034	10,715	11,327	11,972	12,650	13,201	13,335	13,441	13,545
70 - 74	7,276	7,294	7,374	7,544	7,763	7,921	8,078	8,302	8,872	9,388	9,927
75 - 79	5,841	5,837	5,845	5,881	5,986	6,098	6,120	6,193	6,343	6,538	6,675
80 - 84	5,267	5,235	5,173	5,089	4,984	4,903	4,916	4,936	4,978	5,077	5,182
85+	<u>6,383</u>	<u>6,520</u>	<u>6,636</u>	<u>6,745</u>	<u>6,852</u>	<u>6,924</u>	<u>6,988</u>	<u>7,015</u>	<u>7,026</u>	<u>7,022</u>	<u>7,016</u>
Total	57,118	57,630	58,202	59,056	59,906	60,712	61,557	62,352	63,151	63,945	64,692
Avg Age	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.2	66.3

Appendix A

PEIA-Medicare

Females	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	0	0	0	0	0	0	0	0	0	0	0
5 - 9	0	0	0	0	0	0	0	0	0	0	0
10 - 14	0	0	0	0	0	0	0	0	0	0	0
15 - 19	0	0	0	0	0	0	0	0	0	0	0
20 - 24	4	4	4	4	4	4	4	4	4	4	4
25 - 29	1	1	1	1	1	1	1	1	1	1	1
30 - 34	6	6	6	6	6	6	6	6	5	5	5
35 - 39	18	17	17	17	17	17	18	18	18	18	17
40 - 44	40	39	40	40	40	40	39	38	38	38	39
45 - 49	64	63	61	60	58	57	57	57	58	58	57
50 - 54	200	200	198	195	191	188	184	179	174	170	166
55 - 59	507	513	518	523	525	527	524	520	511	501	492
60 - 64	1,226	1,297	1,356	1,373	1,388	1,401	1,419	1,433	1,445	1,451	1,454
65 - 69	5,412	5,498	5,635	5,996	6,321	6,681	7,065	7,387	7,477	7,561	7,633
70 - 74	4,687	4,687	4,721	4,815	4,947	5,034	5,116	5,245	5,585	5,893	6,232
75 - 79	4,213	4,196	4,190	4,205	4,259	4,325	4,331	4,368	4,462	4,592	4,676
80 - 84	3,209	3,190	3,153	3,107	3,047	2,988	2,987	2,993	3,012	3,060	3,116
85+	<u>3,018</u>	<u>3,074</u>	<u>3,123</u>	<u>3,165</u>	<u>3,207</u>	<u>3,240</u>	<u>3,267</u>	<u>3,278</u>	<u>3,282</u>	<u>3,279</u>	<u>3,272</u>
Total	22,605	22,785	23,024	23,505	24,012	24,510	25,018	25,527	26,072	26,631	27,165
Avg Age	74.2	74.2	74.1	74.0	73.9	73.8	73.7	73.6	73.6	73.6	73.6
Males	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	0	0	0	0	0	0	0	0	0	0	0
5 - 9	0	0	0	0	0	0	0	0	0	0	0
10 - 14	0	0	0	0	0	0	0	0	0	0	0
15 - 19	0	0	0	0	0	0	0	0	0	0	0
20 - 24	2	2	2	2	2	2	2	2	2	2	2
25 - 29	4	4	3	3	3	3	3	3	3	3	3
30 - 34	6	6	7	7	6	6	6	6	6	5	5
35 - 39	12	12	11	11	12	12	12	13	13	12	12
40 - 44	38	38	39	39	39	39	38	38	38	38	39
45 - 49	66	65	64	63	62	62	62	62	63	63	63
50 - 54	180	178	176	172	168	165	162	160	157	155	153
55 - 59	433	436	437	439	441	438	434	428	419	408	401
60 - 64	1,053	1,113	1,159	1,168	1,171	1,178	1,185	1,188	1,192	1,197	1,190
65 - 69	3,971	4,074	4,203	4,513	4,790	5,062	5,343	5,560	5,599	5,616	5,645
70 - 74	3,479	3,503	3,565	3,666	3,783	3,877	3,978	4,106	4,414	4,692	4,962
75 - 79	2,765	2,785	2,808	2,841	2,924	3,000	3,025	3,084	3,177	3,285	3,372
80 - 84	1,815	1,803	1,780	1,742	1,698	1,687	1,709	1,729	1,755	1,811	1,863
85+	<u>1,354</u>	<u>1,402</u>	<u>1,442</u>	<u>1,485</u>	<u>1,525</u>	<u>1,543</u>	<u>1,563</u>	<u>1,573</u>	<u>1,578</u>	<u>1,579</u>	<u>1,588</u>
Total	15,180	15,420	15,696	16,151	16,626	17,075	17,523	17,951	18,414	18,869	19,299
Avg Age	72.7	72.7	72.6	72.6	72.5	72.4	72.4	72.4	72.4	72.5	72.5
Total	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	0	0	0	0	0	0	0	0	0	0	0
5 - 9	0	0	0	0	0	0	0	0	0	0	0
10 - 14	0	0	0	0	0	0	0	0	0	0	0
15 - 19	0	0	0	0	0	0	0	0	0	0	0
20 - 24	6	6	6	6	6	6	6	6	6	6	6
25 - 29	5	5	4	4	4	4	4	4	4	4	4
30 - 34	12	13	13	13	13	12	12	11	11	11	11
35 - 39	29	29	28	28	29	29	30	31	31	30	29
40 - 44	78	77	78	79	79	79	78	76	76	77	78
45 - 49	130	128	125	123	120	118	118	120	121	121	120
50 - 54	381	378	374	367	359	353	346	338	331	325	320
55 - 59	940	949	956	962	966	965	959	948	930	909	893
60 - 64	2,279	2,409	2,516	2,540	2,559	2,579	2,604	2,622	2,636	2,648	2,644
65 - 69	9,383	9,571	9,839	10,509	11,111	11,743	12,408	12,946	13,076	13,178	13,278
70 - 74	8,167	8,190	8,286	8,481	8,730	8,912	9,094	9,351	10,000	10,586	11,194
75 - 79	6,979	6,981	6,998	7,046	7,183	7,325	7,357	7,452	7,639	7,877	8,048
80 - 84	5,024	4,993	4,933	4,849	4,746	4,675	4,696	4,722	4,767	4,871	4,978
85+	<u>4,373</u>	<u>4,476</u>	<u>4,564</u>	<u>4,649</u>	<u>4,732</u>	<u>4,783</u>	<u>4,830</u>	<u>4,851</u>	<u>4,860</u>	<u>4,858</u>	<u>4,860</u>
Total	37,784	38,206	38,720	39,656	40,638	41,584	42,542	43,477	44,487	45,500	46,463
Avg Age	73.6	73.6	73.5	73.4	73.3	73.2	73.2	73.1	73.1	73.1	73.1

Appendix A

Medicare - Non-Dual Eligibles and Non-PEIA											
Females	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	489	482	475	468	462	456	450	444	439	434	429
5 - 9	666	668	667	664	657	646	636	627	617	608	600
10 - 14	232	234	235	237	240	242	242	242	241	238	234
15 - 19	225	221	216	211	209	209	209	210	212	214	215
20 - 24	55	55	55	55	55	54	53	52	50	50	49
25 - 29	701	671	644	622	605	599	599	600	601	597	588
30 - 34	740	757	771	771	759	733	701	673	649	631	623
35 - 39	407	402	393	390	394	402	411	418	417	411	396
40 - 44	400	397	402	405	406	401	395	387	384	387	395
45 - 49	858	841	817	796	777	762	756	764	770	771	762
50 - 54	1,719	1,712	1,699	1,671	1,639	1,610	1,576	1,531	1,492	1,455	1,426
55 - 59	3,233	3,274	3,309	3,337	3,353	3,361	3,346	3,319	3,262	3,198	3,139
60 - 64	3,928	4,155	4,347	4,399	4,448	4,491	4,547	4,593	4,630	4,650	4,659
65 - 69	17,678	17,958	18,407	19,585	20,647	21,823	23,079	24,129	24,423	24,699	24,933
70 - 74	16,451	16,451	16,569	16,898	17,362	17,669	17,955	18,408	19,603	20,685	21,874
75 - 79	13,800	13,743	13,724	13,772	13,949	14,167	14,187	14,307	14,616	15,039	15,317
80 - 84	10,706	10,644	10,522	10,366	10,167	9,972	9,968	9,985	10,050	10,210	10,397
85+	<u>11,092</u>	<u>11,299</u>	<u>11,475</u>	<u>11,630</u>	<u>11,787</u>	<u>11,906</u>	<u>12,007</u>	<u>12,048</u>	<u>12,061</u>	<u>12,051</u>	<u>12,024</u>
Total	83,381	83,961	84,726	86,279	87,914	89,502	91,119	92,737	94,516	96,326	98,060
Avg Age	71.3	71.3	71.3	71.3	71.3	71.2	71.2	71.2	71.3	71.4	71.4
Males	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	649	640	631	623	615	608	601	594	588	582	576
5 - 9	697	700	700	698	691	682	672	662	653	644	636
10 - 14	519	517	517	519	524	529	531	531	529	524	516
15 - 19	653	644	632	621	612	605	602	602	603	607	613
20 - 24	83	83	83	83	83	82	81	79	77	76	75
25 - 29	484	465	447	432	420	413	411	410	410	408	403
30 - 34	325	335	344	345	341	332	319	306	296	287	282
35 - 39	282	279	274	274	278	285	293	300	301	297	289
40 - 44	2,803	2,803	2,844	2,879	2,889	2,870	2,838	2,788	2,788	2,828	2,898
45 - 49	2,559	2,516	2,476	2,434	2,401	2,376	2,376	2,409	2,437	2,445	2,429
50 - 54	2,780	2,754	2,713	2,656	2,587	2,548	2,506	2,466	2,424	2,390	2,365
55 - 59	4,174	4,201	4,215	4,227	4,249	4,225	4,185	4,122	4,034	3,929	3,868
60 - 64	8,893	9,395	9,787	9,859	9,889	9,941	10,004	10,033	10,060	10,107	10,045
65 - 69	20,052	20,572	21,228	22,791	24,191	25,566	26,983	28,076	28,277	28,363	28,510
70 - 74	15,276	15,379	15,652	16,096	16,609	17,022	17,466	18,026	19,380	20,600	21,783
75 - 79	11,170	11,250	11,341	11,475	11,812	12,117	12,219	12,457	12,831	13,270	13,620
80 - 84	8,005	7,949	7,849	7,683	7,490	7,439	7,536	7,625	7,739	7,988	8,214
85+	<u>5,787</u>	<u>5,990</u>	<u>6,159</u>	<u>6,343</u>	<u>6,515</u>	<u>6,594</u>	<u>6,677</u>	<u>6,719</u>	<u>6,742</u>	<u>6,747</u>	<u>6,785</u>
Total	85,191	86,473	87,893	90,038	92,198	94,235	96,299	98,206	100,168	102,092	103,907
Avg Age	67.0	67.0	67.1	67.2	67.3	67.4	67.4	67.5	67.7	67.8	68.0
Total	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	1,138	1,122	1,106	1,091	1,077	1,064	1,051	1,038	1,026	1,015	1,005
5 - 9	1,363	1,368	1,367	1,362	1,348	1,328	1,308	1,289	1,270	1,253	1,236
10 - 14	751	751	752	756	763	771	773	773	770	762	750
15 - 19	879	864	848	832	821	814	812	812	815	821	829
20 - 24	138	138	138	138	138	136	133	130	128	126	124
25 - 29	1,185	1,136	1,091	1,055	1,025	1,012	1,010	1,010	1,010	1,004	991
30 - 34	1,066	1,092	1,115	1,116	1,100	1,065	1,020	979	945	917	905
35 - 39	689	681	667	664	672	687	704	718	718	708	685
40 - 44	3,203	3,201	3,246	3,285	3,295	3,271	3,233	3,175	3,172	3,215	3,293
45 - 49	3,417	3,357	3,293	3,230	3,178	3,138	3,132	3,174	3,208	3,216	3,190
50 - 54	4,499	4,466	4,412	4,326	4,226	4,158	4,082	3,998	3,916	3,846	3,791
55 - 59	7,406	7,475	7,524	7,564	7,601	7,586	7,531	7,441	7,296	7,127	7,008
60 - 64	12,821	13,550	14,134	14,257	14,337	14,432	14,550	14,626	14,690	14,757	14,705
65 - 69	37,730	38,531	39,635	42,376	44,839	47,389	50,061	52,206	52,700	53,062	53,443
70 - 74	31,726	31,830	32,221	32,995	33,972	34,691	35,421	36,434	38,983	41,284	43,657
75 - 79	24,971	24,993	25,065	25,247	25,761	26,284	26,406	26,764	27,447	28,310	28,936
80 - 84	18,711	18,593	18,370	18,049	17,657	17,411	17,504	17,610	17,789	18,198	18,611
85+	<u>16,879</u>	<u>17,288</u>	<u>17,634</u>	<u>17,973</u>	<u>18,302</u>	<u>18,500</u>	<u>18,685</u>	<u>18,767</u>	<u>18,803</u>	<u>18,798</u>	<u>18,808</u>
Total	168,571	170,435	172,618	176,317	180,112	183,737	187,417	190,942	194,684	198,418	201,967
Avg Age	69.1	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.5	69.6

Appendix A

West Virginia Children's Health Insurance Program											
Females	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	1,640	1,637	1,641	1,640	1,624	1,619	1,616	1,595	1,575	1,557	1,540
5 - 9	3,476	3,535	3,590	3,624	3,599	3,579	3,560	3,506	3,453	3,403	3,356
10 - 14	3,934	4,009	4,097	4,188	4,262	4,340	4,397	4,389	4,368	4,316	4,247
15 - 19	3,196	3,169	3,155	3,130	3,107	3,133	3,180	3,190	3,214	3,251	3,272
20 - 24	0	0	0	0	0	0	0	0	0	0	0
25 - 29	0	0	0	0	0	0	0	0	0	0	0
30 - 34	0	0	0	0	0	0	0	0	0	0	0
35 - 39	0	0	0	0	0	0	0	0	0	0	0
40 - 44	0	0	0	0	0	0	0	0	0	0	0
45 - 49	0	0	0	0	0	0	0	0	0	0	0
50 - 54	0	0	0	0	0	0	0	0	0	0	0
55 - 59	0	0	0	0	0	0	0	0	0	0	0
60 - 64	0	0	0	0	0	0	0	0	0	0	0
65 - 69	0	0	0	0	0	0	0	0	0	0	0
70 - 74	0	0	0	0	0	0	0	0	0	0	0
75 - 79	0	0	0	0	0	0	0	0	0	0	0
80 - 84	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0
Total	12,246	12,350	12,482	12,583	12,591	12,670	12,753	12,680	12,611	12,527	12,415
Avg Age	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.7	10.7	10.7
Males	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	1,642	1,641	1,647	1,647	1,634	1,631	1,629	1,611	1,593	1,576	1,562
5 - 9	3,486	3,547	3,609	3,648	3,628	3,612	3,599	3,548	3,499	3,452	3,408
10 - 14	3,898	3,936	4,005	4,073	4,127	4,215	4,274	4,273	4,259	4,215	4,155
15 - 19	3,209	3,204	3,199	3,185	3,155	3,151	3,170	3,167	3,174	3,196	3,226
20 - 24	0	0	0	0	0	0	0	0	0	0	0
25 - 29	0	0	0	0	0	0	0	0	0	0	0
30 - 34	0	0	0	0	0	0	0	0	0	0	0
35 - 39	0	0	0	0	0	0	0	0	0	0	0
40 - 44	0	0	0	0	0	0	0	0	0	0	0
45 - 49	0	0	0	0	0	0	0	0	0	0	0
50 - 54	0	0	0	0	0	0	0	0	0	0	0
55 - 59	0	0	0	0	0	0	0	0	0	0	0
60 - 64	0	0	0	0	0	0	0	0	0	0	0
65 - 69	0	0	0	0	0	0	0	0	0	0	0
70 - 74	0	0	0	0	0	0	0	0	0	0	0
75 - 79	0	0	0	0	0	0	0	0	0	0	0
80 - 84	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0
Total	12,234	12,328	12,460	12,553	12,545	12,610	12,671	12,598	12,524	12,440	12,351
Avg Age	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.7
Total	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	3,282	3,278	3,287	3,287	3,258	3,250	3,245	3,206	3,168	3,134	3,102
5 - 9	6,962	7,082	7,199	7,272	7,226	7,191	7,159	7,053	6,952	6,856	6,764
10 - 14	7,832	7,945	8,102	8,262	8,389	8,555	8,670	8,661	8,627	8,531	8,402
15 - 19	6,404	6,373	6,354	6,315	6,262	6,285	6,350	6,357	6,388	6,447	6,498
20 - 24	0	0	0	0	0	0	0	0	0	0	0
25 - 29	0	0	0	0	0	0	0	0	0	0	0
30 - 34	0	0	0	0	0	0	0	0	0	0	0
35 - 39	0	0	0	0	0	0	0	0	0	0	0
40 - 44	0	0	0	0	0	0	0	0	0	0	0
45 - 49	0	0	0	0	0	0	0	0	0	0	0
50 - 54	0	0	0	0	0	0	0	0	0	0	0
55 - 59	0	0	0	0	0	0	0	0	0	0	0
60 - 64	0	0	0	0	0	0	0	0	0	0	0
65 - 69	0	0	0	0	0	0	0	0	0	0	0
70 - 74	0	0	0	0	0	0	0	0	0	0	0
75 - 79	0	0	0	0	0	0	0	0	0	0	0
80 - 84	0	0	0	0	0	0	0	0	0	0	0
85+	0	0	0	0	0	0	0	0	0	0	0
Total	24,480	24,678	24,942	25,136	25,136	25,280	25,424	25,278	25,135	24,967	24,766
Avg Age	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.7	10.7

Appendix A

Uninsured

Females	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	1,582	1,558	1,535	1,513	1,493	1,473	1,455	1,436	1,418	1,402	1,387
5 - 9	4,029	4,042	4,037	4,020	3,975	3,913	3,851	3,792	3,736	3,682	3,631
10 - 14	5,306	5,334	5,359	5,405	5,476	5,521	5,534	5,524	5,498	5,432	5,346
15 - 19	13,039	12,755	12,486	12,223	12,078	12,059	12,109	12,148	12,238	12,378	12,458
20 - 24	17,410	17,447	17,502	17,534	17,427	17,185	16,767	16,374	15,988	15,767	15,722
25 - 29	12,952	12,394	11,895	11,496	11,176	11,060	11,063	11,086	11,096	11,019	10,853
30 - 34	8,923	9,128	9,300	9,296	9,153	8,843	8,456	8,108	7,828	7,603	7,513
35 - 39	11,070	10,917	10,681	10,601	10,693	10,935	11,170	11,362	11,342	11,155	10,769
40 - 44	12,354	12,272	12,410	12,514	12,524	12,382	12,209	11,945	11,852	11,948	12,210
45 - 49	16,867	16,520	16,056	15,647	15,267	14,967	14,863	15,021	15,138	15,143	14,965
50 - 54	11,691	11,645	11,557	11,366	11,149	10,951	10,721	10,417	10,149	9,899	9,701
55 - 59	9,096	9,211	9,309	9,389	9,433	9,458	9,415	9,338	9,178	8,999	8,833
60 - 64	9,212	9,746	10,196	10,317	10,432	10,534	10,664	10,772	10,861	10,906	10,928
65 - 69	2,914	2,960	3,034	3,228	3,403	3,597	3,804	3,977	4,025	4,071	4,109
70 - 74	2,180	2,180	2,195	2,239	2,300	2,341	2,379	2,439	2,597	2,740	2,898
75 - 79	1,576	1,569	1,567	1,573	1,593	1,618	1,620	1,634	1,669	1,717	1,749
80 - 84	326	324	320	316	309	303	303	304	306	311	316
85+	<u>240</u>	<u>244</u>	<u>248</u>	<u>251</u>	<u>255</u>	<u>257</u>	<u>259</u>	<u>260</u>	<u>261</u>	<u>260</u>	<u>260</u>
Total	140,765	140,245	139,687	138,929	138,136	137,396	136,642	135,938	135,179	134,431	133,648
Avg Age	37.5	37.6	37.8	37.9	38.0	38.1	38.2	38.3	38.4	38.5	38.5
Males	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	3,590	3,540	3,492	3,446	3,404	3,363	3,324	3,286	3,250	3,216	3,187
5 - 9	3,142	3,154	3,155	3,146	3,115	3,071	3,027	2,984	2,943	2,904	2,867
10 - 14	2,720	2,710	2,711	2,720	2,745	2,775	2,784	2,783	2,774	2,745	2,706
15 - 19	6,362	6,266	6,152	6,043	5,961	5,894	5,865	5,860	5,873	5,914	5,970
20 - 24	13,330	13,288	13,265	13,275	13,222	13,090	12,863	12,595	12,343	12,147	11,982
25 - 29	27,035	25,984	24,990	24,174	23,462	23,111	22,988	22,911	22,904	22,788	22,537
30 - 34	17,551	18,076	18,549	18,593	18,401	17,905	17,194	16,521	15,961	15,472	15,220
35 - 39	10,895	10,775	10,583	10,584	10,740	11,012	11,323	11,598	11,611	11,478	11,159
40 - 44	18,360	18,363	18,633	18,863	18,926	18,800	18,589	18,263	18,264	18,526	18,981
45 - 49	13,078	12,862	12,656	12,439	12,272	12,144	12,142	12,314	12,458	12,498	12,414
50 - 54	10,210	10,115	9,966	9,754	9,503	9,360	9,205	9,057	8,901	8,779	8,687
55 - 59	8,706	8,764	8,793	8,818	8,863	8,813	8,730	8,598	8,414	8,196	8,069
60 - 64	6,163	6,510	6,782	6,831	6,853	6,889	6,932	6,953	6,971	7,004	6,961
65 - 69	1,365	1,401	1,445	1,552	1,647	1,740	1,837	1,911	1,925	1,931	1,941
70 - 74	1,024	1,031	1,049	1,079	1,113	1,141	1,170	1,208	1,299	1,380	1,460
75 - 79	742	747	753	762	784	805	812	827	852	881	905
80 - 84	588	584	577	564	550	547	554	560	569	587	603
85+	<u>640</u>	<u>662</u>	<u>681</u>	<u>701</u>	<u>720</u>	<u>729</u>	<u>738</u>	<u>743</u>	<u>745</u>	<u>746</u>	<u>750</u>
Total	145,499	144,831	144,232	143,347	142,281	141,188	140,077	138,974	138,057	137,192	136,398
Avg Age	36.3	36.4	36.6	36.7	36.8	36.8	36.9	37.0	37.1	37.2	37.2
Total	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
0 - 4	5,172	5,097	5,027	4,960	4,896	4,836	4,779	4,722	4,668	4,618	4,573
5 - 9	7,171	7,196	7,192	7,167	7,090	6,984	6,879	6,777	6,679	6,586	6,497
10 - 14	8,026	8,044	8,070	8,126	8,220	8,296	8,318	8,307	8,272	8,178	8,052
15 - 19	19,401	19,021	18,638	18,266	18,039	17,953	17,974	18,008	18,111	18,292	18,428
20 - 24	30,740	30,734	30,767	30,809	30,649	30,275	29,630	28,969	28,331	27,914	27,704
25 - 29	39,988	38,378	36,885	35,670	34,638	34,171	34,051	33,997	34,000	33,807	33,390
30 - 34	26,474	27,204	27,848	27,889	27,554	26,748	25,651	24,629	23,789	23,074	22,733
35 - 39	21,964	21,692	21,265	21,186	21,433	21,947	22,493	22,960	22,953	22,633	21,928
40 - 44	30,713	30,634	31,044	31,377	31,450	31,182	30,797	30,208	30,116	30,474	31,191
45 - 49	29,945	29,382	28,712	28,086	27,538	27,111	27,005	27,335	27,595	27,641	27,379
50 - 54	21,901	21,760	21,523	21,119	20,652	20,311	19,926	19,475	19,050	18,678	18,388
55 - 59	17,802	17,975	18,102	18,207	18,296	18,271	18,145	17,936	17,593	17,194	16,903
60 - 64	15,375	16,256	16,977	17,149	17,285	17,422	17,596	17,725	17,831	17,909	17,889
65 - 69	4,279	4,360	4,479	4,779	5,050	5,337	5,641	5,888	5,950	6,002	6,050
70 - 74	3,203	3,210	3,244	3,318	3,413	3,482	3,549	3,647	3,896	4,121	4,358
75 - 79	2,318	2,316	2,320	2,335	2,377	2,422	2,432	2,461	2,521	2,599	2,654
80 - 84	914	908	897	880	860	850	857	864	874	898	920
85+	<u>879</u>	<u>906</u>	<u>929</u>	<u>952</u>	<u>975</u>	<u>986</u>	<u>998</u>	<u>1,003</u>	<u>1,006</u>	<u>1,006</u>	<u>1,010</u>
Total	286,264	285,076	283,919	282,276	280,417	278,585	276,719	274,912	273,237	271,624	270,046
Avg Age	36.9	37.0	37.2	37.3	37.4	37.5	37.6	37.6	37.7	37.8	37.9

Appendix B

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Appendix B

2009 West Virginia Health Care Expenditures

	<u>PEIA Non-Medicare</u>	<u>West Virginia CHIP</u>	<u>Medicaid Non-Duals</u>	<u>Commercially Insured</u>	<u>Uninsured</u>	<u>PEIA Medicare</u>	<u>Medicare and Medicaid Duals</u>	<u>Medicare Non- Medicaid/PEIA</u>	<u>Total Population</u>
Drugs									
Charges	237,681,401	16,992,463	654,081,262	1,552,235,244	443,989,111	172,042,812	228,066,415	770,032,166	4,075,120,875
Allowed	152,658,446	10,903,360	431,652,745	995,978,981	443,989,111	110,163,237	185,663,819	417,625,726	2,748,635,426
Paid	121,110,862	8,664,054	431,605,695	791,441,804	399,682,494	96,699,804	185,663,819	340,879,397	2,375,747,930
Inpatient									
Charges	611,920,683	50,704,170	848,143,690	4,089,388,740	1,038,035,603	209,635,358	532,646,070	968,180,624	8,348,654,938
Allowed	168,492,265	13,950,767	257,606,677	1,125,269,523	1,038,035,603	169,341,346	348,259,406	704,775,017	3,825,730,605
Paid	151,731,848	12,573,758	252,863,605	1,014,169,883	810,450,008	157,635,733	285,032,017	597,436,400	3,281,893,252
Outpatient									
Charges	557,403,903	45,190,278	642,307,805	3,631,245,871	1,214,122,450	133,071,458	285,561,130	603,660,717	7,112,563,611
Allowed	181,081,642	14,665,237	200,332,672	1,178,884,531	1,214,122,450	99,374,928	197,577,859	404,586,612	3,490,625,931
Paid	138,840,714	11,207,835	196,060,747	901,049,497	693,641,751	88,606,737	202,617,966	333,050,783	2,565,076,030
Professional									
Charges	143,921,593	11,610,190	1,566,825,343	927,664,760	471,325,083	144,991,012	890,137,834	647,168,153	4,803,643,968
Allowed	91,512,591	7,384,145	776,137,932	590,360,429	471,325,083	118,609,328	531,266,438	474,966,943	3,061,562,887
Paid	73,654,152	5,934,932	765,589,121	474,323,146	377,037,379	115,420,218	529,393,481	430,389,247	2,771,741,676
Total									
Charges	1,550,927,579	124,497,101	3,711,358,100	10,200,534,615	3,167,472,246	659,740,640	1,936,411,449	2,989,041,660	24,339,983,391
Allowed	593,744,944	46,903,509	1,665,730,026	3,890,493,463	3,167,472,246	497,488,840	1,262,767,522	2,001,954,298	13,126,554,849
Paid	485,337,576	38,380,579	1,646,119,168	3,180,984,330	2,280,811,633	458,362,493	1,202,707,283	1,701,755,826	10,994,458,887

Appendix B

Total West Virginia Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	4,075,120,875	4,349,249,390	4,638,278,462	4,940,730,218	5,260,678,640	5,598,830,963	5,958,462,450	6,337,235,328	6,738,503,778	7,162,151,034	7,607,990,771
Allowed	2,748,635,426	2,932,703,703	3,126,407,351	3,327,128,725	3,539,066,924	3,762,898,181	4,000,705,041	4,251,148,264	4,516,288,705	4,796,033,669	5,090,227,011
Paid	2,375,747,930	2,534,754,647	2,701,984,684	2,874,512,446	3,056,499,732	3,248,650,689	3,452,768,387	3,667,668,087	3,895,062,825	4,134,899,341	4,387,040,215
Inpatient											
Charges	8,348,654,938	8,910,200,432	9,500,220,049	10,119,661,202	10,780,475,480	11,485,086,966	12,234,725,256	13,027,828,352	13,872,343,381	14,769,936,393	15,710,590,515
Allowed	3,825,730,605	4,083,407,188	4,355,522,629	4,645,338,437	4,955,378,591	5,285,269,544	5,636,840,067	6,009,168,878	6,406,756,809	6,829,448,314	7,272,407,326
Paid	3,281,893,252	3,505,515,020	3,740,446,488	3,985,953,323	4,247,517,658	4,526,087,997	4,823,135,499	5,137,115,905	5,466,970,716	5,816,003,627	6,180,030,214
Outpatient											
Charges	7,112,563,611	7,573,712,847	8,058,510,048	8,561,199,453	9,091,015,524	9,650,266,316	10,243,317,687	10,868,134,154	11,528,769,236	12,225,291,974	12,958,655,822
Allowed	3,490,625,931	3,716,611,407	3,955,228,891	4,204,736,288	4,467,969,276	4,745,904,132	5,041,319,605	5,353,308,306	5,684,926,072	6,035,356,591	6,404,606,737
Paid	2,565,076,030	2,734,582,479	2,913,262,020	3,099,514,207	3,296,124,400	3,503,911,648	3,725,296,461	3,958,836,222	4,206,337,751	4,467,835,958	4,742,870,777
Professional											
Charges	4,803,643,968	5,103,176,470	5,419,823,159	5,757,714,500	6,115,906,229	6,493,634,624	6,894,993,166	7,318,799,007	7,771,660,789	8,253,267,693	8,761,591,557
Allowed	3,061,562,887	3,254,000,130	3,457,547,490	3,675,500,721	3,906,970,453	4,151,030,052	4,410,612,293	4,684,896,247	4,979,261,829	5,292,691,697	5,623,525,004
Paid	2,771,741,676	2,947,176,626	3,132,715,021	3,331,384,017	3,542,234,736	3,764,789,762	4,001,695,226	4,251,586,945	4,518,123,777	4,801,598,992	5,100,504,966
Total											
Charges	24,339,983,391	25,936,339,139	27,616,831,718	29,379,305,373	31,248,075,872	33,227,818,870	35,331,498,558	37,551,996,841	39,911,277,184	42,410,647,093	45,038,828,665
Allowed	13,126,554,849	13,986,722,427	14,894,706,360	15,852,704,170	16,869,385,244	17,945,101,908	19,089,477,005	20,298,521,695	21,587,233,414	22,953,530,271	24,390,766,078
Paid	10,994,458,887	11,722,028,771	12,488,408,213	13,291,363,993	14,142,376,525	15,043,440,096	16,002,895,573	17,015,207,159	18,086,495,068	19,220,337,919	20,410,446,172

Appendix B

Commercially Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	1,552,235,244	1,656,722,551	1,765,536,273	1,876,369,414	1,993,373,770	2,116,898,662	2,247,802,511	2,385,335,489	2,529,454,029	2,680,782,820	2,839,752,360
Allowed	995,978,981	1,062,913,753	1,132,640,746	1,203,710,007	1,278,777,469	1,358,016,911	1,441,927,928	1,530,136,355	1,622,734,676	1,720,047,968	1,822,286,763
Paid	791,441,804	844,781,919	900,342,554	956,905,895	1,016,637,829	1,079,713,765	1,146,538,978	1,216,770,265	1,290,526,274	1,368,075,693	1,449,565,355
Inpatient											
Charges	4,089,388,740	4,363,078,064	4,648,618,402	4,944,312,729	5,261,142,006	5,600,395,332	5,959,879,908	6,341,958,961	6,749,424,990	7,183,401,328	7,636,734,164
Allowed	1,125,269,523	1,200,996,335	1,280,003,886	1,361,957,569	1,449,772,497	1,543,374,922	1,641,946,395	1,746,241,367	1,855,459,480	1,970,978,343	2,091,256,707
Paid	1,014,169,883	1,082,357,921	1,153,518,619	1,227,407,786	1,306,783,289	1,391,367,578	1,480,302,872	1,574,521,834	1,673,509,345	1,778,218,076	1,887,184,727
Outpatient											
Charges	3,631,245,871	3,867,113,623	4,112,985,327	4,364,448,252	4,629,915,161	4,909,750,346	5,206,103,787	5,518,459,894	5,847,268,974	6,192,616,613	6,555,290,738
Allowed	1,178,884,531	1,255,907,619	1,336,157,562	1,418,021,003	1,504,383,928	1,595,389,858	1,691,858,992	1,793,525,428	1,900,404,274	2,012,434,152	2,130,024,490
Paid	901,049,497	960,330,722	1,022,153,664	1,085,295,785	1,151,954,146	1,222,270,544	1,296,854,203	1,375,479,201	1,458,279,718	1,545,099,631	1,636,193,350
Professional											
Charges	927,664,760	982,836,689	1,040,153,633	1,098,875,255	1,160,942,011	1,226,015,433	1,294,502,727	1,366,965,043	1,442,594,525	1,521,731,345	1,604,760,871
Allowed	590,360,429	625,823,275	662,673,567	700,446,385	740,370,407	782,192,146	826,185,945	872,698,987	921,267,735	972,093,248	1,025,429,380
Paid	474,323,146	502,706,661	532,210,266	562,462,369	594,460,297	627,972,089	663,194,282	700,443,605	739,370,852	780,107,469	822,854,854
Total											
Charges	10,200,534,615	10,869,750,928	11,567,293,635	12,284,005,649	13,045,372,948	13,853,059,773	14,708,288,933	15,612,719,386	16,568,742,517	17,578,532,106	18,636,538,133
Allowed	3,890,493,463	4,145,640,982	4,411,475,761	4,684,134,965	4,973,304,302	5,278,973,837	5,601,919,260	5,942,602,138	6,299,866,165	6,675,553,712	7,068,997,340
Paid	3,180,984,330	3,390,177,223	3,608,225,103	3,832,071,834	4,069,835,562	4,321,323,975	4,586,890,334	4,867,214,905	5,161,686,189	5,471,500,869	5,795,798,286

Appendix B

PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	237,681,401	254,265,685	271,295,685	287,645,681	304,587,046	322,388,892	341,064,152	360,281,969	379,586,483	399,508,794	420,410,767
Allowed	152,658,446	163,292,461	174,215,397	184,707,465	195,579,304	207,004,277	218,984,346	231,311,274	243,702,655	256,494,126	269,915,681
Paid	121,110,862	129,576,976	138,272,135	146,615,995	155,261,015	164,344,537	173,869,616	183,666,599	193,514,523	203,682,817	214,354,409
Inpatient											
Charges	611,920,683	655,181,833	699,549,856	742,556,099	787,280,038	834,440,248	884,063,168	935,131,425	986,164,286	1,038,873,306	1,093,959,137
Allowed	168,492,265	180,361,970	192,541,741	204,374,957	216,684,601	229,667,346	243,324,033	257,357,418	271,331,128	285,769,714	300,839,989
Paid	151,731,848	162,414,264	173,372,965	184,025,055	195,117,919	206,810,550	219,109,148	231,748,013	244,341,574	257,346,233	270,920,388
Outpatient											
Charges	557,403,903	594,823,226	633,350,467	670,670,060	709,399,484	750,148,870	792,887,022	837,013,637	881,685,164	927,948,126	976,444,383
Allowed	181,081,642	193,315,644	205,900,717	218,050,995	230,662,843	243,940,356	257,885,364	272,293,621	286,884,272	301,982,831	317,784,238
Paid	138,840,714	148,291,008	158,010,073	167,377,952	177,098,504	187,339,501	198,102,613	209,220,530	220,473,013	232,111,632	244,283,336
Professional											
Charges	143,921,593	152,747,889	161,871,210	170,876,957	180,260,703	190,136,295	200,475,267	211,192,333	222,150,597	233,526,781	245,445,394
Allowed	91,512,591	97,172,397	103,020,831	108,790,874	114,801,337	121,122,874	127,738,359	134,590,774	141,591,020	148,856,167	156,466,441
Paid	73,654,152	78,191,833	82,882,084	87,511,673	92,335,500	97,410,003	102,720,554	108,220,981	113,844,711	119,683,516	125,799,422
Total											
Charges	1,550,927,579	1,657,018,633	1,766,067,218	1,871,748,796	1,981,527,271	2,097,114,304	2,218,489,609	2,343,619,365	2,469,586,529	2,599,857,008	2,736,259,681
Allowed	593,744,944	634,142,473	675,678,686	715,924,291	757,728,085	801,734,853	847,932,103	895,553,087	943,509,075	993,102,838	1,045,006,349
Paid	485,337,576	518,474,082	552,537,256	585,530,675	619,812,937	655,904,592	693,801,931	732,856,123	772,173,821	812,824,198	855,357,555

Appendix B

Medicaid - Non-Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	654,081,262	692,572,647	732,645,964	772,151,242	813,101,548	856,011,767	900,836,212	947,777,267	996,368,102	1,046,723,157	1,099,366,005
Allowed	431,652,745	457,135,137	483,647,760	509,782,449	536,855,189	565,173,498	594,716,892	625,663,458	657,687,822	690,892,868	725,630,186
Paid	431,605,695	457,085,312	483,595,048	509,726,889	536,796,676	565,111,896	594,652,065	625,595,254	657,616,119	690,817,535	725,551,056
Inpatient											
Charges	848,143,690	899,658,370	953,013,459	1,004,716,596	1,058,323,876	1,114,509,544	1,173,152,333	1,234,503,452	1,297,935,414	1,363,902,444	1,433,206,961
Allowed	257,606,677	273,031,531	289,043,098	304,697,898	321,017,728	338,175,566	356,089,809	374,858,903	394,308,258	414,519,035	435,683,056
Paid	252,863,605	267,972,308	283,658,432	299,011,441	315,020,755	331,854,623	349,430,558	367,847,924	386,933,231	406,766,795	427,538,209
Outpatient											
Charges	642,307,805	679,857,133	718,982,284	757,451,489	797,125,648	838,646,803	881,927,151	927,320,904	974,434,506	1,023,733,547	1,075,740,045
Allowed	200,332,672	212,114,734	224,380,640	236,410,949	248,827,692	261,814,816	275,357,960	289,557,311	304,302,776	319,731,204	336,000,879
Paid	196,060,747	207,586,528	219,588,286	231,360,167	243,508,099	256,212,029	269,460,258	283,351,758	297,780,434	312,881,735	328,811,178
Professional											
Charges	1,566,825,343	1,654,966,686	1,747,030,960	1,839,249,371	1,934,973,053	2,035,509,291	2,139,780,199	2,249,043,338	2,362,981,972	2,482,501,473	2,608,505,392
Allowed	776,137,932	820,047,874	865,852,178	911,741,294	959,440,100	1,009,592,816	1,061,549,119	1,115,920,430	1,172,581,557	1,231,891,875	1,294,286,647
Paid	765,589,121	808,946,315	854,168,254	899,448,339	946,501,659	995,972,249	1,047,215,761	1,100,837,409	1,156,710,185	1,215,191,789	1,276,719,180
Total											
Charges	3,711,358,100	3,927,054,836	4,151,672,667	4,373,568,699	4,603,524,126	4,844,677,405	5,095,695,895	5,358,644,961	5,631,719,994	5,916,860,621	6,216,818,403
Allowed	1,665,730,026	1,762,329,276	1,862,923,676	1,962,632,591	2,066,140,709	2,174,756,696	2,287,713,781	2,406,000,103	2,528,880,413	2,657,034,982	2,791,600,768
Paid	1,646,119,168	1,741,590,464	1,841,010,020	1,939,546,836	2,041,827,189	2,149,150,797	2,260,758,643	2,377,632,344	2,499,039,970	2,625,657,854	2,758,619,623

Appendix B

Medicaid & Medicare Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	228,066,415	245,088,590	262,779,733	279,328,192	296,611,132	314,922,799	334,693,162	355,447,656	377,212,180	400,091,154	423,698,099
Allowed	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Paid	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Inpatient											
Charges	532,646,070	570,428,190	611,519,767	659,510,513	711,245,800	766,399,023	826,123,141	889,582,716	957,721,668	1,030,757,633	1,108,068,667
Allowed	348,259,406	372,934,693	399,530,331	429,987,912	462,758,748	497,585,845	535,422,504	575,592,714	618,869,574	665,449,958	714,750,386
Paid	285,032,017	306,627,292	329,189,877	351,324,176	374,703,149	399,469,938	426,306,055	454,526,773	484,341,402	515,913,885	548,829,249
Outpatient											
Charges	285,561,130	305,776,036	327,694,787	352,585,205	379,191,598	407,509,108	438,075,700	470,453,452	504,801,278	541,259,504	579,846,261
Allowed	197,577,859	211,626,939	226,784,061	243,915,392	262,235,612	281,676,003	302,679,759	324,878,159	348,458,451	373,589,335	400,173,123
Paid	202,617,966	217,332,930	232,903,960	249,693,963	267,623,064	286,552,367	307,083,976	328,677,733	351,766,664	376,497,382	402,520,888
Professional											
Charges	890,137,834	952,819,757	1,019,433,038	1,093,306,773	1,172,795,100	1,256,516,546	1,347,368,320	1,443,545,652	1,548,868,591	1,662,735,633	1,783,005,186
Allowed	531,266,438	568,663,529	608,271,079	651,969,044	698,991,150	748,410,170	802,065,601	858,792,705	921,014,337	988,431,171	1,059,651,948
Paid	529,393,481	566,456,377	605,635,116	648,660,151	694,957,533	743,549,917	796,309,887	852,081,757	913,391,202	979,871,312	1,050,102,666
Total											
Charges	1,936,411,449	2,074,112,573	2,221,427,324	2,384,730,683	2,559,843,629	2,745,347,476	2,946,260,323	3,159,029,475	3,388,603,717	3,634,843,923	3,894,618,213
Allowed	1,262,767,522	1,352,935,472	1,448,831,025	1,553,399,648	1,665,346,059	1,783,682,529	1,911,998,285	2,047,680,486	2,194,125,644	2,351,464,540	2,517,291,314
Paid	1,202,707,283	1,290,126,910	1,381,974,507	1,477,205,591	1,578,644,295	1,685,582,733	1,801,530,339	1,923,703,172	2,055,282,550	2,196,276,655	2,344,168,659

Appendix B

PEIA - Medicare Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	172,042,812	184,495,337	198,212,808	214,842,209	233,006,329	252,363,709	273,246,911	295,602,639	320,249,356	346,814,704	375,005,876
Allowed	110,163,237	118,128,427	126,900,299	137,521,270	149,123,171	161,483,089	174,814,093	189,088,322	204,844,855	221,829,496	239,853,769
Paid	96,699,804	103,716,111	111,439,637	120,774,003	130,969,114	141,827,395	153,533,571	166,063,322	179,892,324	194,790,321	210,598,313
Inpatient											
Charges	209,635,358	224,993,046	241,687,404	261,328,743	282,804,572	305,564,988	330,186,351	356,552,852	386,039,974	417,999,784	451,889,070
Allowed	169,341,346	181,633,926	195,017,849	210,789,838	228,087,440	246,390,323	266,148,368	287,380,163	311,416,143	337,482,218	365,136,414
Paid	157,635,733	169,514,268	182,374,137	197,387,309	213,623,041	230,951,517	249,792,193	269,735,800	291,041,336	314,010,517	338,240,675
Outpatient											
Charges	133,071,458	142,703,213	153,308,847	166,141,379	180,196,982	195,173,297	211,312,723	228,630,966	247,815,571	268,551,468	290,540,666
Allowed	99,374,928	106,529,775	114,415,298	123,984,823	134,476,284	145,646,754	157,676,291	170,596,547	184,959,059	200,489,935	216,964,474
Paid	88,606,737	95,253,815	102,529,339	111,145,690	120,531,551	130,555,449	141,393,187	152,955,709	165,529,175	179,064,960	193,380,687
Professional											
Charges	144,991,012	155,399,482	166,843,211	180,751,935	195,937,503	212,115,826	229,642,401	248,391,243	269,111,806	291,537,767	315,352,019
Allowed	118,609,328	127,076,713	136,379,890	147,653,094	159,982,239	173,099,984	187,303,429	202,532,063	219,513,154	237,912,354	257,455,423
Paid	115,420,218	123,956,284	133,338,450	144,686,585	157,030,951	170,210,522	184,499,525	199,706,598	216,191,002	233,943,814	252,765,021
Total											
Charges	659,740,640	707,591,078	760,052,270	823,064,265	891,945,385	965,217,820	1,044,388,387	1,129,177,700	1,223,216,707	1,324,903,723	1,432,787,632
Allowed	497,488,840	533,368,841	572,713,335	619,949,025	671,669,133	726,620,150	785,942,181	849,597,095	920,733,211	997,714,004	1,079,410,080
Paid	458,362,493	492,440,478	529,681,562	573,993,588	622,154,658	673,544,882	729,218,476	788,461,429	852,653,837	921,809,611	994,984,696

Appendix B

Medicare - Non-Dual Eligible and Non-PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	770,032,166	826,034,046	887,138,224	959,052,822	1,036,826,108	1,119,406,780	1,208,313,788	1,302,883,077	1,406,209,681	1,517,194,181	1,634,971,046
Allowed	417,625,726	447,959,727	481,058,651	519,986,114	562,091,826	606,786,329	654,896,079	706,078,785	762,076,145	822,230,854	886,070,109
Paid	340,879,397	365,695,339	392,753,499	424,465,174	458,739,914	495,103,078	534,222,545	575,814,096	621,291,083	670,121,334	721,941,298
Inpatient											
Charges	968,180,624	1,038,444,796	1,114,318,771	1,201,626,655	1,296,358,011	1,397,304,863	1,506,845,697	1,623,449,095	1,751,953,601	1,890,331,977	2,036,287,053
Allowed	704,775,017	755,304,076	809,946,292	872,863,142	941,371,231	1,014,380,980	1,093,560,072	1,178,132,254	1,272,391,869	1,373,883,288	1,480,865,333
Paid	597,436,400	641,069,530	687,803,120	740,514,012	797,155,613	857,763,570	923,942,322	994,447,880	1,069,140,794	1,148,805,605	1,231,920,107
Outpatient											
Charges	603,660,717	647,480,175	695,431,411	751,799,144	812,760,143	877,301,601	946,663,071	1,020,569,769	1,101,914,582	1,189,690,253	1,283,037,040
Allowed	404,586,612	433,776,267	465,779,768	503,580,600	544,529,016	587,888,438	634,489,177	684,172,809	739,029,834	798,242,181	861,213,295
Paid	333,050,783	357,803,499	384,685,192	415,558,562	448,819,958	484,171,059	522,343,404	562,921,903	606,795,370	653,881,138	703,639,283
Professional											
Charges	647,168,153	693,772,171	744,665,570	805,167,192	870,673,558	940,357,629	1,015,780,709	1,095,988,058	1,183,970,833	1,278,844,476	1,379,626,183
Allowed	474,966,943	509,098,664	546,362,719	590,581,683	638,540,226	689,470,231	744,554,532	803,251,997	868,230,330	938,401,565	1,012,997,546
Paid	430,389,247	462,047,220	496,544,803	537,243,941	581,176,881	628,083,932	678,928,539	732,782,245	790,755,163	852,917,329	918,684,879
Total											
Charges	2,989,041,660	3,205,731,188	3,441,553,976	3,717,645,813	4,016,617,821	4,334,370,873	4,677,603,264	5,042,889,998	5,444,048,698	5,876,060,887	6,333,921,322
Allowed	2,001,954,298	2,146,138,735	2,303,147,430	2,487,011,540	2,686,532,299	2,898,525,977	3,127,499,860	3,371,635,845	3,641,728,177	3,932,757,889	4,241,146,283
Paid	1,701,755,826	1,826,615,588	1,961,786,614	2,117,781,690	2,285,892,367	2,465,121,639	2,659,436,811	2,865,966,125	3,087,982,410	3,325,725,406	3,576,185,567

Appendix B

West Virginia Children's Health Insurance Program Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	16,992,463	18,157,775	19,453,147	20,780,744	22,027,660	23,483,143	25,034,016	26,383,724	27,808,750	29,280,225	30,786,978
Allowed	10,903,360	11,651,126	12,482,317	13,334,205	14,134,368	15,068,354	16,063,584	16,929,653	17,844,074	18,788,281	19,755,007
Paid	8,664,054	9,258,200	9,918,677	10,595,575	11,231,309	11,973,390	12,764,089	13,452,263	14,178,827	14,929,085	15,697,396
Inpatient											
Charges	50,704,170	54,178,120	58,042,991	62,002,136	65,716,226	70,053,169	74,671,330	78,697,006	82,945,227	87,333,810	91,839,106
Allowed	13,950,767	14,906,644	15,970,033	17,059,391	18,081,394	19,274,762	20,545,559	21,653,213	22,822,134	24,029,646	25,269,085
Paid	12,573,758	13,435,250	14,393,673	15,375,482	16,296,537	17,372,048	18,517,309	19,515,614	20,569,115	21,657,416	22,774,616
Outpatient											
Charges	45,190,278	48,290,311	51,735,385	55,266,725	58,584,776	62,457,352	66,584,625	70,174,597	73,965,531	77,879,467	81,883,815
Allowed	14,665,237	15,671,298	16,789,304	17,935,325	19,012,171	20,268,968	21,608,454	22,773,496	24,003,776	25,273,956	26,573,362
Paid	11,207,835	11,976,821	12,831,265	13,707,182	14,530,376	15,491,080	16,515,092	17,405,527	18,345,894	19,316,696	20,309,453
Professional											
Charges	11,610,190	12,407,056	13,292,210	14,199,766	15,053,071	16,048,779	17,110,357	18,032,906	19,007,366	20,013,202	21,040,816
Allowed	7,384,145	7,890,937	8,453,898	9,031,095	9,573,764	10,207,006	10,882,121	11,468,858	12,088,597	12,728,302	13,381,922
Paid	5,934,932	6,342,295	6,794,773	7,258,713	7,694,946	8,203,970	8,746,685	9,218,286	9,716,435	10,230,615	10,755,860
Total											
Charges	124,497,101	133,033,262	142,523,733	152,249,372	161,381,734	172,042,443	183,400,329	193,288,234	203,726,873	214,506,705	225,550,715
Allowed	46,903,509	50,120,006	53,695,552	57,360,016	60,801,698	64,819,089	69,099,717	72,825,220	76,758,581	80,820,186	84,979,377
Paid	38,380,579	41,012,566	43,938,388	46,936,951	49,753,169	53,040,488	56,543,174	59,591,690	62,810,272	66,133,811	69,537,325

Appendix B

Uninsured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	443,989,111	471,912,759	501,216,628	530,559,913	561,145,048	593,355,211	627,471,697	663,523,508	701,615,196	741,756,000	783,999,639
Allowed	443,989,111	471,912,759	501,216,628	530,559,913	561,145,048	593,355,211	627,471,697	663,523,508	701,615,196	741,756,000	783,999,639
Paid	399,682,494	424,930,477	451,417,581	477,901,616	505,503,326	534,566,116	565,357,100	597,889,379	632,260,393	668,488,482	706,616,531
Inpatient											
Charges	1,038,035,603	1,104,238,013	1,173,469,399	1,243,607,731	1,317,604,951	1,396,419,800	1,479,803,327	1,567,952,846	1,660,158,223	1,757,336,110	1,858,606,357
Allowed	1,038,035,603	1,104,238,013	1,173,469,399	1,243,607,731	1,317,604,951	1,396,419,800	1,479,803,327	1,567,952,846	1,660,158,223	1,757,336,110	1,858,606,357
Paid	810,450,008	862,124,188	916,135,665	970,908,061	1,028,817,354	1,090,498,173	1,155,735,042	1,224,772,067	1,297,093,919	1,373,285,099	1,452,622,243
Outpatient											
Charges	1,214,122,450	1,287,669,131	1,365,021,541	1,442,837,200	1,523,841,731	1,609,278,939	1,699,763,608	1,795,510,934	1,896,883,630	2,003,612,996	2,115,872,875
Allowed	1,214,122,450	1,287,669,131	1,365,021,541	1,442,837,200	1,523,841,731	1,609,278,939	1,699,763,608	1,795,510,934	1,896,883,630	2,003,612,996	2,115,872,875
Paid	693,641,751	736,007,156	780,560,241	825,374,907	872,058,701	921,319,620	973,543,729	1,028,823,861	1,087,367,482	1,148,982,785	1,213,732,603
Professional											
Charges	471,325,083	498,226,740	526,533,328	555,287,252	585,271,230	616,934,825	650,333,186	685,640,433	722,975,100	762,377,014	803,855,696
Allowed	471,325,083	498,226,740	526,533,328	555,287,252	585,271,230	616,934,825	650,333,186	685,640,433	722,975,100	762,377,014	803,855,696
Paid	377,037,379	398,529,640	421,141,275	444,112,245	468,076,969	493,387,080	520,079,992	548,296,064	578,144,227	609,653,149	642,823,084
Total											
Charges	3,167,472,246	3,362,046,643	3,566,240,895	3,772,292,096	3,987,862,960	4,215,988,776	4,457,371,819	4,712,627,721	4,981,632,148	5,265,082,121	5,562,334,566
Allowed	3,167,472,246	3,362,046,643	3,566,240,895	3,772,292,096	3,987,862,960	4,215,988,776	4,457,371,819	4,712,627,721	4,981,632,148	5,265,082,121	5,562,334,566
Paid	2,280,811,633	2,421,591,461	2,569,254,762	2,718,296,829	2,874,456,350	3,039,770,989	3,214,715,864	3,399,781,371	3,594,866,020	3,800,409,514	4,015,794,461

Appendix C

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Appendix C

Initiative I - Medicaid Expansion

Allowed Charges by Insurance Coverage (in \$millions)						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$593.7	\$634.1	\$675.7	\$715.9	\$757.7	\$801.7
WV CHIP	46.9	50.1	53.7	57.4	60.8	64.8
Medicaid Non-Duals	1,665.7	1,762.3	1,957.8	2,162.3	2,276.0	2,395.4
Commercially Insured	3,890.5	4,145.6	4,411.5	4,684.1	4,973.3	5,279.0
Uninsured	3,167.5	3,362.0	3,209.7	3,020.9	3,197.1	3,383.8
PEIA Medicare	497.5	533.4	572.7	619.9	671.7	726.6
Medicare- & Medicaid Duals	1,262.8	1,352.9	1,448.8	1,553.4	1,665.3	1,783.7
<u>Medicare Non-Medicaid/PEIA</u>	<u>2,002.0</u>	<u>2,146.1</u>	<u>2,303.1</u>	<u>2,487.0</u>	<u>2,686.5</u>	<u>2,898.5</u>
West Virginia	\$13,126.6	\$13,986.7	\$14,633.0	\$15,301.0	\$16,288.5	\$17,333.6
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$847.9	\$895.6	\$943.5	\$993.1	\$1,045.0	
WV CHIP	69.1	72.8	76.8	80.8	85.0	
Medicaid Non-Duals	2,519.7	2,650.0	2,785.6	2,926.9	3,075.3	
Commercially Insured	5,601.9	5,942.6	6,299.9	6,675.6	7,069.0	
Uninsured	3,581.4	3,790.4	4,011.1	4,244.3	4,489.1	
PEIA Medicare	785.9	849.6	920.7	997.7	1,079.4	
Medicare- & Medicaid Duals	1,912.0	2,047.7	2,194.1	2,351.5	2,517.3	
<u>Medicare Non-Medicaid/PEIA</u>	<u>3,127.5</u>	<u>3,371.6</u>	<u>3,641.7</u>	<u>3,932.8</u>	<u>4,241.1</u>	
West Virginia	\$18,445.5	\$19,620.3	\$20,873.4	\$22,202.7	\$23,601.2	

Savings by Insurance Category						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
WV CHIP	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid Non-Duals	0.0	0.0	-94.9	-199.7	-209.9	-220.6
Commercially Insured	0.0	0.0	0.0	0.0	0.0	0.0
Uninsured	0.0	0.0	356.5	751.4	790.8	832.2
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	\$0.0	\$0.0	\$261.7	\$551.7	\$580.9	\$611.5
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
WV CHIP	0.0	0.0	0.0	0.0	0.0	
Medicaid Non-Duals	-232.0	-244.0	-256.7	-269.9	-283.7	
Commercially Insured	0.0	0.0	0.0	0.0	0.0	
Uninsured	876.0	922.2	970.5	1,020.8	1,073.2	
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
West Virginia	\$644.0	\$678.2	\$713.8	\$750.8	\$789.6	

Appendix C

2014 West Virginia Health Care Expenditures									
	<u>PEIA Non-Medicare</u>	<u>West Virginia CHIP</u>	<u>Medicaid Non-Duals</u>	<u>Commercially Insured</u>	<u>Uninsured</u>	<u>PEIA Medicare</u>	<u>Medicare and Medicaid Duals</u>	<u>Medicare Non- Medicaid/PEIA</u>	<u>Total Population</u>
Drugs									
Charges	322,388,892	23,483,143	948,426,526	2,116,898,662	472,979,010	252,363,709	314,922,799	1,119,406,780	5,570,869,521
Allowed	207,004,277	15,068,354	625,730,498	1,358,016,911	472,979,010	161,483,089	256,010,511	606,786,329	3,703,078,978
Paid	164,344,537	11,973,390	625,662,196	1,079,713,765	426,143,741	141,827,395	256,010,511	495,103,078	3,200,778,613
Inpatient									
Charges	834,440,248	70,053,169	1,238,539,669	5,600,395,332	1,133,251,975	305,564,988	766,399,023	1,397,304,863	11,345,949,266
Allowed	229,667,346	19,274,762	374,136,862	1,543,374,922	1,133,251,975	246,390,323	497,585,845	1,014,380,980	5,058,063,015
Paid	206,810,550	17,372,048	367,103,713	1,391,367,578	886,628,797	230,951,517	399,469,938	857,763,570	4,357,467,710
Outpatient									
Charges	750,148,870	62,457,352	932,085,918	4,909,750,346	1,275,280,118	195,173,297	407,509,108	877,301,601	9,409,706,609
Allowed	243,940,356	20,268,968	290,209,397	1,595,389,858	1,275,280,118	145,646,754	281,676,003	587,888,438	4,440,299,891
Paid	187,339,501	15,491,080	284,071,630	1,222,270,544	730,534,067	130,555,449	286,552,367	484,171,059	3,340,985,697
Professional									
Charges	190,136,295	16,048,779	2,223,590,437	1,226,015,433	502,271,314	212,115,826	1,256,516,546	940,357,629	6,567,052,260
Allowed	121,122,874	10,207,006	1,105,355,297	782,192,146	502,271,314	173,099,984	748,410,170	689,470,231	4,132,129,023
Paid	97,410,003	8,203,970	1,091,096,397	627,972,089	403,103,628	170,210,522	743,549,917	628,083,932	3,769,630,457
Total									
Charges	2,097,114,304	172,042,443	5,342,642,549	13,853,059,773	3,383,782,417	965,217,820	2,745,347,476	4,334,370,873	32,893,577,656
Allowed	801,734,853	64,819,089	2,395,432,054	5,278,973,837	3,383,782,417	726,620,150	1,783,682,529	2,898,525,977	17,333,570,907
Paid	655,904,592	53,040,488	2,367,933,935	4,321,323,975	2,446,410,233	673,544,882	1,685,582,733	2,465,121,639	14,668,862,478

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Total West Virginia Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	4,075,120,875	4,349,249,390	4,626,423,412	4,915,634,263	5,234,170,505	5,570,869,521	5,928,986,482	6,306,179,572	6,705,819,565	7,127,751,603	7,571,759,937
Allowed	2,748,635,426	2,932,703,703	3,100,884,680	3,273,247,603	3,482,278,068	3,703,078,978	3,937,695,273	4,184,782,977	4,446,428,798	4,722,519,989	5,012,862,453
Paid	2,375,747,930	2,534,754,647	2,681,590,970	2,831,432,266	3,011,069,895	3,200,778,613	3,402,327,294	3,614,530,385	3,839,121,769	4,076,023,605	4,325,067,119
Inpatient											
Charges	8,348,654,938	8,910,200,432	9,440,879,867	9,994,504,933	10,648,560,337	11,345,949,266	12,087,894,075	12,872,929,352	13,709,246,807	14,598,388,982	15,530,352,611
Allowed	3,825,730,605	4,083,407,188	4,258,438,097	4,440,632,922	4,739,751,916	5,058,063,015	5,397,336,769	5,756,728,057	6,141,000,032	6,549,909,282	6,978,577,447
Paid	3,281,893,252	3,505,515,020	3,668,425,410	3,834,085,080	4,087,521,056	4,357,467,710	4,645,347,818	4,949,683,024	5,269,642,114	5,608,454,825	5,961,903,452
Outpatient											
Charges	7,112,563,611	7,573,712,847	7,955,344,237	8,343,837,032	8,862,333,642	9,409,706,609	9,990,227,705	10,601,774,452	11,248,505,776	11,930,555,658	12,648,772,405
Allowed	3,490,625,931	3,716,611,407	3,824,135,196	3,928,553,538	4,177,428,896	4,440,299,891	4,719,824,325	5,014,978,211	5,328,943,222	5,660,980,085	6,010,962,206
Paid	2,565,076,030	2,734,582,479	2,843,407,039	2,952,325,888	3,141,258,915	3,340,985,697	3,553,854,275	3,778,371,718	4,016,417,470	4,268,071,053	4,532,813,053
Professional											
Charges	4,803,643,968	5,103,176,470	5,451,496,126	5,824,320,909	6,185,822,153	6,567,052,260	6,972,052,230	7,399,695,940	7,856,627,957	8,342,516,594	8,855,380,452
Allowed	3,061,562,887	3,254,000,130	3,449,519,399	3,658,529,341	3,889,043,038	4,132,129,023	4,390,668,775	4,663,822,512	4,957,032,694	5,269,258,875	5,598,832,685
Paid	2,771,741,676	2,947,176,626	3,134,892,126	3,335,896,512	3,546,892,297	3,769,630,457	4,006,709,769	4,256,761,882	4,523,496,548	4,807,179,437	5,106,309,096
Total											
Charges	24,339,983,391	25,936,339,139	27,474,143,642	29,078,297,138	30,930,886,637	32,893,577,656	34,979,160,492	37,180,579,317	39,520,200,104	41,999,212,836	44,606,265,405
Allowed	13,126,554,849	13,986,722,427	14,632,977,372	15,300,963,404	16,288,501,918	17,333,570,907	18,445,525,143	19,620,311,757	20,873,404,746	22,202,668,231	23,601,234,790
Paid	10,994,458,887	11,722,028,771	12,328,315,545	12,953,739,746	13,786,742,163	14,668,862,478	15,608,239,156	16,599,347,009	17,648,677,901	18,759,728,920	19,926,092,720

Appendix C

Commercially Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	1,552,235,244	1,656,722,551	1,765,536,273	1,876,369,414	1,993,373,770	2,116,898,662	2,247,802,511	2,385,335,489	2,529,454,029	2,680,782,820	2,839,752,360
Allowed	995,978,981	1,062,913,753	1,132,640,746	1,203,710,007	1,278,777,469	1,358,016,911	1,441,927,928	1,530,136,355	1,622,734,676	1,720,047,968	1,822,286,763
Paid	791,441,804	844,781,919	900,342,554	956,905,895	1,016,637,829	1,079,713,765	1,146,538,978	1,216,770,265	1,290,526,274	1,368,075,693	1,449,565,355
Inpatient											
Charges	4,089,388,740	4,363,078,064	4,648,618,402	4,944,312,729	5,261,142,006	5,600,395,332	5,959,879,908	6,341,958,961	6,749,424,990	7,183,401,328	7,636,734,164
Allowed	1,125,269,523	1,200,996,335	1,280,003,886	1,361,957,569	1,449,772,497	1,543,374,922	1,641,946,395	1,746,241,367	1,855,459,480	1,970,978,343	2,091,256,707
Paid	1,014,169,883	1,082,357,921	1,153,518,619	1,227,407,786	1,306,783,289	1,391,367,578	1,480,302,872	1,574,521,834	1,673,509,345	1,778,218,076	1,887,184,727
Outpatient											
Charges	3,631,245,871	3,867,113,623	4,112,985,327	4,364,448,252	4,629,915,161	4,909,750,346	5,206,103,787	5,518,459,894	5,847,268,974	6,192,616,613	6,555,290,738
Allowed	1,178,884,531	1,255,907,619	1,336,157,562	1,418,021,003	1,504,383,928	1,595,389,858	1,691,858,992	1,793,525,428	1,900,404,274	2,012,434,152	2,130,024,490
Paid	901,049,497	960,330,722	1,022,153,664	1,085,295,785	1,151,954,146	1,222,270,544	1,296,854,203	1,375,479,201	1,458,279,718	1,545,099,631	1,636,193,350
Professional											
Charges	927,664,760	982,836,689	1,040,153,633	1,098,875,255	1,160,942,011	1,226,015,433	1,294,502,727	1,366,965,043	1,442,594,525	1,521,731,345	1,604,760,871
Allowed	590,360,429	625,823,275	662,673,567	700,446,385	740,370,407	782,192,146	826,185,945	872,698,987	921,267,735	972,093,248	1,025,429,380
Paid	474,323,146	502,706,661	532,210,266	562,462,369	594,460,297	627,972,089	663,194,282	700,443,605	739,370,852	780,107,469	822,854,854
Total											
Charges	10,200,534,615	10,869,750,928	11,567,293,635	12,284,005,649	13,045,372,948	13,853,059,773	14,708,288,933	15,612,719,386	16,568,742,517	17,578,532,106	18,636,538,133
Allowed	3,890,493,463	4,145,640,982	4,411,475,761	4,684,134,965	4,973,304,302	5,278,973,837	5,601,919,260	5,942,602,138	6,299,866,165	6,675,553,712	7,068,997,340
Paid	3,180,984,330	3,390,177,223	3,608,225,103	3,832,071,834	4,069,835,562	4,321,323,975	4,586,890,334	4,867,214,905	5,161,686,189	5,471,500,869	5,795,798,286

Appendix C

PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	237,681,401	254,265,685	271,295,685	287,645,681	304,587,046	322,388,892	341,064,152	360,281,969	379,586,483	399,508,794	420,410,767
Allowed	152,658,446	163,292,461	174,215,397	184,707,465	195,579,304	207,004,277	218,984,346	231,311,274	243,702,655	256,494,126	269,915,681
Paid	121,110,862	129,576,976	138,272,135	146,615,995	155,261,015	164,344,537	173,869,616	183,666,599	193,514,523	203,682,817	214,354,409
Inpatient											
Charges	611,920,683	655,181,833	699,549,856	742,556,099	787,280,038	834,440,248	884,063,168	935,131,425	986,164,286	1,038,873,306	1,093,959,137
Allowed	168,492,265	180,361,970	192,541,741	204,374,957	216,684,601	229,667,346	243,324,033	257,357,418	271,331,128	285,769,714	300,839,989
Paid	151,731,848	162,414,264	173,372,965	184,025,055	195,117,919	206,810,550	219,109,148	231,748,013	244,341,574	257,346,233	270,920,388
Outpatient											
Charges	557,403,903	594,823,226	633,350,467	670,670,060	709,399,484	750,148,870	792,887,022	837,013,637	881,685,164	927,948,126	976,444,383
Allowed	181,081,642	193,315,644	205,900,717	218,050,995	230,662,843	243,940,356	257,885,364	272,293,621	286,884,272	301,982,831	317,784,238
Paid	138,840,714	148,291,008	158,010,073	167,377,952	177,098,504	187,339,501	198,102,613	209,220,530	220,473,013	232,111,632	244,283,336
Professional											
Charges	143,921,593	152,747,889	161,871,210	170,876,957	180,260,703	190,136,295	200,475,267	211,192,333	222,150,597	233,526,781	245,445,394
Allowed	91,512,591	97,172,397	103,020,831	108,790,874	114,801,337	121,122,874	127,738,359	134,590,774	141,591,020	148,856,167	156,466,441
Paid	73,654,152	78,191,833	82,882,084	87,511,673	92,335,500	97,410,003	102,720,554	108,220,981	113,844,711	119,683,516	125,799,422
Total											
Charges	1,550,927,579	1,657,018,633	1,766,067,218	1,871,748,796	1,981,527,271	2,097,114,304	2,218,489,609	2,343,619,365	2,469,586,529	2,599,857,008	2,736,259,681
Allowed	593,744,944	634,142,473	675,678,686	715,924,291	757,728,085	801,734,853	847,932,103	895,553,087	943,509,075	993,102,838	1,045,006,349
Paid	485,337,576	518,474,082	552,537,256	585,530,675	619,812,937	655,904,592	693,801,931	732,856,123	772,173,821	812,824,198	855,357,555

Appendix C

Medicaid - Non-Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	654,081,262	692,572,647	772,294,035	855,662,315	900,953,437	948,426,526	998,092,443	1,050,170,678	1,104,157,806	1,160,123,809	1,218,619,644
Allowed	431,652,745	457,135,137	509,628,210	564,508,356	594,426,356	625,730,498	658,439,323	692,747,339	728,301,832	765,179,271	803,750,101
Paid	431,605,695	457,085,312	509,572,623	564,446,740	594,361,473	625,662,196	658,367,448	692,671,716	728,222,320	765,095,722	803,662,330
Inpatient											
Charges	848,143,690	899,658,370	1,006,179,725	1,116,761,057	1,176,223,257	1,238,539,669	1,303,661,993	1,371,872,047	1,442,518,369	1,516,003,581	1,593,202,685
Allowed	257,606,677	273,031,531	304,465,013	337,193,112	355,205,577	374,136,862	393,927,354	414,685,677	436,231,010	458,628,551	482,086,806
Paid	252,863,605	267,972,308	298,776,746	330,865,379	348,532,526	367,103,713	386,517,982	406,884,833	428,024,614	450,002,022	473,022,914
Outpatient											
Charges	642,307,805	679,857,133	759,092,585	841,937,066	885,982,386	932,085,918	980,200,780	1,030,722,637	1,083,227,699	1,138,164,314	1,196,095,885
Allowed	200,332,672	212,114,734	236,563,057	262,076,197	275,825,931	290,209,397	305,226,292	320,988,650	337,376,580	354,521,782	372,595,605
Paid	196,060,747	207,586,528	231,541,586	256,542,685	269,998,270	284,071,630	298,765,178	314,189,685	330,229,763	347,015,862	364,716,360
Professional											
Charges	1,566,825,343	1,654,966,686	1,827,987,612	2,009,614,377	2,113,967,313	2,223,590,437	2,337,372,455	2,456,703,366	2,581,245,186	2,711,872,159	2,849,594,638
Allowed	776,137,932	820,047,874	907,107,772	998,528,511	1,050,591,020	1,105,355,297	1,162,138,793	1,221,609,789	1,283,648,468	1,348,580,837	1,416,894,679
Paid	765,589,121	808,946,315	895,150,436	985,659,091	1,037,045,624	1,091,096,397	1,147,134,210	1,205,820,396	1,267,033,286	1,331,096,512	1,398,499,926
Total											
Charges	3,711,358,100	3,927,054,836	4,365,553,957	4,823,974,815	5,077,126,392	5,342,642,549	5,619,327,671	5,909,468,728	6,211,149,060	6,526,163,863	6,857,512,852
Allowed	1,665,730,026	1,762,329,276	1,957,764,052	2,162,306,176	2,276,048,884	2,395,432,054	2,519,731,762	2,650,031,456	2,785,557,890	2,926,910,441	3,075,327,191
Paid	1,646,119,168	1,741,590,464	1,935,041,392	2,137,513,895	2,249,937,894	2,367,933,935	2,490,784,818	2,619,566,630	2,753,509,982	2,893,210,119	3,039,901,530

Appendix C

Medicaid & Medicare Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	228,066,415	245,088,590	262,779,733	279,328,192	296,611,132	314,922,799	334,693,162	355,447,656	377,212,180	400,091,154	423,698,099
Allowed	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Paid	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Inpatient											
Charges	532,646,070	570,428,190	611,519,767	659,510,513	711,245,800	766,399,023	826,123,141	889,582,716	957,721,668	1,030,757,633	1,108,068,667
Allowed	348,259,406	372,934,693	399,530,331	429,987,912	462,758,748	497,585,845	535,422,504	575,592,714	618,869,574	665,449,958	714,750,386
Paid	285,032,017	306,627,292	329,189,877	351,324,176	374,703,149	399,469,938	426,306,055	454,526,773	484,341,402	515,913,885	548,829,249
Outpatient											
Charges	285,561,130	305,776,036	327,694,787	352,585,205	379,191,598	407,509,108	438,075,700	470,453,452	504,801,278	541,259,504	579,846,261
Allowed	197,577,859	211,626,939	226,784,061	243,915,392	262,235,612	281,676,003	302,679,759	324,878,159	348,458,451	373,589,335	400,173,123
Paid	202,617,966	217,332,930	232,903,960	249,693,963	267,623,064	286,552,367	307,083,976	328,677,733	351,766,664	376,497,382	402,520,888
Professional											
Charges	890,137,834	952,819,757	1,019,433,038	1,093,306,773	1,172,795,100	1,256,516,546	1,347,368,320	1,443,545,652	1,548,868,591	1,662,735,633	1,783,005,186
Allowed	531,266,438	568,663,529	608,271,079	651,969,044	698,991,150	748,410,170	802,065,601	858,792,705	921,014,337	988,431,171	1,059,651,948
Paid	529,393,481	566,456,377	605,635,116	648,660,151	694,957,533	743,549,917	796,309,887	852,081,757	913,391,202	979,871,312	1,050,102,666
Total											
Charges	1,936,411,449	2,074,112,573	2,221,427,324	2,384,730,683	2,559,843,629	2,745,347,476	2,946,260,323	3,159,029,475	3,388,603,717	3,634,843,923	3,894,618,213
Allowed	1,262,767,522	1,352,935,472	1,448,831,025	1,553,399,648	1,665,346,059	1,783,682,529	1,911,998,285	2,047,680,486	2,194,125,644	2,351,464,540	2,517,291,314
Paid	1,202,707,283	1,290,126,910	1,381,974,507	1,477,205,591	1,578,644,295	1,685,582,733	1,801,530,339	1,923,703,172	2,055,282,550	2,196,276,655	2,344,168,659

Appendix C

PEIA - Medicare Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	172,042,812	184,495,337	198,212,808	214,842,209	233,006,329	252,363,709	273,246,911	295,602,639	320,249,356	346,814,704	375,005,876
Allowed	110,163,237	118,128,427	126,900,299	137,521,270	149,123,171	161,483,089	174,814,093	189,088,322	204,844,855	221,829,496	239,853,769
Paid	96,699,804	103,716,111	111,439,637	120,774,003	130,969,114	141,827,395	153,533,571	166,063,322	179,892,324	194,790,321	210,598,313
Inpatient											
Charges	209,635,358	224,993,046	241,687,404	261,328,743	282,804,572	305,564,988	330,186,351	356,552,852	386,039,974	417,999,784	451,889,070
Allowed	169,341,346	181,633,926	195,017,849	210,789,838	228,087,440	246,390,323	266,148,368	287,380,163	311,416,143	337,482,218	365,136,414
Paid	157,635,733	169,514,268	182,374,137	197,387,309	213,623,041	230,951,517	249,792,193	269,735,800	291,041,336	314,010,517	338,240,675
Outpatient											
Charges	133,071,458	142,703,213	153,308,847	166,141,379	180,196,982	195,173,297	211,312,723	228,630,966	247,815,571	268,551,468	290,540,666
Allowed	99,374,928	106,529,775	114,415,298	123,984,823	134,476,284	145,646,754	157,676,291	170,596,547	184,959,059	200,489,935	216,964,474
Paid	88,606,737	95,253,815	102,529,339	111,145,690	120,531,551	130,555,449	141,393,187	152,955,709	165,529,175	179,064,960	193,380,687
Professional											
Charges	144,991,012	155,399,482	166,843,211	180,751,935	195,937,503	212,115,826	229,642,401	248,391,243	269,111,806	291,537,767	315,352,019
Allowed	118,609,328	127,076,713	136,379,890	147,653,094	159,982,239	173,099,984	187,303,429	202,532,063	219,513,154	237,912,354	257,455,423
Paid	115,420,218	123,956,284	133,338,450	144,686,585	157,030,951	170,210,522	184,499,525	199,706,598	216,191,002	233,943,814	252,765,021
Total											
Charges	659,740,640	707,591,078	760,052,270	823,064,265	891,945,385	965,217,820	1,044,388,387	1,129,177,700	1,223,216,707	1,324,903,723	1,432,787,632
Allowed	497,488,840	533,368,841	572,713,335	619,949,025	671,669,133	726,620,150	785,942,181	849,597,095	920,733,211	997,714,004	1,079,410,080
Paid	458,362,493	492,440,478	529,681,562	573,993,588	622,154,658	673,544,882	729,218,476	788,461,429	852,653,837	921,809,611	994,984,696

Appendix C

Medicare - Non-Dual Eligible and Non-PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	770,032,166	826,034,046	887,138,224	959,052,822	1,036,826,108	1,119,406,780	1,208,313,788	1,302,883,077	1,406,209,681	1,517,194,181	1,634,971,046
Allowed	417,625,726	447,959,727	481,058,651	519,986,114	562,091,826	606,786,329	654,896,079	706,078,785	762,076,145	822,230,854	886,070,109
Paid	340,879,397	365,695,339	392,753,499	424,465,174	458,739,914	495,103,078	534,222,545	575,814,096	621,291,083	670,121,334	721,941,298
Inpatient											
Charges	968,180,624	1,038,444,796	1,114,318,771	1,201,626,655	1,296,358,011	1,397,304,863	1,506,845,697	1,623,449,095	1,751,953,601	1,890,331,977	2,036,287,053
Allowed	704,775,017	755,304,076	809,946,292	872,863,142	941,371,231	1,014,380,980	1,093,560,072	1,178,132,254	1,272,391,869	1,373,883,288	1,480,865,333
Paid	597,436,400	641,069,530	687,803,120	740,514,012	797,155,613	857,763,570	923,942,322	994,447,880	1,069,140,794	1,148,805,605	1,231,920,107
Outpatient											
Charges	603,660,717	647,480,175	695,431,411	751,799,144	812,760,143	877,301,601	946,663,071	1,020,569,769	1,101,914,582	1,189,690,253	1,283,037,040
Allowed	404,586,612	433,776,267	465,779,768	503,580,600	544,529,016	587,888,438	634,489,177	684,172,809	739,029,834	798,242,181	861,213,295
Paid	333,050,783	357,803,499	384,685,192	415,558,562	448,819,958	484,171,059	522,343,404	562,921,903	606,795,370	653,881,138	703,639,283
Professional											
Charges	647,168,153	693,772,171	744,665,570	805,167,192	870,673,558	940,357,629	1,015,780,709	1,095,988,058	1,183,970,833	1,278,844,476	1,379,626,183
Allowed	474,966,943	509,098,664	546,362,719	590,581,683	638,540,226	689,470,231	744,554,532	803,251,997	868,230,330	938,401,565	1,012,997,546
Paid	430,389,247	462,047,220	496,544,803	537,243,941	581,176,881	628,083,932	678,928,539	732,782,245	790,755,163	852,917,329	918,684,879
Total											
Charges	2,989,041,660	3,205,731,188	3,441,553,976	3,717,645,813	4,016,617,821	4,334,370,873	4,677,603,264	5,042,889,998	5,444,048,698	5,876,060,887	6,333,921,322
Allowed	2,001,954,298	2,146,138,735	2,303,147,430	2,487,011,540	2,686,532,299	2,898,525,977	3,127,499,860	3,371,635,845	3,641,728,177	3,932,757,889	4,241,146,283
Paid	1,701,755,826	1,826,615,588	1,961,786,614	2,117,781,690	2,285,892,367	2,465,121,639	2,659,436,811	2,865,966,125	3,087,982,410	3,325,725,406	3,576,185,567

Appendix C

West Virginia Children's Health Insurance Program Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	16,992,463	18,157,775	19,453,147	20,780,744	22,027,660	23,483,143	25,034,016	26,383,724	27,808,750	29,280,225	30,786,978
Allowed	10,903,360	11,651,126	12,482,317	13,334,205	14,134,368	15,068,354	16,063,584	16,929,653	17,844,074	18,788,281	19,755,007
Paid	8,664,054	9,258,200	9,918,677	10,595,575	11,231,309	11,973,390	12,764,089	13,452,263	14,178,827	14,929,085	15,697,396
Inpatient											
Charges	50,704,170	54,178,120	58,042,991	62,002,136	65,716,226	70,053,169	74,671,330	78,697,006	82,945,227	87,333,810	91,839,106
Allowed	13,950,767	14,906,644	15,970,033	17,059,391	18,081,394	19,274,762	20,545,559	21,653,213	22,822,134	24,029,646	25,269,085
Paid	12,573,758	13,435,250	14,393,673	15,375,482	16,296,537	17,372,048	18,517,309	19,515,614	20,569,115	21,657,416	22,774,616
Outpatient											
Charges	45,190,278	48,290,311	51,735,385	55,266,725	58,584,776	62,457,352	66,584,625	70,174,597	73,965,531	77,879,467	81,883,815
Allowed	14,665,237	15,671,298	16,789,304	17,935,325	19,012,171	20,268,968	21,608,454	22,773,496	24,003,776	25,273,956	26,573,362
Paid	11,207,835	11,976,821	12,831,265	13,707,182	14,530,376	15,491,080	16,515,092	17,405,527	18,345,894	19,316,696	20,309,453
Professional											
Charges	11,610,190	12,407,056	13,292,210	14,199,766	15,053,071	16,048,779	17,110,357	18,032,906	19,007,366	20,013,202	21,040,816
Allowed	7,384,145	7,890,937	8,453,898	9,031,095	9,573,764	10,207,006	10,882,121	11,468,858	12,088,597	12,728,302	13,381,922
Paid	5,934,932	6,342,295	6,794,773	7,258,713	7,694,946	8,203,970	8,746,685	9,218,286	9,716,435	10,230,615	10,755,860
Total											
Charges	124,497,101	133,033,262	142,523,733	152,249,372	161,381,734	172,042,443	183,400,329	193,288,234	203,726,873	214,506,705	225,550,715
Allowed	46,903,509	50,120,006	53,695,552	57,360,016	60,801,698	64,819,089	69,099,717	72,825,220	76,758,581	80,820,186	84,979,377
Paid	38,380,579	41,012,566	43,938,388	46,936,951	49,753,169	53,040,488	56,543,174	59,591,690	62,810,272	66,133,811	69,537,325

Appendix C

Uninsured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	443,989,111	471,912,759	449,713,507	421,952,886	446,785,025	472,979,010	500,739,499	530,074,340	561,141,280	593,955,916	628,515,166
Allowed	443,989,111	471,912,759	449,713,507	421,952,886	446,785,025	472,979,010	500,739,499	530,074,340	561,141,280	593,955,916	628,515,166
Paid	399,682,494	424,930,477	405,046,291	380,101,585	402,508,691	426,143,741	451,200,625	477,675,215	505,713,135	535,334,558	566,532,162
Inpatient											
Charges	1,038,035,603	1,104,238,013	1,060,962,952	1,006,407,001	1,067,790,427	1,133,251,975	1,202,462,485	1,275,685,251	1,352,478,694	1,433,687,563	1,518,372,727
Allowed	1,038,035,603	1,104,238,013	1,060,962,952	1,006,407,001	1,067,790,427	1,133,251,975	1,202,462,485	1,275,685,251	1,352,478,694	1,433,687,563	1,518,372,727
Paid	810,450,008	862,124,188	828,996,273	787,185,881	835,308,981	886,628,797	940,859,937	998,302,277	1,058,673,935	1,122,501,070	1,189,010,776
Outpatient											
Charges	1,214,122,450	1,287,669,131	1,221,745,428	1,140,989,203	1,206,303,111	1,275,280,118	1,348,399,997	1,425,749,500	1,507,826,976	1,594,445,912	1,685,633,619
Allowed	1,214,122,450	1,287,669,131	1,221,745,428	1,140,989,203	1,206,303,111	1,275,280,118	1,348,399,997	1,425,749,500	1,507,826,976	1,594,445,912	1,685,633,619
Paid	693,641,751	736,007,156	698,751,960	653,004,068	690,703,045	730,534,067	772,796,623	817,521,429	864,997,872	915,083,752	967,769,696
Professional											
Charges	471,325,083	498,226,740	477,249,643	451,528,655	476,192,895	502,271,314	529,799,994	558,877,338	589,679,054	622,255,230	656,555,345
Allowed	471,325,083	498,226,740	477,249,643	451,528,655	476,192,895	502,271,314	529,799,994	558,877,338	589,679,054	622,255,230	656,555,345
Paid	377,037,379	398,529,640	382,336,198	362,413,989	382,190,565	403,103,628	425,176,087	448,488,014	473,193,898	499,328,870	526,846,468
Total											
Charges	3,167,472,246	3,362,046,643	3,209,671,530	3,020,877,744	3,197,071,458	3,383,782,417	3,581,401,976	3,790,386,431	4,011,126,003	4,244,344,621	4,489,076,857
Allowed	3,167,472,246	3,362,046,643	3,209,671,530	3,020,877,744	3,197,071,458	3,383,782,417	3,581,401,976	3,790,386,431	4,011,126,003	4,244,344,621	4,489,076,857
Paid	2,280,811,633	2,421,591,461	2,315,130,723	2,182,705,522	2,310,711,282	2,446,410,233	2,590,033,272	2,741,986,935	2,902,578,840	3,072,248,250	3,250,159,102

Appendix D

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Appendix D

Initiative II - Employer & Individual Mandate High Cost Policy

Allowed Charges by Insurance Coverage (in \$millions)						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$593.7	\$634.1	\$675.7	\$715.9	\$757.7	\$801.7
WV CHIP	46.9	50.1	53.7	57.4	60.8	64.8
Medicaid Non-Duals	1,665.7	1,762.3	1,957.8	2,162.3	2,276.0	2,395.4
Commercially Insured	3,890.5	4,145.6	4,588.4	5,231.7	5,779.2	6,224.3
Uninsured	3,167.5	3,362.0	2,754.6	1,612.2	1,123.5	951.2
PEIA Medicare	497.5	533.4	572.7	619.9	671.7	726.6
Medicare- & Medicaid Duals	1,262.8	1,352.9	1,448.8	1,553.4	1,665.3	1,783.7
<u>Medicare Non-Medicaid/PEIA</u>	<u>2,002.0</u>	<u>2,146.1</u>	<u>2,303.1</u>	<u>2,487.0</u>	<u>2,686.5</u>	<u>2,898.5</u>
West Virginia	\$13,126.6	\$13,986.7	\$14,354.8	\$14,439.8	\$15,020.9	\$15,846.4
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$847.9	\$895.6	\$943.5	\$993.1	\$1,045.0	
WV CHIP	69.1	72.8	76.8	80.8	85.0	
Medicaid Non-Duals	2,519.7	2,650.0	2,785.6	2,926.9	3,075.3	
Commercially Insured	6,650.8	7,051.1	7,471.3	7,913.7	8,377.4	
Uninsured	882.2	937.8	996.2	1,057.4	1,121.3	
PEIA Medicare	785.9	849.6	920.7	997.7	1,079.4	
Medicare- & Medicaid Duals	1,912.0	2,047.7	2,194.1	2,351.5	2,517.3	
<u>Medicare Non-Medicaid/PEIA</u>	<u>3,127.5</u>	<u>3,371.6</u>	<u>3,641.7</u>	<u>3,932.8</u>	<u>4,241.1</u>	
West Virginia	\$16,795.3	\$17,876.2	\$19,030.0	\$20,253.9	\$21,541.8	

Savings by Insurance Category						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
WV CHIP	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid Non-Duals	0.0	0.0	-94.9	-199.7	-209.9	-220.6
Commercially Insured	0.0	0.0	-176.9	-547.6	-805.9	-945.3
Uninsured	0.0	0.0	811.6	2,160.1	2,864.4	3,264.8
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	\$0.0	\$0.0	\$539.9	\$1,412.9	\$1,848.5	\$2,098.7
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
WV CHIP	0.0	0.0	0.0	0.0	0.0	
Medicaid Non-Duals	-232.0	-244.0	-256.7	-269.9	-283.7	
Commercially Insured	-1,048.9	-1,108.5	-1,171.4	-1,238.1	-1,308.4	
Uninsured	3,575.2	3,774.8	3,985.4	4,207.7	4,441.0	
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
West Virginia	\$2,294.2	\$2,422.3	\$2,557.2	\$2,699.6	\$2,849.0	

Appendix D

2014 West Virginia Health Care Expenditures									
	<u>PEIA Non-Medicare</u>	<u>West Virginia CHIP</u>	<u>Medicaid Non-Duals</u>	<u>Commercially Insured</u>	<u>Uninsured</u>	<u>PEIA Medicare</u>	<u>Medicare and Medicaid Duals</u>	<u>Medicare Non- Medicaid/PEIA</u>	<u>Total Population</u>
Drugs									
Charges	322,388,892	23,483,143	948,426,526	2,492,501,823	132,963,935	252,363,709	314,922,799	1,119,406,780	5,606,457,606
Allowed	207,004,277	15,068,354	625,730,498	1,598,381,307	132,963,935	161,483,089	256,010,511	606,786,329	3,603,428,300
Paid	164,344,537	11,973,390	625,662,196	1,268,466,234	119,797,596	141,827,395	256,010,511	495,103,078	3,083,184,938
Inpatient									
Charges	834,440,248	70,053,169	1,238,539,669	6,520,953,954	318,579,976	305,564,988	766,399,023	1,397,304,863	11,451,835,890
Allowed	229,667,346	19,274,762	374,136,862	1,798,213,588	318,579,976	246,390,323	497,585,845	1,014,380,980	4,498,229,683
Paid	206,810,550	17,372,048	367,103,713	1,603,264,696	249,249,229	230,951,517	399,469,938	857,763,570	3,931,985,260
Outpatient									
Charges	750,148,870	62,457,352	932,085,918	5,835,443,027	358,506,950	195,173,297	407,509,108	877,301,601	9,418,626,122
Allowed	243,940,356	20,268,968	290,209,397	1,896,548,920	358,506,950	145,646,754	281,676,003	587,888,438	3,824,685,785
Paid	187,339,501	15,491,080	284,071,630	1,454,798,053	205,367,854	130,555,449	286,552,367	484,171,059	3,048,346,992
Professional									
Charges	190,136,295	16,048,779	2,223,590,437	1,460,566,706	141,198,592	212,115,826	1,256,516,546	940,357,629	6,440,530,810
Allowed	121,122,874	10,207,006	1,105,355,297	931,185,865	141,198,592	173,099,984	748,410,170	689,470,231	3,920,050,019
Paid	97,410,003	8,203,970	1,091,096,397	745,680,163	113,320,556	170,210,522	743,549,917	628,083,932	3,597,555,460
Total									
Charges	2,097,114,304	172,042,443	5,342,642,549	16,309,465,510	951,249,453	965,217,820	2,745,347,476	4,334,370,873	32,917,450,428
Allowed	801,734,853	64,819,089	2,395,432,054	6,224,329,680	951,249,453	726,620,150	1,783,682,529	2,898,525,977	15,846,393,786
Paid	655,904,592	53,040,488	2,367,933,935	5,072,209,146	687,735,235	673,544,882	1,685,582,733	2,465,121,639	13,661,072,651

Appendix D

Total West Virginia Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	4,075,120,875	4,349,249,390	4,633,068,744	4,936,224,195	5,264,493,960	5,606,457,606	5,968,509,148	6,347,985,529	6,749,990,431	7,174,389,058	7,620,987,718
Allowed	2,748,635,426	2,932,703,703	3,082,263,702	3,215,563,101	3,397,336,035	3,603,428,300	3,827,111,085	4,067,916,763	4,322,874,248	4,591,866,116	4,874,709,871
Paid	2,375,747,930	2,534,754,647	2,659,399,180	2,763,077,917	2,910,762,881	3,083,184,938	3,271,850,280	3,476,605,490	3,693,276,245	3,921,773,521	4,161,942,923
Inpatient											
Charges	8,348,654,938	8,910,200,432	9,460,685,521	10,055,725,956	10,738,660,695	11,451,835,890	12,205,835,569	12,998,389,228	13,843,634,322	14,742,387,363	15,684,560,767
Allowed	3,825,730,605	4,083,407,188	4,154,485,660	4,118,135,431	4,263,840,109	4,498,229,683	4,774,575,953	5,097,020,958	5,442,445,361	5,810,138,086	6,195,757,982
Paid	3,281,893,252	3,505,515,020	3,587,013,805	3,585,789,699	3,724,898,558	3,931,985,260	4,172,541,126	4,448,729,149	4,739,019,446	5,046,370,480	5,366,992,917
Outpatient											
Charges	7,112,563,611	7,573,712,847	7,957,070,955	8,349,100,632	8,869,994,782	9,418,626,122	9,999,983,150	10,611,936,243	11,259,128,894	11,941,747,834	12,660,599,964
Allowed	3,490,625,931	3,716,611,407	3,708,623,769	3,571,258,743	3,652,045,549	3,824,685,785	4,037,425,683	4,294,490,388	4,567,926,256	4,857,061,163	5,161,790,767
Paid	2,565,076,030	2,734,582,479	2,789,078,528	2,783,329,331	2,891,859,799	3,048,346,992	3,229,141,431	3,435,299,650	3,653,796,125	3,884,764,681	4,127,713,363
Professional											
Charges	4,803,643,968	5,103,176,470	5,427,623,705	5,750,624,773	6,077,648,679	6,440,530,810	6,832,084,042	7,252,212,438	7,701,145,590	8,178,540,178	8,682,431,082
Allowed	3,061,562,887	3,254,000,130	3,409,423,530	3,534,848,153	3,707,629,181	3,920,050,019	4,156,151,218	4,416,803,727	4,696,730,772	4,994,861,859	5,309,559,846
Paid	2,771,741,676	2,947,176,626	3,102,067,355	3,235,154,619	3,399,577,704	3,597,555,460	3,816,504,021	4,056,429,454	4,312,397,421	4,584,652,098	4,871,720,691
Total											
Charges	24,339,983,391	25,936,339,139	27,478,448,925	29,091,675,556	30,950,798,116	32,917,450,428	35,006,411,910	37,210,523,437	39,553,899,237	42,037,064,433	44,648,579,531
Allowed	13,126,554,849	13,986,722,427	14,354,796,661	14,439,805,428	15,020,850,875	15,846,393,786	16,795,263,939	17,876,231,835	19,029,976,637	20,253,927,224	21,541,818,467
Paid	10,994,458,887	11,722,028,771	12,137,558,869	12,367,351,566	12,927,098,941	13,661,072,651	14,490,036,857	15,417,063,744	16,398,489,236	17,437,560,780	18,528,369,894

Appendix D

Commercially Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	1,552,235,244	1,656,722,551	1,835,697,140	2,093,728,525	2,313,476,356	2,492,501,823	2,664,715,465	2,826,062,382	2,995,399,222	3,173,401,935	3,360,501,337
Allowed	995,978,981	1,062,913,753	1,177,535,303	1,342,794,685	1,483,614,569	1,598,381,307	1,708,734,027	1,812,191,078	1,920,954,453	2,035,375,755	2,155,655,378
Paid	791,441,804	844,781,919	935,360,309	1,065,804,219	1,177,392,875	1,268,466,234	1,356,116,491	1,438,332,011	1,524,793,255	1,615,790,449	1,711,461,807
Inpatient											
Charges	4,089,388,740	4,363,078,064	4,819,705,199	5,474,851,266	6,043,797,766	6,520,953,954	6,984,076,378	7,427,468,242	7,900,385,000	8,403,907,817	8,930,047,571
Allowed	1,125,269,523	1,200,996,335	1,327,332,592	1,508,777,593	1,666,416,092	1,798,213,588	1,925,440,553	2,046,583,673	2,173,477,304	2,307,715,254	2,447,542,493
Paid	1,014,169,883	1,082,357,921	1,190,435,009	1,346,200,592	1,485,931,660	1,603,264,696	1,716,590,233	1,824,865,747	1,938,624,760	2,058,982,294	2,184,287,327
Outpatient											
Charges	3,631,245,871	3,867,113,623	4,286,730,550	4,901,789,050	5,419,969,283	5,835,443,027	6,232,102,333	6,601,605,760	6,991,230,043	7,401,024,972	7,831,705,093
Allowed	1,178,884,531	1,255,907,619	1,392,664,641	1,592,803,406	1,761,393,563	1,896,548,920	2,025,703,451	2,146,021,680	2,272,725,258	2,405,731,412	2,545,439,848
Paid	901,049,497	960,330,722	1,066,229,185	1,220,814,445	1,350,536,313	1,454,798,053	1,554,571,823	1,647,653,693	1,745,822,438	1,848,899,086	1,957,128,527
Professional											
Charges	927,664,760	982,836,689	1,084,542,834	1,235,740,358	1,361,621,242	1,460,566,706	1,553,826,731	1,640,078,906	1,730,336,521	1,824,985,599	1,924,368,847
Allowed	590,360,429	625,823,275	690,839,320	787,326,437	867,809,256	931,185,865	990,960,579	1,046,277,568	1,104,190,176	1,164,926,902	1,228,713,886
Paid	474,323,146	502,706,661	554,179,554	630,724,896	695,029,683	745,680,163	793,429,253	837,632,248	883,941,580	932,509,501	983,514,313
Total											
Charges	10,200,534,615	10,869,750,928	12,026,675,724	13,706,109,199	15,138,864,647	16,309,465,510	17,434,720,906	18,495,215,290	19,617,350,785	20,803,320,322	22,046,622,848
Allowed	3,890,493,463	4,145,640,982	4,588,371,855	5,231,702,121	5,779,233,480	6,224,329,680	6,650,838,611	7,051,073,999	7,471,347,191	7,913,749,324	8,377,351,604
Paid	3,180,984,330	3,390,177,223	3,746,204,057	4,263,544,152	4,708,890,531	5,072,209,146	5,420,707,801	5,748,483,698	6,093,182,033	6,456,181,330	6,836,391,974

Appendix D

PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	237,681,401	254,265,685	271,295,685	287,645,681	304,587,046	322,388,892	341,064,152	360,281,969	379,586,483	399,508,794	420,410,767
Allowed	152,658,446	163,292,461	174,215,397	184,707,465	195,579,304	207,004,277	218,984,346	231,311,274	243,702,655	256,494,126	269,915,681
Paid	121,110,862	129,576,976	138,272,135	146,615,995	155,261,015	164,344,537	173,869,616	183,666,599	193,514,523	203,682,817	214,354,409
Inpatient											
Charges	611,920,683	655,181,833	699,549,856	742,556,099	787,280,038	834,440,248	884,063,168	935,131,425	986,164,286	1,038,873,306	1,093,959,137
Allowed	168,492,265	180,361,970	192,541,741	204,374,957	216,684,601	229,667,346	243,324,033	257,357,418	271,331,128	285,769,714	300,839,989
Paid	151,731,848	162,414,264	173,372,965	184,025,055	195,117,919	206,810,550	219,109,148	231,748,013	244,341,574	257,346,233	270,920,388
Outpatient											
Charges	557,403,903	594,823,226	633,350,467	670,670,060	709,399,484	750,148,870	792,887,022	837,013,637	881,685,164	927,948,126	976,444,383
Allowed	181,081,642	193,315,644	205,900,717	218,050,995	230,662,843	243,940,356	257,885,364	272,293,621	286,884,272	301,982,831	317,784,238
Paid	138,840,714	148,291,008	158,010,073	167,377,952	177,098,504	187,339,501	198,102,613	209,220,530	220,473,013	232,111,632	244,283,336
Professional											
Charges	143,921,593	152,747,889	161,871,210	170,876,957	180,260,703	190,136,295	200,475,267	211,192,333	222,150,597	233,526,781	245,445,394
Allowed	91,512,591	97,172,397	103,020,831	108,790,874	114,801,337	121,122,874	127,738,359	134,590,774	141,591,020	148,856,167	156,466,441
Paid	73,654,152	78,191,833	82,882,084	87,511,673	92,335,500	97,410,003	102,720,554	108,220,981	113,844,711	119,683,516	125,799,422
Total											
Charges	1,550,927,579	1,657,018,633	1,766,067,218	1,871,748,796	1,981,527,271	2,097,114,304	2,218,489,609	2,343,619,365	2,469,586,529	2,599,857,008	2,736,259,681
Allowed	593,744,944	634,142,473	675,678,686	715,924,291	757,728,085	801,734,853	847,932,103	895,553,087	943,509,075	993,102,838	1,045,006,349
Paid	485,337,576	518,474,082	552,537,256	585,530,675	619,812,937	655,904,592	693,801,931	732,856,123	772,173,821	812,824,198	855,357,555

Appendix D

Medicaid - Non-Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	654,081,262	692,572,647	772,294,035	855,662,315	900,953,437	948,426,526	998,092,443	1,050,170,678	1,104,157,806	1,160,123,809	1,218,619,644
Allowed	431,652,745	457,135,137	509,628,210	564,508,356	594,426,356	625,730,498	658,439,323	692,747,339	728,301,832	765,179,271	803,750,101
Paid	431,605,695	457,085,312	509,572,623	564,446,740	594,361,473	625,662,196	658,367,448	692,671,716	728,222,320	765,095,722	803,662,330
Inpatient											
Charges	848,143,690	899,658,370	1,006,179,725	1,116,761,057	1,176,223,257	1,238,539,669	1,303,661,993	1,371,872,047	1,442,518,369	1,516,003,581	1,593,202,685
Allowed	257,606,677	273,031,531	304,465,013	337,193,112	355,205,577	374,136,862	393,927,354	414,685,677	436,231,010	458,628,551	482,086,806
Paid	252,863,605	267,972,308	298,776,746	330,865,379	348,532,526	367,103,713	386,517,982	406,884,833	428,024,614	450,002,022	473,022,914
Outpatient											
Charges	642,307,805	679,857,133	759,092,585	841,937,066	885,982,386	932,085,918	980,200,780	1,030,722,637	1,083,227,699	1,138,164,314	1,196,095,885
Allowed	200,332,672	212,114,734	236,563,057	262,076,197	275,825,931	290,209,397	305,226,292	320,988,650	337,376,580	354,521,782	372,595,605
Paid	196,060,747	207,586,528	231,541,586	256,542,685	269,998,270	284,071,630	298,765,178	314,189,685	330,229,763	347,015,862	364,716,360
Professional											
Charges	1,566,825,343	1,654,966,686	1,827,987,612	2,009,614,377	2,113,967,313	2,223,590,437	2,337,372,455	2,456,703,366	2,581,245,186	2,711,872,159	2,849,594,638
Allowed	776,137,932	820,047,874	907,107,772	998,528,511	1,050,591,020	1,105,355,297	1,162,138,793	1,221,609,789	1,283,648,468	1,348,580,837	1,416,894,679
Paid	765,589,121	808,946,315	895,150,436	985,659,091	1,037,045,624	1,091,096,397	1,147,134,210	1,205,820,396	1,267,033,286	1,331,096,512	1,398,499,926
Total											
Charges	3,711,358,100	3,927,054,836	4,365,553,957	4,823,974,815	5,077,126,392	5,342,642,549	5,619,327,671	5,909,468,728	6,211,149,060	6,526,163,863	6,857,512,852
Allowed	1,665,730,026	1,762,329,276	1,957,764,052	2,162,306,176	2,276,048,884	2,395,432,054	2,519,731,762	2,650,031,456	2,785,557,890	2,926,910,441	3,075,327,191
Paid	1,646,119,168	1,741,590,464	1,935,041,392	2,137,513,895	2,249,937,894	2,367,933,935	2,490,784,818	2,619,566,630	2,753,509,982	2,893,210,119	3,039,901,530

Appendix D

Medicaid & Medicare Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	228,066,415	245,088,590	262,779,733	279,328,192	296,611,132	314,922,799	334,693,162	355,447,656	377,212,180	400,091,154	423,698,099
Allowed	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Paid	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Inpatient											
Charges	532,646,070	570,428,190	611,519,767	659,510,513	711,245,800	766,399,023	826,123,141	889,582,716	957,721,668	1,030,757,633	1,108,068,667
Allowed	348,259,406	372,934,693	399,530,331	429,987,912	462,758,748	497,585,845	535,422,504	575,592,714	618,869,574	665,449,958	714,750,386
Paid	285,032,017	306,627,292	329,189,877	351,324,176	374,703,149	399,469,938	426,306,055	454,526,773	484,341,402	515,913,885	548,829,249
Outpatient											
Charges	285,561,130	305,776,036	327,694,787	352,585,205	379,191,598	407,509,108	438,075,700	470,453,452	504,801,278	541,259,504	579,846,261
Allowed	197,577,859	211,626,939	226,784,061	243,915,392	262,235,612	281,676,003	302,679,759	324,878,159	348,458,451	373,589,335	400,173,123
Paid	202,617,966	217,332,930	232,903,960	249,693,963	267,623,064	286,552,367	307,083,976	328,677,733	351,766,664	376,497,382	402,520,888
Professional											
Charges	890,137,834	952,819,757	1,019,433,038	1,093,306,773	1,172,795,100	1,256,516,546	1,347,368,320	1,443,545,652	1,548,868,591	1,662,735,633	1,783,005,186
Allowed	531,266,438	568,663,529	608,271,079	651,969,044	698,991,150	748,410,170	802,065,601	858,792,705	921,014,337	988,431,171	1,059,651,948
Paid	529,393,481	566,456,377	605,635,116	648,660,151	694,957,533	743,549,917	796,309,887	852,081,757	913,391,202	979,871,312	1,050,102,666
Total											
Charges	1,936,411,449	2,074,112,573	2,221,427,324	2,384,730,683	2,559,843,629	2,745,347,476	2,946,260,323	3,159,029,475	3,388,603,717	3,634,843,923	3,894,618,213
Allowed	1,262,767,522	1,352,935,472	1,448,831,025	1,553,399,648	1,665,346,059	1,783,682,529	1,911,998,285	2,047,680,486	2,194,125,644	2,351,464,540	2,517,291,314
Paid	1,202,707,283	1,290,126,910	1,381,974,507	1,477,205,591	1,578,644,295	1,685,582,733	1,801,530,339	1,923,703,172	2,055,282,550	2,196,276,655	2,344,168,659

Appendix D

PEIA - Medicare Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	172,042,812	184,495,337	198,212,808	214,842,209	233,006,329	252,363,709	273,246,911	295,602,639	320,249,356	346,814,704	375,005,876
Allowed	110,163,237	118,128,427	126,900,299	137,521,270	149,123,171	161,483,089	174,814,093	189,088,322	204,844,855	221,829,496	239,853,769
Paid	96,699,804	103,716,111	111,439,637	120,774,003	130,969,114	141,827,395	153,533,571	166,063,322	179,892,324	194,790,321	210,598,313
Inpatient											
Charges	209,635,358	224,993,046	241,687,404	261,328,743	282,804,572	305,564,988	330,186,351	356,552,852	386,039,974	417,999,784	451,889,070
Allowed	169,341,346	181,633,926	195,017,849	210,789,838	228,087,440	246,390,323	266,148,368	287,380,163	311,416,143	337,482,218	365,136,414
Paid	157,635,733	169,514,268	182,374,137	197,387,309	213,623,041	230,951,517	249,792,193	269,735,800	291,041,336	314,010,517	338,240,675
Outpatient											
Charges	133,071,458	142,703,213	153,308,847	166,141,379	180,196,982	195,173,297	211,312,723	228,630,966	247,815,571	268,551,468	290,540,666
Allowed	99,374,928	106,529,775	114,415,298	123,984,823	134,476,284	145,646,754	157,676,291	170,596,547	184,959,059	200,489,935	216,964,474
Paid	88,606,737	95,253,815	102,529,339	111,145,690	120,531,551	130,555,449	141,393,187	152,955,709	165,529,175	179,064,960	193,380,687
Professional											
Charges	144,991,012	155,399,482	166,843,211	180,751,935	195,937,503	212,115,826	229,642,401	248,391,243	269,111,806	291,537,767	315,352,019
Allowed	118,609,328	127,076,713	136,379,890	147,653,094	159,982,239	173,099,984	187,303,429	202,532,063	219,513,154	237,912,354	257,455,423
Paid	115,420,218	123,956,284	133,338,450	144,686,585	157,030,951	170,210,522	184,499,525	199,706,598	216,191,002	233,943,814	252,765,021
Total											
Charges	659,740,640	707,591,078	760,052,270	823,064,265	891,945,385	965,217,820	1,044,388,387	1,129,177,700	1,223,216,707	1,324,903,723	1,432,787,632
Allowed	497,488,840	533,368,841	572,713,335	619,949,025	671,669,133	726,620,150	785,942,181	849,597,095	920,733,211	997,714,004	1,079,410,080
Paid	458,362,493	492,440,478	529,681,562	573,993,588	622,154,658	673,544,882	729,218,476	788,461,429	852,653,837	921,809,611	994,984,696

Appendix D

Medicare - Non-Dual Eligible and Non-PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	770,032,166	826,034,046	887,138,224	959,052,822	1,036,826,108	1,119,406,780	1,208,313,788	1,302,883,077	1,406,209,681	1,517,194,181	1,634,971,046
Allowed	417,625,726	447,959,727	481,058,651	519,986,114	562,091,826	606,786,329	654,896,079	706,078,785	762,076,145	822,230,854	886,070,109
Paid	340,879,397	365,695,339	392,753,499	424,465,174	458,739,914	495,103,078	534,222,545	575,814,096	621,291,083	670,121,334	721,941,298
Inpatient											
Charges	968,180,624	1,038,444,796	1,114,318,771	1,201,626,655	1,296,358,011	1,397,304,863	1,506,845,697	1,623,449,095	1,751,953,601	1,890,331,977	2,036,287,053
Allowed	704,775,017	755,304,076	809,946,292	872,863,142	941,371,231	1,014,380,980	1,093,560,072	1,178,132,254	1,272,391,869	1,373,883,288	1,480,865,333
Paid	597,436,400	641,069,530	687,803,120	740,514,012	797,155,613	857,763,570	923,942,322	994,447,880	1,069,140,794	1,148,805,605	1,231,920,107
Outpatient											
Charges	603,660,717	647,480,175	695,431,411	751,799,144	812,760,143	877,301,601	946,663,071	1,020,569,769	1,101,914,582	1,189,690,253	1,283,037,040
Allowed	404,586,612	433,776,267	465,779,768	503,580,600	544,529,016	587,888,438	634,489,177	684,172,809	739,029,834	798,242,181	861,213,295
Paid	333,050,783	357,803,499	384,685,192	415,558,562	448,819,958	484,171,059	522,343,404	562,921,903	606,795,370	653,881,138	703,639,283
Professional											
Charges	647,168,153	693,772,171	744,665,570	805,167,192	870,673,558	940,357,629	1,015,780,709	1,095,988,058	1,183,970,833	1,278,844,476	1,379,626,183
Allowed	474,966,943	509,098,664	546,362,719	590,581,683	638,540,226	689,470,231	744,554,532	803,251,997	868,230,330	938,401,565	1,012,997,546
Paid	430,389,247	462,047,220	496,544,803	537,243,941	581,176,881	628,083,932	678,928,539	732,782,245	790,755,163	852,917,329	918,684,879
Total											
Charges	2,989,041,660	3,205,731,188	3,441,553,976	3,717,645,813	4,016,617,821	4,334,370,873	4,677,603,264	5,042,889,998	5,444,048,698	5,876,060,887	6,333,921,322
Allowed	2,001,954,298	2,146,138,735	2,303,147,430	2,487,011,540	2,686,532,299	2,898,525,977	3,127,499,860	3,371,635,845	3,641,728,177	3,932,757,889	4,241,146,283
Paid	1,701,755,826	1,826,615,588	1,961,786,614	2,117,781,690	2,285,892,367	2,465,121,639	2,659,436,811	2,865,966,125	3,087,982,410	3,325,725,406	3,576,185,567

Appendix D

West Virginia Children's Health Insurance Program Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	16,992,463	18,157,775	19,453,147	20,780,744	22,027,660	23,483,143	25,034,016	26,383,724	27,808,750	29,280,225	30,786,978
Allowed	10,903,360	11,651,126	12,482,317	13,334,205	14,134,368	15,068,354	16,063,584	16,929,653	17,844,074	18,788,281	19,755,007
Paid	8,664,054	9,258,200	9,918,677	10,595,575	11,231,309	11,973,390	12,764,089	13,452,263	14,178,827	14,929,085	15,697,396
Inpatient											
Charges	50,704,170	54,178,120	58,042,991	62,002,136	65,716,226	70,053,169	74,671,330	78,697,006	82,945,227	87,333,810	91,839,106
Allowed	13,950,767	14,906,644	15,970,033	17,059,391	18,081,394	19,274,762	20,545,559	21,653,213	22,822,134	24,029,646	25,269,085
Paid	12,573,758	13,435,250	14,393,673	15,375,482	16,296,537	17,372,048	18,517,309	19,515,614	20,569,115	21,657,416	22,774,616
Outpatient											
Charges	45,190,278	48,290,311	51,735,385	55,266,725	58,584,776	62,457,352	66,584,625	70,174,597	73,965,531	77,879,467	81,883,815
Allowed	14,665,237	15,671,298	16,789,304	17,935,325	19,012,171	20,268,968	21,608,454	22,773,496	24,003,776	25,273,956	26,573,362
Paid	11,207,835	11,976,821	12,831,265	13,707,182	14,530,376	15,491,080	16,515,092	17,405,527	18,345,894	19,316,696	20,309,453
Professional											
Charges	11,610,190	12,407,056	13,292,210	14,199,766	15,053,071	16,048,779	17,110,357	18,032,906	19,007,366	20,013,202	21,040,816
Allowed	7,384,145	7,890,937	8,453,898	9,031,095	9,573,764	10,207,006	10,882,121	11,468,858	12,088,597	12,728,302	13,381,922
Paid	5,934,932	6,342,295	6,794,773	7,258,713	7,694,946	8,203,970	8,746,685	9,218,286	9,716,435	10,230,615	10,755,860
Total											
Charges	124,497,101	133,033,262	142,523,733	152,249,372	161,381,734	172,042,443	183,400,329	193,288,234	203,726,873	214,506,705	225,550,715
Allowed	46,903,509	50,120,006	53,695,552	57,360,016	60,801,698	64,819,089	69,099,717	72,825,220	76,758,581	80,820,186	84,979,377
Paid	38,380,579	41,012,566	43,938,388	46,936,951	49,753,169	53,040,488	56,543,174	59,591,690	62,810,272	66,133,811	69,537,325

Appendix D

Uninsured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	443,989,111	471,912,759	386,197,972	225,183,706	157,005,893	132,963,935	123,349,212	131,153,404	139,366,953	147,974,256	156,993,970
Allowed	443,989,111	471,912,759	386,197,972	225,183,706	157,005,893	132,963,935	123,349,212	131,153,404	139,366,953	147,974,256	156,993,970
Paid	399,682,494	424,930,477	347,836,747	202,848,912	141,446,631	119,797,596	111,146,098	118,188,574	125,600,631	133,369,718	141,511,514
Inpatient											
Charges	1,038,035,603	1,104,238,013	909,681,809	537,089,486	375,235,025	318,579,976	296,207,510	315,635,846	335,906,199	357,179,456	379,267,478
Allowed	1,038,035,603	1,104,238,013	909,681,809	537,089,486	375,235,025	318,579,976	296,207,510	315,635,846	335,906,199	357,179,456	379,267,478
Paid	810,450,008	862,124,188	710,668,278	420,097,694	293,538,112	249,249,229	231,765,883	247,004,489	262,935,852	279,652,507	296,997,641
Outpatient											
Charges	1,214,122,450	1,287,669,131	1,049,726,923	608,912,005	423,910,129	358,506,950	332,156,895	352,765,425	374,489,025	397,229,730	421,046,822
Allowed	1,214,122,450	1,287,669,131	1,049,726,923	608,912,005	423,910,129	358,506,950	332,156,895	352,765,425	374,489,025	397,229,730	421,046,822
Paid	693,641,751	736,007,156	600,347,928	348,488,851	242,721,762	205,367,854	190,366,158	202,274,870	214,833,807	227,977,926	241,734,829
Professional											
Charges	471,325,083	498,226,740	408,988,021	240,967,415	167,340,190	141,198,592	130,507,803	138,279,973	146,454,691	155,024,560	163,997,999
Allowed	471,325,083	498,226,740	408,988,021	240,967,415	167,340,190	141,198,592	130,507,803	138,279,973	146,454,691	155,024,560	163,997,999
Paid	377,037,379	398,529,640	327,542,140	193,409,568	134,306,585	113,320,556	104,735,367	110,966,944	117,524,043	124,399,499	131,598,604
Total											
Charges	3,167,472,246	3,362,046,643	2,754,594,725	1,612,152,612	1,123,491,237	951,249,453	882,221,421	937,834,647	996,216,867	1,057,408,002	1,121,306,268
Allowed	3,167,472,246	3,362,046,643	2,754,594,725	1,612,152,612	1,123,491,237	951,249,453	882,221,421	937,834,647	996,216,867	1,057,408,002	1,121,306,268
Paid	2,280,811,633	2,421,591,461	1,986,395,093	1,164,845,024	812,013,091	687,735,235	638,013,507	678,434,876	720,894,332	765,399,649	811,842,588

Appendix E

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Appendix E

Initiative II - Employer & Individual Mandate Medium Cost Policy

Allowed Charges by Insurance Coverage (in \$millions)						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$593.7	\$634.1	\$675.7	\$715.9	\$757.7	\$801.7
WV CHIP	46.9	50.1	53.7	57.4	60.8	64.8
Medicaid Non-Duals	1,665.7	1,762.3	1,957.8	2,162.3	2,276.0	2,395.4
Commercially Insured	3,890.5	4,145.6	4,600.6	5,264.0	5,822.1	6,273.5
Uninsured	3,167.5	3,362.0	2,723.3	1,529.0	1,013.1	824.8
PEIA Medicare	497.5	533.4	572.7	619.9	671.7	726.6
Medicare- & Medicaid Duals	1,262.8	1,352.9	1,448.8	1,553.4	1,665.3	1,783.7
<u>Medicare Non-Medicaid/PEIA</u>	<u>2,002.0</u>	<u>2,146.1</u>	<u>2,303.1</u>	<u>2,487.0</u>	<u>2,686.5</u>	<u>2,898.5</u>
West Virginia	\$13,126.6	\$13,986.7	\$14,335.6	\$14,388.9	\$14,953.4	\$15,769.1
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$847.9	\$895.6	\$943.5	\$993.1	\$1,045.0	
WV CHIP	69.1	72.8	76.8	80.8	85.0	
Medicaid Non-Duals	2,519.7	2,650.0	2,785.6	2,926.9	3,075.3	
Commercially Insured	6,705.0	7,108.6	7,532.5	7,978.6	8,446.1	
Uninsured	742.9	789.8	838.9	890.4	944.3	
PEIA Medicare	785.9	849.6	920.7	997.7	1,079.4	
Medicare- & Medicaid Duals	1,912.0	2,047.7	2,194.1	2,351.5	2,517.3	
<u>Medicare Non-Medicaid/PEIA</u>	<u>3,127.5</u>	<u>3,371.6</u>	<u>3,641.7</u>	<u>3,932.8</u>	<u>4,241.1</u>	
West Virginia	\$16,710.1	\$17,785.7	\$18,933.8	\$20,151.8	\$21,433.6	

Savings by Insurance Category						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
WV CHIP	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid Non-Duals	0.0	0.0	-94.9	-199.7	-209.9	-220.6
Commercially Insured	0.0	0.0	-189.1	-579.9	-848.8	-994.5
Uninsured	0.0	0.0	842.9	2,243.3	2,974.8	3,391.2
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	\$0.0	\$0.0	\$559.1	\$1,463.8	\$1,916.0	\$2,176.0
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
WV CHIP	0.0	0.0	0.0	0.0	0.0	
Medicaid Non-Duals	-232.0	-244.0	-256.7	-269.9	-283.7	
Commercially Insured	-1,103.1	-1,166.0	-1,232.6	-1,303.0	-1,377.1	
Uninsured	3,714.5	3,922.8	4,142.7	4,374.7	4,618.0	
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
West Virginia	\$2,379.4	\$2,512.8	\$2,653.4	\$2,801.7	\$2,957.2	

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2014 West Virginia Health Care Expenditures									
	<u>PEIA Non-Medicare</u>	<u>West Virginia CHIP</u>	<u>Medicaid Non-Duals</u>	<u>Commercially Insured</u>	<u>Uninsured</u>	<u>PEIA Medicare</u>	<u>Medicare and Medicaid Duals</u>	<u>Medicare Non- Medicaid/PEIA</u>	<u>Total Population</u>
Drugs									
Charges	322,388,892	23,483,143	948,426,526	2,512,031,702	115,284,495	252,363,709	314,922,799	1,119,406,780	5,608,308,046
Allowed	207,004,277	15,068,354	625,730,498	1,610,879,306	115,284,495	161,483,089	256,010,511	606,786,329	3,598,246,859
Paid	164,344,537	11,973,390	625,662,196	1,272,166,151	103,868,808	141,827,395	256,010,511	495,103,078	3,070,956,067
Inpatient									
Charges	834,440,248	70,053,169	1,238,539,669	6,568,819,363	276,220,253	305,564,988	766,399,023	1,397,304,863	11,457,341,576
Allowed	229,667,346	19,274,762	374,136,862	1,811,464,192	276,220,253	246,390,323	497,585,845	1,014,380,980	4,469,120,563
Paid	206,810,550	17,372,048	367,103,713	1,607,690,231	216,108,011	230,951,517	399,469,938	857,763,570	3,903,269,579
Outpatient									
Charges	750,148,870	62,457,352	932,085,918	5,883,575,386	310,838,370	195,173,297	407,509,108	877,301,601	9,419,089,901
Allowed	243,940,356	20,268,968	290,209,397	1,912,208,000	310,838,370	145,646,754	281,676,003	587,888,438	3,792,676,286
Paid	187,339,501	15,491,080	284,071,630	1,459,205,535	178,061,287	130,555,449	286,552,367	484,171,059	3,025,447,908
Professional									
Charges	190,136,295	16,048,779	2,223,590,437	1,472,762,445	122,424,238	212,115,826	1,256,516,546	940,357,629	6,433,952,195
Allowed	121,122,874	10,207,006	1,105,355,297	938,932,949	122,424,238	173,099,984	748,410,170	689,470,231	3,909,022,749
Paid	97,410,003	8,203,970	1,091,096,397	748,001,824	98,252,982	170,210,522	743,549,917	628,083,932	3,584,809,547
Total									
Charges	2,097,114,304	172,042,443	5,342,642,549	16,437,188,895	824,767,357	965,217,820	2,745,347,476	4,334,370,873	32,918,691,718
Allowed	801,734,853	64,819,089	2,395,432,054	6,273,484,446	824,767,357	726,620,150	1,783,682,529	2,898,525,977	15,769,066,456
Paid	655,904,592	53,040,488	2,367,933,935	5,087,063,742	596,291,089	673,544,882	1,685,582,733	2,465,121,639	13,584,483,101

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Total West Virginia Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	4,075,120,875	4,349,249,390	4,633,526,360	4,937,440,237	5,266,108,550	5,608,308,046	5,970,548,817	6,350,155,723	6,752,294,966	7,176,832,330	7,623,575,690
Allowed	2,748,635,426	2,932,703,703	3,080,981,409	3,212,156,252	3,392,813,246	3,598,246,859	3,821,404,105	4,061,850,107	4,316,428,015	4,585,021,342	4,867,446,999
Paid	2,375,747,930	2,534,754,647	2,655,951,546	2,754,455,349	2,899,898,150	3,070,956,067	3,258,507,187	3,462,458,228	3,678,279,068	3,905,881,655	4,145,110,416
Inpatient											
Charges	8,348,654,938	8,910,200,432	9,462,049,395	10,059,341,672	10,743,458,143	11,457,341,576	12,211,922,242	13,004,901,990	13,850,645,746	14,749,931,237	15,692,667,703
Allowed	3,825,730,605	4,083,407,188	4,147,327,200	4,099,088,716	4,238,499,900	4,469,120,563	4,742,436,788	5,062,774,824	5,405,999,542	5,771,382,506	6,154,604,080
Paid	3,281,893,252	3,505,515,020	3,579,384,055	3,566,218,761	3,699,647,670	3,903,269,579	4,141,002,206	4,415,164,069	4,703,333,100	5,008,454,786	5,326,761,155
Outpatient											
Charges	7,112,563,611	7,573,712,847	7,957,189,862	8,349,411,501	8,870,402,704	9,419,089,901	10,000,486,605	10,612,463,753	11,259,683,136	11,942,334,176	12,661,221,755
Allowed	3,490,625,931	3,716,611,407	3,700,669,324	3,550,156,898	3,624,071,198	3,792,676,286	4,002,208,755	4,257,089,059	4,528,221,580	4,814,944,973	5,117,148,650
Paid	2,565,076,030	2,734,582,479	2,782,921,380	2,767,589,398	2,871,638,117	3,025,447,908	3,204,084,177	3,408,725,315	3,625,617,446	3,854,902,499	4,096,085,622
Professional											
Charges	4,803,643,968	5,103,176,470	5,425,979,782	5,746,272,276	6,071,888,918	6,433,952,195	6,824,860,626	7,244,556,404	7,693,033,580	8,169,949,682	8,673,338,895
Allowed	3,061,562,887	3,254,000,130	3,406,662,414	3,527,543,537	3,697,969,692	3,909,022,749	4,144,048,339	4,403,980,705	4,683,149,993	4,980,486,583	5,294,352,373
Paid	2,771,741,676	2,947,176,626	3,098,602,735	3,226,336,739	3,388,290,293	3,584,809,547	3,802,596,214	4,041,718,274	4,296,838,494	4,568,201,797	4,854,335,077
Total											
Charges	24,339,983,391	25,936,339,139	27,478,745,399	29,092,465,686	30,951,858,315	32,918,691,718	35,007,818,289	37,212,077,869	39,555,657,428	42,039,047,425	44,650,804,043
Allowed	13,126,554,849	13,986,722,427	14,335,640,348	14,388,945,403	14,953,354,036	15,769,066,456	16,710,097,987	17,785,694,695	18,933,799,129	20,151,835,404	21,433,552,102
Paid	10,994,458,887	11,722,028,771	12,116,859,717	12,314,600,247	12,859,474,230	13,584,483,101	14,406,189,784	15,328,065,885	16,304,068,109	17,337,440,738	18,422,292,270

Appendix E

Commercially Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	1,552,235,244	1,656,722,551	1,840,528,616	2,106,565,763	2,330,520,410	2,512,031,702	2,686,231,324	2,848,941,008	3,019,709,065	3,199,209,563	3,387,877,831
Allowed	995,978,981	1,062,913,753	1,180,626,869	1,351,009,031	1,494,521,243	1,610,879,306	1,722,503,238	1,826,832,854	1,936,513,528	2,051,895,338	2,173,181,027
Paid	791,441,804	844,781,919	935,852,285	1,067,650,200	1,180,428,551	1,272,166,151	1,360,322,782	1,442,846,102	1,529,627,757	1,620,956,959	1,716,973,223
Inpatient											
Charges	4,089,388,740	4,363,078,064	4,831,486,721	5,506,184,894	6,085,470,741	6,568,819,363	7,036,932,657	7,483,818,243	7,960,434,245	8,467,848,447	8,998,038,845
Allowed	1,125,269,523	1,200,996,335	1,330,591,781	1,517,448,790	1,677,951,410	1,811,464,192	1,940,070,995	2,062,174,778	2,190,069,306	2,325,356,431	2,466,272,929
Paid	1,014,169,883	1,082,357,921	1,190,953,661	1,348,309,897	1,489,527,686	1,607,690,231	1,721,645,927	1,830,301,375	1,944,454,602	2,065,222,260	2,190,949,930
Outpatient											
Charges	3,631,245,871	3,867,113,623	4,298,695,139	4,933,524,419	5,462,036,188	5,883,575,386	6,285,051,614	6,657,833,073	7,050,914,131	7,464,331,798	7,898,807,961
Allowed	1,178,884,531	1,255,907,619	1,396,555,879	1,603,126,062	1,775,078,195	1,912,208,000	2,042,932,349	2,164,320,155	2,292,150,428	2,426,335,707	2,567,278,808
Paid	901,049,497	960,330,722	1,066,848,418	1,223,059,193	1,354,167,663	1,459,205,535	1,559,572,384	1,653,017,495	1,751,564,887	1,855,033,418	1,963,669,444
Professional											
Charges	927,664,760	982,836,689	1,087,599,600	1,243,823,617	1,372,306,528	1,472,762,445	1,567,209,810	1,654,256,552	1,745,348,936	1,840,872,666	1,941,171,080
Allowed	590,360,429	625,823,275	692,778,893	792,457,576	874,594,814	938,932,949	999,464,196	1,055,288,226	1,113,733,821	1,175,029,188	1,239,400,834
Paid	474,323,146	502,706,661	554,488,208	631,888,424	696,941,003	748,001,824	796,058,609	840,442,164	886,939,080	935,701,227	986,907,426
Total											
Charges	10,200,534,615	10,869,750,928	12,058,310,077	13,790,098,692	15,250,333,867	16,437,188,895	17,575,425,405	18,644,848,877	19,776,406,376	20,972,262,473	22,225,895,718
Allowed	3,890,493,463	4,145,640,982	4,600,553,422	5,264,041,459	5,822,145,662	6,273,484,446	6,704,970,778	7,108,616,014	7,532,467,083	7,978,616,662	8,446,133,598
Paid	3,180,984,330	3,390,177,223	3,748,142,572	4,270,907,715	4,721,064,903	5,087,063,742	5,437,599,702	5,766,607,136	6,112,586,326	6,476,913,864	6,858,500,022

Appendix E

PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	237,681,401	254,265,685	271,295,685	287,645,681	304,587,046	322,388,892	341,064,152	360,281,969	379,586,483	399,508,794	420,410,767
Allowed	152,658,446	163,292,461	174,215,397	184,707,465	195,579,304	207,004,277	218,984,346	231,311,274	243,702,655	256,494,126	269,915,681
Paid	121,110,862	129,576,976	138,272,135	146,615,995	155,261,015	164,344,537	173,869,616	183,666,599	193,514,523	203,682,817	214,354,409
Inpatient											
Charges	611,920,683	655,181,833	699,549,856	742,556,099	787,280,038	834,440,248	884,063,168	935,131,425	986,164,286	1,038,873,306	1,093,959,137
Allowed	168,492,265	180,361,970	192,541,741	204,374,957	216,684,601	229,667,346	243,324,033	257,357,418	271,331,128	285,769,714	300,839,989
Paid	151,731,848	162,414,264	173,372,965	184,025,055	195,117,919	206,810,550	219,109,148	231,748,013	244,341,574	257,346,233	270,920,388
Outpatient											
Charges	557,403,903	594,823,226	633,350,467	670,670,060	709,399,484	750,148,870	792,887,022	837,013,637	881,685,164	927,948,126	976,444,383
Allowed	181,081,642	193,315,644	205,900,717	218,050,995	230,662,843	243,940,356	257,885,364	272,293,621	286,884,272	301,982,831	317,784,238
Paid	138,840,714	148,291,008	158,010,073	167,377,952	177,098,504	187,339,501	198,102,613	209,220,530	220,473,013	232,111,632	244,283,336
Professional											
Charges	143,921,593	152,747,889	161,871,210	170,876,957	180,260,703	190,136,295	200,475,267	211,192,333	222,150,597	233,526,781	245,445,394
Allowed	91,512,591	97,172,397	103,020,831	108,790,874	114,801,337	121,122,874	127,738,359	134,590,774	141,591,020	148,856,167	156,466,441
Paid	73,654,152	78,191,833	82,882,084	87,511,673	92,335,500	97,410,003	102,720,554	108,220,981	113,844,711	119,683,516	125,799,422
Total											
Charges	1,550,927,579	1,657,018,633	1,766,067,218	1,871,748,796	1,981,527,271	2,097,114,304	2,218,489,609	2,343,619,365	2,469,586,529	2,599,857,008	2,736,259,681
Allowed	593,744,944	634,142,473	675,678,686	715,924,291	757,728,085	801,734,853	847,932,103	895,553,087	943,509,075	993,102,838	1,045,006,349
Paid	485,337,576	518,474,082	552,537,256	585,530,675	619,812,937	655,904,592	693,801,931	732,856,123	772,173,821	812,824,198	855,357,555

Appendix E

Medicaid - Non-Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	654,081,262	692,572,647	772,294,035	855,662,315	900,953,437	948,426,526	998,092,443	1,050,170,678	1,104,157,806	1,160,123,809	1,218,619,644
Allowed	431,652,745	457,135,137	509,628,210	564,508,356	594,426,356	625,730,498	658,439,323	692,747,339	728,301,832	765,179,271	803,750,101
Paid	431,605,695	457,085,312	509,572,623	564,446,740	594,361,473	625,662,196	658,367,448	692,671,716	728,222,320	765,095,722	803,662,330
Inpatient											
Charges	848,143,690	899,658,370	1,006,179,725	1,116,761,057	1,176,223,257	1,238,539,669	1,303,661,993	1,371,872,047	1,442,518,369	1,516,003,581	1,593,202,685
Allowed	257,606,677	273,031,531	304,465,013	337,193,112	355,205,577	374,136,862	393,927,354	414,685,677	436,231,010	458,628,551	482,086,806
Paid	252,863,605	267,972,308	298,776,746	330,865,379	348,532,526	367,103,713	386,517,982	406,884,833	428,024,614	450,002,022	473,022,914
Outpatient											
Charges	642,307,805	679,857,133	759,092,585	841,937,066	885,982,386	932,085,918	980,200,780	1,030,722,637	1,083,227,699	1,138,164,314	1,196,095,885
Allowed	200,332,672	212,114,734	236,563,057	262,076,197	275,825,931	290,209,397	305,226,292	320,988,650	337,376,580	354,521,782	372,595,605
Paid	196,060,747	207,586,528	231,541,586	256,542,685	269,998,270	284,071,630	298,765,178	314,189,685	330,229,763	347,015,862	364,716,360
Professional											
Charges	1,566,825,343	1,654,966,686	1,827,987,612	2,009,614,377	2,113,967,313	2,223,590,437	2,337,372,455	2,456,703,366	2,581,245,186	2,711,872,159	2,849,594,638
Allowed	776,137,932	820,047,874	907,107,772	998,528,511	1,050,591,020	1,105,355,297	1,162,138,793	1,221,609,789	1,283,648,468	1,348,580,837	1,416,894,679
Paid	765,589,121	808,946,315	895,150,436	985,659,091	1,037,045,624	1,091,096,397	1,147,134,210	1,205,820,396	1,267,033,286	1,331,096,512	1,398,499,926
Total											
Charges	3,711,358,100	3,927,054,836	4,365,553,957	4,823,974,815	5,077,126,392	5,342,642,549	5,619,327,671	5,909,468,728	6,211,149,060	6,526,163,863	6,857,512,852
Allowed	1,665,730,026	1,762,329,276	1,957,764,052	2,162,306,176	2,276,048,884	2,395,432,054	2,519,731,762	2,650,031,456	2,785,557,890	2,926,910,441	3,075,327,191
Paid	1,646,119,168	1,741,590,464	1,935,041,392	2,137,513,895	2,249,937,894	2,367,933,935	2,490,784,818	2,619,566,630	2,753,509,982	2,893,210,119	3,039,901,530

Appendix E

Medicaid & Medicare Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	228,066,415	245,088,590	262,779,733	279,328,192	296,611,132	314,922,799	334,693,162	355,447,656	377,212,180	400,091,154	423,698,099
Allowed	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Paid	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Inpatient											
Charges	532,646,070	570,428,190	611,519,767	659,510,513	711,245,800	766,399,023	826,123,141	889,582,716	957,721,668	1,030,757,633	1,108,068,667
Allowed	348,259,406	372,934,693	399,530,331	429,987,912	462,758,748	497,585,845	535,422,504	575,592,714	618,869,574	665,449,958	714,750,386
Paid	285,032,017	306,627,292	329,189,877	351,324,176	374,703,149	399,469,938	426,306,055	454,526,773	484,341,402	515,913,885	548,829,249
Outpatient											
Charges	285,561,130	305,776,036	327,694,787	352,585,205	379,191,598	407,509,108	438,075,700	470,453,452	504,801,278	541,259,504	579,846,261
Allowed	197,577,859	211,626,939	226,784,061	243,915,392	262,235,612	281,676,003	302,679,759	324,878,159	348,458,451	373,589,335	400,173,123
Paid	202,617,966	217,332,930	232,903,960	249,693,963	267,623,064	286,552,367	307,083,976	328,677,733	351,766,664	376,497,382	402,520,888
Professional											
Charges	890,137,834	952,819,757	1,019,433,038	1,093,306,773	1,172,795,100	1,256,516,546	1,347,368,320	1,443,545,652	1,548,868,591	1,662,735,633	1,783,005,186
Allowed	531,266,438	568,663,529	608,271,079	651,969,044	698,991,150	748,410,170	802,065,601	858,792,705	921,014,337	988,431,171	1,059,651,948
Paid	529,393,481	566,456,377	605,635,116	648,660,151	694,957,533	743,549,917	796,309,887	852,081,757	913,391,202	979,871,312	1,050,102,666
Total											
Charges	1,936,411,449	2,074,112,573	2,221,427,324	2,384,730,683	2,559,843,629	2,745,347,476	2,946,260,323	3,159,029,475	3,388,603,717	3,634,843,923	3,894,618,213
Allowed	1,262,767,522	1,352,935,472	1,448,831,025	1,553,399,648	1,665,346,059	1,783,682,529	1,911,998,285	2,047,680,486	2,194,125,644	2,351,464,540	2,517,291,314
Paid	1,202,707,283	1,290,126,910	1,381,974,507	1,477,205,591	1,578,644,295	1,685,582,733	1,801,530,339	1,923,703,172	2,055,282,550	2,196,276,655	2,344,168,659

Appendix E

PEIA - Medicare Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	172,042,812	184,495,337	198,212,808	214,842,209	233,006,329	252,363,709	273,246,911	295,602,639	320,249,356	346,814,704	375,005,876
Allowed	110,163,237	118,128,427	126,900,299	137,521,270	149,123,171	161,483,089	174,814,093	189,088,322	204,844,855	221,829,496	239,853,769
Paid	96,699,804	103,716,111	111,439,637	120,774,003	130,969,114	141,827,395	153,533,571	166,063,322	179,892,324	194,790,321	210,598,313
Inpatient											
Charges	209,635,358	224,993,046	241,687,404	261,328,743	282,804,572	305,564,988	330,186,351	356,552,852	386,039,974	417,999,784	451,889,070
Allowed	169,341,346	181,633,926	195,017,849	210,789,838	228,087,440	246,390,323	266,148,368	287,380,163	311,416,143	337,482,218	365,136,414
Paid	157,635,733	169,514,268	182,374,137	197,387,309	213,623,041	230,951,517	249,792,193	269,735,800	291,041,336	314,010,517	338,240,675
Outpatient											
Charges	133,071,458	142,703,213	153,308,847	166,141,379	180,196,982	195,173,297	211,312,723	228,630,966	247,815,571	268,551,468	290,540,666
Allowed	99,374,928	106,529,775	114,415,298	123,984,823	134,476,284	145,646,754	157,676,291	170,596,547	184,959,059	200,489,935	216,964,474
Paid	88,606,737	95,253,815	102,529,339	111,145,690	120,531,551	130,555,449	141,393,187	152,955,709	165,529,175	179,064,960	193,380,687
Professional											
Charges	144,991,012	155,399,482	166,843,211	180,751,935	195,937,503	212,115,826	229,642,401	248,391,243	269,111,806	291,537,767	315,352,019
Allowed	118,609,328	127,076,713	136,379,890	147,653,094	159,982,239	173,099,984	187,303,429	202,532,063	219,513,154	237,912,354	257,455,423
Paid	115,420,218	123,956,284	133,338,450	144,686,585	157,030,951	170,210,522	184,499,525	199,706,598	216,191,002	233,943,814	252,765,021
Total											
Charges	659,740,640	707,591,078	760,052,270	823,064,265	891,945,385	965,217,820	1,044,388,387	1,129,177,700	1,223,216,707	1,324,903,723	1,432,787,632
Allowed	497,488,840	533,368,841	572,713,335	619,949,025	671,669,133	726,620,150	785,942,181	849,597,095	920,733,211	997,714,004	1,079,410,080
Paid	458,362,493	492,440,478	529,681,562	573,993,588	622,154,658	673,544,882	729,218,476	788,461,429	852,653,837	921,809,611	994,984,696

Appendix E

Medicare - Non-Dual Eligible and Non-PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	770,032,166	826,034,046	887,138,224	959,052,822	1,036,826,108	1,119,406,780	1,208,313,788	1,302,883,077	1,406,209,681	1,517,194,181	1,634,971,046
Allowed	417,625,726	447,959,727	481,058,651	519,986,114	562,091,826	606,786,329	654,896,079	706,078,785	762,076,145	822,230,854	886,070,109
Paid	340,879,397	365,695,339	392,753,499	424,465,174	458,739,914	495,103,078	534,222,545	575,814,096	621,291,083	670,121,334	721,941,298
Inpatient											
Charges	968,180,624	1,038,444,796	1,114,318,771	1,201,626,655	1,296,358,011	1,397,304,863	1,506,845,697	1,623,449,095	1,751,953,601	1,890,331,977	2,036,287,053
Allowed	704,775,017	755,304,076	809,946,292	872,863,142	941,371,231	1,014,380,980	1,093,560,072	1,178,132,254	1,272,391,869	1,373,883,288	1,480,865,333
Paid	597,436,400	641,069,530	687,803,120	740,514,012	797,155,613	857,763,570	923,942,322	994,447,880	1,069,140,794	1,148,805,605	1,231,920,107
Outpatient											
Charges	603,660,717	647,480,175	695,431,411	751,799,144	812,760,143	877,301,601	946,663,071	1,020,569,769	1,101,914,582	1,189,690,253	1,283,037,040
Allowed	404,586,612	433,776,267	465,779,768	503,580,600	544,529,016	587,888,438	634,489,177	684,172,809	739,029,834	798,242,181	861,213,295
Paid	333,050,783	357,803,499	384,685,192	415,558,562	448,819,958	484,171,059	522,343,404	562,921,903	606,795,370	653,881,138	703,639,283
Professional											
Charges	647,168,153	693,772,171	744,665,570	805,167,192	870,673,558	940,357,629	1,015,780,709	1,095,988,058	1,183,970,833	1,278,844,476	1,379,626,183
Allowed	474,966,943	509,098,664	546,362,719	590,581,683	638,540,226	689,470,231	744,554,532	803,251,997	868,230,330	938,401,565	1,012,997,546
Paid	430,389,247	462,047,220	496,544,803	537,243,941	581,176,881	628,083,932	678,928,539	732,782,245	790,755,163	852,917,329	918,684,879
Total											
Charges	2,989,041,660	3,205,731,188	3,441,553,976	3,717,645,813	4,016,617,821	4,334,370,873	4,677,603,264	5,042,889,998	5,444,048,698	5,876,060,887	6,333,921,322
Allowed	2,001,954,298	2,146,138,735	2,303,147,430	2,487,011,540	2,686,532,299	2,898,525,977	3,127,499,860	3,371,635,845	3,641,728,177	3,932,757,889	4,241,146,283
Paid	1,701,755,826	1,826,615,588	1,961,786,614	2,117,781,690	2,285,892,367	2,465,121,639	2,659,436,811	2,865,966,125	3,087,982,410	3,325,725,406	3,576,185,567

Appendix E

West Virginia Children's Health Insurance Program Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	16,992,463	18,157,775	19,453,147	20,780,744	22,027,660	23,483,143	25,034,016	26,383,724	27,808,750	29,280,225	30,786,978
Allowed	10,903,360	11,651,126	12,482,317	13,334,205	14,134,368	15,068,354	16,063,584	16,929,653	17,844,074	18,788,281	19,755,007
Paid	8,664,054	9,258,200	9,918,677	10,595,575	11,231,309	11,973,390	12,764,089	13,452,263	14,178,827	14,929,085	15,697,396
Inpatient											
Charges	50,704,170	54,178,120	58,042,991	62,002,136	65,716,226	70,053,169	74,671,330	78,697,006	82,945,227	87,333,810	91,839,106
Allowed	13,950,767	14,906,644	15,970,033	17,059,391	18,081,394	19,274,762	20,545,559	21,653,213	22,822,134	24,029,646	25,269,085
Paid	12,573,758	13,435,250	14,393,673	15,375,482	16,296,537	17,372,048	18,517,309	19,515,614	20,569,115	21,657,416	22,774,616
Outpatient											
Charges	45,190,278	48,290,311	51,735,385	55,266,725	58,584,776	62,457,352	66,584,625	70,174,597	73,965,531	77,879,467	81,883,815
Allowed	14,665,237	15,671,298	16,789,304	17,935,325	19,012,171	20,268,968	21,608,454	22,773,496	24,003,776	25,273,956	26,573,362
Paid	11,207,835	11,976,821	12,831,265	13,707,182	14,530,376	15,491,080	16,515,092	17,405,527	18,345,894	19,316,696	20,309,453
Professional											
Charges	11,610,190	12,407,056	13,292,210	14,199,766	15,053,071	16,048,779	17,110,357	18,032,906	19,007,366	20,013,202	21,040,816
Allowed	7,384,145	7,890,937	8,453,898	9,031,095	9,573,764	10,207,006	10,882,121	11,468,858	12,088,597	12,728,302	13,381,922
Paid	5,934,932	6,342,295	6,794,773	7,258,713	7,694,946	8,203,970	8,746,685	9,218,286	9,716,435	10,230,615	10,755,860
Total											
Charges	124,497,101	133,033,262	142,523,733	152,249,372	161,381,734	172,042,443	183,400,329	193,288,234	203,726,873	214,506,705	225,550,715
Allowed	46,903,509	50,120,006	53,695,552	57,360,016	60,801,698	64,819,089	69,099,717	72,825,220	76,758,581	80,820,186	84,979,377
Paid	38,380,579	41,012,566	43,938,388	46,936,951	49,753,169	53,040,488	56,543,174	59,591,690	62,810,272	66,133,811	69,537,325

Appendix E

Uninsured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	443,989,111	471,912,759	381,824,112	213,562,511	141,576,430	115,284,495	103,873,021	110,444,972	117,361,644	124,609,900	132,205,448
Allowed	443,989,111	471,912,759	381,824,112	213,562,511	141,576,430	115,284,495	103,873,021	110,444,972	117,361,644	124,609,900	132,205,448
Paid	399,682,494	424,930,477	343,897,136	192,380,362	127,546,225	103,868,808	93,596,714	99,527,220	105,768,952	112,311,342	119,167,591
Inpatient											
Charges	1,038,035,603	1,104,238,013	899,264,161	509,371,575	338,359,498	276,220,253	249,437,903	265,798,607	282,868,378	300,782,699	319,383,139
Allowed	1,038,035,603	1,104,238,013	899,264,161	509,371,575	338,359,498	276,220,253	249,437,903	265,798,607	282,868,378	300,782,699	319,383,139
Paid	810,450,008	862,124,188	702,519,876	398,417,451	264,691,198	216,108,011	195,171,270	208,003,780	221,419,664	235,496,848	250,103,276
Outpatient											
Charges	1,214,122,450	1,287,669,131	1,037,881,240	577,487,504	382,251,146	310,838,370	279,711,070	297,065,621	315,359,179	334,509,246	354,565,745
Allowed	1,214,122,450	1,287,669,131	1,037,881,240	577,487,504	382,251,146	310,838,370	279,711,070	297,065,621	315,359,179	334,509,246	354,565,745
Paid	693,641,751	736,007,156	593,571,547	330,504,170	218,868,730	178,061,287	160,308,344	170,336,732	180,912,680	191,981,411	203,566,172
Professional											
Charges	471,325,083	498,226,740	404,287,332	228,531,660	150,895,142	122,424,238	109,901,308	116,446,293	123,330,266	130,546,998	138,103,578
Allowed	471,325,083	498,226,740	404,287,332	228,531,660	150,895,142	122,424,238	109,901,308	116,446,293	123,330,266	130,546,998	138,103,578
Paid	377,037,379	398,529,640	323,768,866	183,428,160	121,107,854	98,252,982	88,198,204	93,445,847	98,967,615	104,757,473	110,819,877
Total											
Charges	3,167,472,246	3,362,046,643	2,723,256,845	1,528,953,249	1,013,082,216	824,767,357	742,923,302	789,755,492	838,919,467	890,448,844	944,257,910
Allowed	3,167,472,246	3,362,046,643	2,723,256,845	1,528,953,249	1,013,082,216	824,767,357	742,923,302	789,755,492	838,919,467	890,448,844	944,257,910
Paid	2,280,811,633	2,421,591,461	1,963,757,425	1,104,730,142	732,214,008	596,291,089	537,274,532	571,313,580	607,068,911	644,547,073	683,656,917

Appendix F

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Appendix F

Initiative II - Employer & Individual Mandate Low Cost Policy

Allowed Charges by Insurance Coverage (in \$millions)						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$593.7	\$634.1	\$675.7	\$715.9	\$757.7	\$801.7
WV CHIP	46.9	50.1	53.7	57.4	60.8	64.8
Medicaid Non-Duals	1,665.7	1,762.3	1,957.8	2,162.3	2,276.0	2,395.4
Commercially Insured	3,890.5	4,145.6	4,612.7	5,296.4	5,865.1	6,322.6
Uninsured	3,167.5	3,362.0	2,691.9	1,445.8	902.7	698.3
PEIA Medicare	497.5	533.4	572.7	619.9	671.7	726.6
Medicare- & Medicaid Duals	1,262.8	1,352.9	1,448.8	1,553.4	1,665.3	1,783.7
<u>Medicare Non-Medicaid/PEIA</u>	<u>2,002.0</u>	<u>2,146.1</u>	<u>2,303.1</u>	<u>2,487.0</u>	<u>2,686.5</u>	<u>2,898.5</u>
West Virginia	\$13,126.6	\$13,986.7	\$14,316.5	\$14,338.1	\$14,885.9	\$15,691.7
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$847.9	\$895.6	\$943.5	\$993.1	\$1,045.0	
WV CHIP	69.1	72.8	76.8	80.8	85.0	
Medicaid Non-Duals	2,519.7	2,650.0	2,785.6	2,926.9	3,075.3	
Commercially Insured	6,759.1	7,166.2	7,593.6	8,043.5	8,514.9	
Uninsured	603.6	641.7	681.6	723.5	767.2	
PEIA Medicare	785.9	849.6	920.7	997.7	1,079.4	
Medicare- & Medicaid Duals	1,912.0	2,047.7	2,194.1	2,351.5	2,517.3	
<u>Medicare Non-Medicaid/PEIA</u>	<u>3,127.5</u>	<u>3,371.6</u>	<u>3,641.7</u>	<u>3,932.8</u>	<u>4,241.1</u>	
West Virginia	\$16,624.9	\$17,695.2	\$18,837.6	\$20,049.7	\$21,325.3	

Savings by Insurance Category						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
WV CHIP	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid Non-Duals	0.0	0.0	-94.9	-199.7	-209.9	-220.6
Commercially Insured	0.0	0.0	-201.2	-612.3	-891.8	-1,043.6
Uninsured	0.0	0.0	874.3	2,326.5	3,085.2	3,517.7
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	\$0.0	\$0.0	\$578.2	\$1,514.6	\$1,983.5	\$2,253.4
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
WV CHIP	0.0	0.0	0.0	0.0	0.0	
Medicaid Non-Duals	-232.0	-244.0	-256.7	-269.9	-283.7	
Commercially Insured	-1,157.2	-1,223.6	-1,293.7	-1,367.9	-1,445.9	
Uninsured	3,853.8	4,070.9	4,300.0	4,541.6	4,795.1	
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
West Virginia	\$2,464.6	\$2,603.3	\$2,749.6	\$2,903.8	\$3,065.5	

Appendix F

2014 West Virginia Health Care Expenditures									
	<u>PEIA Non-Medicare</u>	<u>West Virginia CHIP</u>	<u>Medicaid Non-Duals</u>	<u>Commercially Insured</u>	<u>Uninsured</u>	<u>PEIA Medicare</u>	<u>Medicare and Medicaid Duals</u>	<u>Medicare Non- Medicaid/PEIA</u>	<u>Total Population</u>
Drugs									
Charges	322,388,892	23,483,143	948,426,526	2,531,561,581	97,605,056	252,363,709	314,922,799	1,119,406,780	5,610,158,486
Allowed	207,004,277	15,068,354	625,730,498	1,623,377,304	97,605,056	161,483,089	256,010,511	606,786,329	3,593,065,417
Paid	164,344,537	11,973,390	625,662,196	1,275,075,868	87,940,020	141,827,395	256,010,511	495,103,078	3,057,936,996
Inpatient									
Charges	834,440,248	70,053,169	1,238,539,669	6,616,684,771	233,860,531	305,564,988	766,399,023	1,397,304,863	11,462,847,262
Allowed	229,667,346	19,274,762	374,136,862	1,824,714,795	233,860,531	246,390,323	497,585,845	1,014,380,980	4,440,011,443
Paid	206,810,550	17,372,048	367,103,713	1,611,292,271	182,966,794	230,951,517	399,469,938	857,763,570	3,873,730,401
Outpatient									
Charges	750,148,870	62,457,352	932,085,918	5,931,707,745	263,169,791	195,173,297	407,509,108	877,301,601	9,419,553,681
Allowed	243,940,356	20,268,968	290,209,397	1,927,867,081	263,169,791	145,646,754	281,676,003	587,888,438	3,760,666,786
Paid	187,339,501	15,491,080	284,071,630	1,462,613,037	150,754,720	130,555,449	286,552,367	484,171,059	3,001,548,844
Professional									
Charges	190,136,295	16,048,779	2,223,590,437	1,484,958,183	103,649,884	212,115,826	1,256,516,546	940,357,629	6,427,373,580
Allowed	121,122,874	10,207,006	1,105,355,297	946,680,033	103,649,884	173,099,984	748,410,170	689,470,231	3,897,995,480
Paid	97,410,003	8,203,970	1,091,096,397	749,834,579	83,185,408	170,210,522	743,549,917	628,083,932	3,571,574,728
Total									
Charges	2,097,114,304	172,042,443	5,342,642,549	16,564,912,281	698,285,261	965,217,820	2,745,347,476	4,334,370,873	32,919,933,008
Allowed	801,734,853	64,819,089	2,395,432,054	6,322,639,212	698,285,261	726,620,150	1,783,682,529	2,898,525,977	15,691,739,126
Paid	655,904,592	53,040,488	2,367,933,935	5,098,815,756	504,846,943	673,544,882	1,685,582,733	2,465,121,639	13,504,790,969

Appendix F

Total West Virginia Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	4,075,120,875	4,349,249,390	4,633,983,977	4,938,656,279	5,267,723,141	5,610,158,486	5,972,588,485	6,352,325,917	6,754,599,500	7,179,275,601	7,626,163,663
Allowed	2,748,635,426	2,932,703,703	3,079,699,116	3,208,749,403	3,388,290,457	3,593,065,417	3,815,697,125	4,055,783,451	4,309,981,781	4,578,176,568	4,860,184,126
Paid	2,375,747,930	2,534,754,647	2,652,256,586	2,745,242,379	2,888,321,154	3,057,936,996	3,244,308,055	3,447,404,040	3,662,321,224	3,888,972,562	4,127,201,191
Inpatient											
Charges	8,348,654,938	8,910,200,432	9,463,413,269	10,062,957,388	10,748,255,590	11,462,847,262	12,218,008,915	13,011,414,753	13,857,657,170	14,757,475,111	15,700,774,640
Allowed	3,825,730,605	4,083,407,188	4,140,168,740	4,080,042,002	4,213,159,690	4,440,011,443	4,710,297,622	5,028,528,690	5,369,553,723	5,732,626,926	6,113,450,178
Paid	3,281,893,252	3,505,515,020	3,571,493,570	3,546,029,194	3,673,654,475	3,873,730,401	4,108,570,244	4,380,650,864	4,666,641,095	4,969,472,912	5,285,400,130
Outpatient											
Charges	7,112,563,611	7,573,712,847	7,957,308,768	8,349,722,369	8,870,810,626	9,419,553,681	10,000,990,059	10,612,991,263	11,260,237,378	11,942,920,519	12,661,843,546
Allowed	3,490,625,931	3,716,611,407	3,692,714,880	3,529,055,053	3,596,096,847	3,760,666,786	3,966,991,827	4,219,687,729	4,488,516,904	4,772,828,784	5,072,506,533
Paid	2,565,076,030	2,734,582,479	2,776,452,933	2,751,104,313	2,850,515,077	3,001,548,844	3,177,944,355	3,381,005,416	3,596,226,514	3,823,757,897	4,063,101,669
Professional											
Charges	4,803,643,968	5,103,176,470	5,424,335,860	5,741,919,779	6,066,129,156	6,427,373,580	6,817,637,209	7,236,900,370	7,684,921,570	8,161,359,187	8,664,246,707
Allowed	3,061,562,887	3,254,000,130	3,403,901,299	3,520,238,921	3,688,310,202	3,897,995,480	4,131,945,461	4,391,157,684	4,669,569,214	4,966,111,306	5,279,144,899
Paid	2,771,741,676	2,947,176,626	3,094,982,950	3,217,150,487	3,376,560,546	3,571,574,728	3,788,160,682	4,026,449,792	4,280,690,986	4,551,129,918	4,836,293,184
Total											
Charges	24,339,983,391	25,936,339,139	27,479,041,873	29,093,255,816	30,952,918,513	32,919,933,008	35,009,224,668	37,213,632,302	39,557,415,619	42,041,030,417	44,653,028,555
Allowed	13,126,554,849	13,986,722,427	14,316,484,035	14,338,085,378	14,885,857,196	15,691,739,126	16,624,932,035	17,695,157,555	18,837,621,621	20,049,743,585	21,325,285,737
Paid	10,994,458,887	11,722,028,771	12,095,186,039	12,259,526,373	12,789,051,252	13,504,790,969	14,318,983,336	15,235,510,113	16,205,879,818	17,233,333,289	18,311,996,174

Appendix F

Commercially Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	1,552,235,244	1,656,722,551	1,845,360,093	2,119,403,001	2,347,564,464	2,531,561,581	2,707,747,184	2,871,819,635	3,044,018,908	3,225,017,190	3,415,254,325
Allowed	995,978,981	1,062,913,753	1,183,718,436	1,359,223,378	1,505,427,917	1,623,377,304	1,736,272,450	1,841,474,630	1,952,072,602	2,068,414,920	2,190,706,676
Paid	791,441,804	844,781,919	936,096,937	1,068,905,781	1,182,751,960	1,275,075,868	1,363,673,034	1,446,453,268	1,533,501,591	1,625,106,243	1,721,407,921
Inpatient											
Charges	4,089,388,740	4,363,078,064	4,843,268,243	5,537,518,521	6,127,143,716	6,616,684,771	7,089,788,937	7,540,168,244	8,020,483,490	8,531,789,077	9,066,030,120
Allowed	1,125,269,523	1,200,996,335	1,333,850,970	1,526,119,987	1,689,486,728	1,824,714,795	1,954,701,436	2,077,765,883	2,206,661,307	2,342,997,607	2,485,003,366
Paid	1,014,169,883	1,082,357,921	1,191,211,578	1,349,800,573	1,492,381,406	1,611,292,271	1,725,808,578	1,834,788,879	1,949,278,783	2,070,396,044	2,196,483,269
Outpatient											
Charges	3,631,245,871	3,867,113,623	4,310,659,728	4,965,259,788	5,504,103,093	5,931,707,745	6,338,000,894	6,714,060,387	7,110,598,219	7,527,638,624	7,965,910,829
Allowed	1,178,884,531	1,255,907,619	1,400,447,117	1,613,448,718	1,788,762,827	1,927,867,081	2,060,161,247	2,182,618,630	2,311,575,598	2,446,940,001	2,589,117,768
Paid	901,049,497	960,330,722	1,067,156,352	1,224,558,788	1,356,897,655	1,462,613,037	1,563,490,377	1,657,235,734	1,756,095,081	1,859,885,331	1,968,854,148
Professional											
Charges	927,664,760	982,836,689	1,090,656,367	1,251,906,875	1,382,991,814	1,484,958,183	1,580,592,888	1,668,434,198	1,760,361,351	1,856,759,732	1,957,973,313
Allowed	590,360,429	625,823,275	694,718,467	797,588,716	881,380,371	946,680,033	1,007,967,812	1,064,298,885	1,123,277,467	1,185,131,474	1,250,087,782
Paid	474,323,146	502,706,661	554,641,696	632,683,580	698,409,988	749,834,579	798,160,241	842,694,779	889,348,000	938,271,374	989,644,260
Total											
Charges	10,200,534,615	10,869,750,928	12,089,944,431	13,874,088,185	15,361,803,087	16,564,912,281	17,716,129,903	18,794,482,465	19,935,461,967	21,141,204,623	22,405,168,588
Allowed	3,890,493,463	4,145,640,982	4,612,734,989	5,296,380,798	5,865,057,844	6,322,639,212	6,759,102,945	7,166,158,028	7,593,586,975	8,043,484,001	8,514,915,591
Paid	3,180,984,330	3,390,177,223	3,749,106,563	4,275,948,723	4,730,441,008	5,098,815,756	5,451,132,229	5,781,172,660	6,128,223,456	6,493,658,991	6,876,389,598

Appendix F

PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	237,681,401	254,265,685	271,295,685	287,645,681	304,587,046	322,388,892	341,064,152	360,281,969	379,586,483	399,508,794	420,410,767
Allowed	152,658,446	163,292,461	174,215,397	184,707,465	195,579,304	207,004,277	218,984,346	231,311,274	243,702,655	256,494,126	269,915,681
Paid	121,110,862	129,576,976	138,272,135	146,615,995	155,261,015	164,344,537	173,869,616	183,666,599	193,514,523	203,682,817	214,354,409
Inpatient											
Charges	611,920,683	655,181,833	699,549,856	742,556,099	787,280,038	834,440,248	884,063,168	935,131,425	986,164,286	1,038,873,306	1,093,959,137
Allowed	168,492,265	180,361,970	192,541,741	204,374,957	216,684,601	229,667,346	243,324,033	257,357,418	271,331,128	285,769,714	300,839,989
Paid	151,731,848	162,414,264	173,372,965	184,025,055	195,117,919	206,810,550	219,109,148	231,748,013	244,341,574	257,346,233	270,920,388
Outpatient											
Charges	557,403,903	594,823,226	633,350,467	670,670,060	709,399,484	750,148,870	792,887,022	837,013,637	881,685,164	927,948,126	976,444,383
Allowed	181,081,642	193,315,644	205,900,717	218,050,995	230,662,843	243,940,356	257,885,364	272,293,621	286,884,272	301,982,831	317,784,238
Paid	138,840,714	148,291,008	158,010,073	167,377,952	177,098,504	187,339,501	198,102,613	209,220,530	220,473,013	232,111,632	244,283,336
Professional											
Charges	143,921,593	152,747,889	161,871,210	170,876,957	180,260,703	190,136,295	200,475,267	211,192,333	222,150,597	233,526,781	245,445,394
Allowed	91,512,591	97,172,397	103,020,831	108,790,874	114,801,337	121,122,874	127,738,359	134,590,774	141,591,020	148,856,167	156,466,441
Paid	73,654,152	78,191,833	82,882,084	87,511,673	92,335,500	97,410,003	102,720,554	108,220,981	113,844,711	119,683,516	125,799,422
Total											
Charges	1,550,927,579	1,657,018,633	1,766,067,218	1,871,748,796	1,981,527,271	2,097,114,304	2,218,489,609	2,343,619,365	2,469,586,529	2,599,857,008	2,736,259,681
Allowed	593,744,944	634,142,473	675,678,686	715,924,291	757,728,085	801,734,853	847,932,103	895,553,087	943,509,075	993,102,838	1,045,006,349
Paid	485,337,576	518,474,082	552,537,256	585,530,675	619,812,937	655,904,592	693,801,931	732,856,123	772,173,821	812,824,198	855,357,555

Appendix F

Medicaid - Non-Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	654,081,262	692,572,647	772,294,035	855,662,315	900,953,437	948,426,526	998,092,443	1,050,170,678	1,104,157,806	1,160,123,809	1,218,619,644
Allowed	431,652,745	457,135,137	509,628,210	564,508,356	594,426,356	625,730,498	658,439,323	692,747,339	728,301,832	765,179,271	803,750,101
Paid	431,605,695	457,085,312	509,572,623	564,446,740	594,361,473	625,662,196	658,367,448	692,671,716	728,222,320	765,095,722	803,662,330
Inpatient											
Charges	848,143,690	899,658,370	1,006,179,725	1,116,761,057	1,176,223,257	1,238,539,669	1,303,661,993	1,371,872,047	1,442,518,369	1,516,003,581	1,593,202,685
Allowed	257,606,677	273,031,531	304,465,013	337,193,112	355,205,577	374,136,862	393,927,354	414,685,677	436,231,010	458,628,551	482,086,806
Paid	252,863,605	267,972,308	298,776,746	330,865,379	348,532,526	367,103,713	386,517,982	406,884,833	428,024,614	450,002,022	473,022,914
Outpatient											
Charges	642,307,805	679,857,133	759,092,585	841,937,066	885,982,386	932,085,918	980,200,780	1,030,722,637	1,083,227,699	1,138,164,314	1,196,095,885
Allowed	200,332,672	212,114,734	236,563,057	262,076,197	275,825,931	290,209,397	305,226,292	320,988,650	337,376,580	354,521,782	372,595,605
Paid	196,060,747	207,586,528	231,541,586	256,542,685	269,998,270	284,071,630	298,765,178	314,189,685	330,229,763	347,015,862	364,716,360
Professional											
Charges	1,566,825,343	1,654,966,686	1,827,987,612	2,009,614,377	2,113,967,313	2,223,590,437	2,337,372,455	2,456,703,366	2,581,245,186	2,711,872,159	2,849,594,638
Allowed	776,137,932	820,047,874	907,107,772	998,528,511	1,050,591,020	1,105,355,297	1,162,138,793	1,221,609,789	1,283,648,468	1,348,580,837	1,416,894,679
Paid	765,589,121	808,946,315	895,150,436	985,659,091	1,037,045,624	1,091,096,397	1,147,134,210	1,205,820,396	1,267,033,286	1,331,096,512	1,398,499,926
Total											
Charges	3,711,358,100	3,927,054,836	4,365,553,957	4,823,974,815	5,077,126,392	5,342,642,549	5,619,327,671	5,909,468,728	6,211,149,060	6,526,163,863	6,857,512,852
Allowed	1,665,730,026	1,762,329,276	1,957,764,052	2,162,306,176	2,276,048,884	2,395,432,054	2,519,731,762	2,650,031,456	2,785,557,890	2,926,910,441	3,075,327,191
Paid	1,646,119,168	1,741,590,464	1,935,041,392	2,137,513,895	2,249,937,894	2,367,933,935	2,490,784,818	2,619,566,630	2,753,509,982	2,893,210,119	3,039,901,530

Appendix F

Medicaid & Medicare Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	228,066,415	245,088,590	262,779,733	279,328,192	296,611,132	314,922,799	334,693,162	355,447,656	377,212,180	400,091,154	423,698,099
Allowed	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Paid	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Inpatient											
Charges	532,646,070	570,428,190	611,519,767	659,510,513	711,245,800	766,399,023	826,123,141	889,582,716	957,721,668	1,030,757,633	1,108,068,667
Allowed	348,259,406	372,934,693	399,530,331	429,987,912	462,758,748	497,585,845	535,422,504	575,592,714	618,869,574	665,449,958	714,750,386
Paid	285,032,017	306,627,292	329,189,877	351,324,176	374,703,149	399,469,938	426,306,055	454,526,773	484,341,402	515,913,885	548,829,249
Outpatient											
Charges	285,561,130	305,776,036	327,694,787	352,585,205	379,191,598	407,509,108	438,075,700	470,453,452	504,801,278	541,259,504	579,846,261
Allowed	197,577,859	211,626,939	226,784,061	243,915,392	262,235,612	281,676,003	302,679,759	324,878,159	348,458,451	373,589,335	400,173,123
Paid	202,617,966	217,332,930	232,903,960	249,693,963	267,623,064	286,552,367	307,083,976	328,677,733	351,766,664	376,497,382	402,520,888
Professional											
Charges	890,137,834	952,819,757	1,019,433,038	1,093,306,773	1,172,795,100	1,256,516,546	1,347,368,320	1,443,545,652	1,548,868,591	1,662,735,633	1,783,005,186
Allowed	531,266,438	568,663,529	608,271,079	651,969,044	698,991,150	748,410,170	802,065,601	858,792,705	921,014,337	988,431,171	1,059,651,948
Paid	529,393,481	566,456,377	605,635,116	648,660,151	694,957,533	743,549,917	796,309,887	852,081,757	913,391,202	979,871,312	1,050,102,666
Total											
Charges	1,936,411,449	2,074,112,573	2,221,427,324	2,384,730,683	2,559,843,629	2,745,347,476	2,946,260,323	3,159,029,475	3,388,603,717	3,634,843,923	3,894,618,213
Allowed	1,262,767,522	1,352,935,472	1,448,831,025	1,553,399,648	1,665,346,059	1,783,682,529	1,911,998,285	2,047,680,486	2,194,125,644	2,351,464,540	2,517,291,314
Paid	1,202,707,283	1,290,126,910	1,381,974,507	1,477,205,591	1,578,644,295	1,685,582,733	1,801,530,339	1,923,703,172	2,055,282,550	2,196,276,655	2,344,168,659

Appendix F

PEIA - Medicare Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	172,042,812	184,495,337	198,212,808	214,842,209	233,006,329	252,363,709	273,246,911	295,602,639	320,249,356	346,814,704	375,005,876
Allowed	110,163,237	118,128,427	126,900,299	137,521,270	149,123,171	161,483,089	174,814,093	189,088,322	204,844,855	221,829,496	239,853,769
Paid	96,699,804	103,716,111	111,439,637	120,774,003	130,969,114	141,827,395	153,533,571	166,063,322	179,892,324	194,790,321	210,598,313
Inpatient											
Charges	209,635,358	224,993,046	241,687,404	261,328,743	282,804,572	305,564,988	330,186,351	356,552,852	386,039,974	417,999,784	451,889,070
Allowed	169,341,346	181,633,926	195,017,849	210,789,838	228,087,440	246,390,323	266,148,368	287,380,163	311,416,143	337,482,218	365,136,414
Paid	157,635,733	169,514,268	182,374,137	197,387,309	213,623,041	230,951,517	249,792,193	269,735,800	291,041,336	314,010,517	338,240,675
Outpatient											
Charges	133,071,458	142,703,213	153,308,847	166,141,379	180,196,982	195,173,297	211,312,723	228,630,966	247,815,571	268,551,468	290,540,666
Allowed	99,374,928	106,529,775	114,415,298	123,984,823	134,476,284	145,646,754	157,676,291	170,596,547	184,959,059	200,489,935	216,964,474
Paid	88,606,737	95,253,815	102,529,339	111,145,690	120,531,551	130,555,449	141,393,187	152,955,709	165,529,175	179,064,960	193,380,687
Professional											
Charges	144,991,012	155,399,482	166,843,211	180,751,935	195,937,503	212,115,826	229,642,401	248,391,243	269,111,806	291,537,767	315,352,019
Allowed	118,609,328	127,076,713	136,379,890	147,653,094	159,982,239	173,099,984	187,303,429	202,532,063	219,513,154	237,912,354	257,455,423
Paid	115,420,218	123,956,284	133,338,450	144,686,585	157,030,951	170,210,522	184,499,525	199,706,598	216,191,002	233,943,814	252,765,021
Total											
Charges	659,740,640	707,591,078	760,052,270	823,064,265	891,945,385	965,217,820	1,044,388,387	1,129,177,700	1,223,216,707	1,324,903,723	1,432,787,632
Allowed	497,488,840	533,368,841	572,713,335	619,949,025	671,669,133	726,620,150	785,942,181	849,597,095	920,733,211	997,714,004	1,079,410,080
Paid	458,362,493	492,440,478	529,681,562	573,993,588	622,154,658	673,544,882	729,218,476	788,461,429	852,653,837	921,809,611	994,984,696

Appendix F

Medicare - Non-Dual Eligible and Non-PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	770,032,166	826,034,046	887,138,224	959,052,822	1,036,826,108	1,119,406,780	1,208,313,788	1,302,883,077	1,406,209,681	1,517,194,181	1,634,971,046
Allowed	417,625,726	447,959,727	481,058,651	519,986,114	562,091,826	606,786,329	654,896,079	706,078,785	762,076,145	822,230,854	886,070,109
Paid	340,879,397	365,695,339	392,753,499	424,465,174	458,739,914	495,103,078	534,222,545	575,814,096	621,291,083	670,121,334	721,941,298
Inpatient											
Charges	968,180,624	1,038,444,796	1,114,318,771	1,201,626,655	1,296,358,011	1,397,304,863	1,506,845,697	1,623,449,095	1,751,953,601	1,890,331,977	2,036,287,053
Allowed	704,775,017	755,304,076	809,946,292	872,863,142	941,371,231	1,014,380,980	1,093,560,072	1,178,132,254	1,272,391,869	1,373,883,288	1,480,865,333
Paid	597,436,400	641,069,530	687,803,120	740,514,012	797,155,613	857,763,570	923,942,322	994,447,880	1,069,140,794	1,148,805,605	1,231,920,107
Outpatient											
Charges	603,660,717	647,480,175	695,431,411	751,799,144	812,760,143	877,301,601	946,663,071	1,020,569,769	1,101,914,582	1,189,690,253	1,283,037,040
Allowed	404,586,612	433,776,267	465,779,768	503,580,600	544,529,016	587,888,438	634,489,177	684,172,809	739,029,834	798,242,181	861,213,295
Paid	333,050,783	357,803,499	384,685,192	415,558,562	448,819,958	484,171,059	522,343,404	562,921,903	606,795,370	653,881,138	703,639,283
Professional											
Charges	647,168,153	693,772,171	744,665,570	805,167,192	870,673,558	940,357,629	1,015,780,709	1,095,988,058	1,183,970,833	1,278,844,476	1,379,626,183
Allowed	474,966,943	509,098,664	546,362,719	590,581,683	638,540,226	689,470,231	744,554,532	803,251,997	868,230,330	938,401,565	1,012,997,546
Paid	430,389,247	462,047,220	496,544,803	537,243,941	581,176,881	628,083,932	678,928,539	732,782,245	790,755,163	852,917,329	918,684,879
Total											
Charges	2,989,041,660	3,205,731,188	3,441,553,976	3,717,645,813	4,016,617,821	4,334,370,873	4,677,603,264	5,042,889,998	5,444,048,698	5,876,060,887	6,333,921,322
Allowed	2,001,954,298	2,146,138,735	2,303,147,430	2,487,011,540	2,686,532,299	2,898,525,977	3,127,499,860	3,371,635,845	3,641,728,177	3,932,757,889	4,241,146,283
Paid	1,701,755,826	1,826,615,588	1,961,786,614	2,117,781,690	2,285,892,367	2,465,121,639	2,659,436,811	2,865,966,125	3,087,982,410	3,325,725,406	3,576,185,567

Appendix F

West Virginia Children's Health Insurance Program Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	16,992,463	18,157,775	19,453,147	20,780,744	22,027,660	23,483,143	25,034,016	26,383,724	27,808,750	29,280,225	30,786,978
Allowed	10,903,360	11,651,126	12,482,317	13,334,205	14,134,368	15,068,354	16,063,584	16,929,653	17,844,074	18,788,281	19,755,007
Paid	8,664,054	9,258,200	9,918,677	10,595,575	11,231,309	11,973,390	12,764,089	13,452,263	14,178,827	14,929,085	15,697,396
Inpatient											
Charges	50,704,170	54,178,120	58,042,991	62,002,136	65,716,226	70,053,169	74,671,330	78,697,006	82,945,227	87,333,810	91,839,106
Allowed	13,950,767	14,906,644	15,970,033	17,059,391	18,081,394	19,274,762	20,545,559	21,653,213	22,822,134	24,029,646	25,269,085
Paid	12,573,758	13,435,250	14,393,673	15,375,482	16,296,537	17,372,048	18,517,309	19,515,614	20,569,115	21,657,416	22,774,616
Outpatient											
Charges	45,190,278	48,290,311	51,735,385	55,266,725	58,584,776	62,457,352	66,584,625	70,174,597	73,965,531	77,879,467	81,883,815
Allowed	14,665,237	15,671,298	16,789,304	17,935,325	19,012,171	20,268,968	21,608,454	22,773,496	24,003,776	25,273,956	26,573,362
Paid	11,207,835	11,976,821	12,831,265	13,707,182	14,530,376	15,491,080	16,515,092	17,405,527	18,345,894	19,316,696	20,309,453
Professional											
Charges	11,610,190	12,407,056	13,292,210	14,199,766	15,053,071	16,048,779	17,110,357	18,032,906	19,007,366	20,013,202	21,040,816
Allowed	7,384,145	7,890,937	8,453,898	9,031,095	9,573,764	10,207,006	10,882,121	11,468,858	12,088,597	12,728,302	13,381,922
Paid	5,934,932	6,342,295	6,794,773	7,258,713	7,694,946	8,203,970	8,746,685	9,218,286	9,716,435	10,230,615	10,755,860
Total											
Charges	124,497,101	133,033,262	142,523,733	152,249,372	161,381,734	172,042,443	183,400,329	193,288,234	203,726,873	214,506,705	225,550,715
Allowed	46,903,509	50,120,006	53,695,552	57,360,016	60,801,698	64,819,089	69,099,717	72,825,220	76,758,581	80,820,186	84,979,377
Paid	38,380,579	41,012,566	43,938,388	46,936,951	49,753,169	53,040,488	56,543,174	59,591,690	62,810,272	66,133,811	69,537,325

Appendix F

Uninsured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	443,989,111	471,912,759	377,450,252	201,941,315	126,146,966	97,605,056	84,396,829	89,736,539	95,356,336	101,245,544	107,416,927
Allowed	443,989,111	471,912,759	377,450,252	201,941,315	126,146,966	97,605,056	84,396,829	89,736,539	95,356,336	101,245,544	107,416,927
Paid	399,682,494	424,930,477	339,957,524	181,911,812	113,645,820	87,940,020	76,047,330	80,865,866	85,937,274	91,252,965	96,823,668
Inpatient											
Charges	1,038,035,603	1,104,238,013	888,846,512	481,653,663	301,483,970	233,860,531	202,668,296	215,961,368	229,830,557	244,385,943	259,498,801
Allowed	1,038,035,603	1,104,238,013	888,846,512	481,653,663	301,483,970	233,860,531	202,668,296	215,961,368	229,830,557	244,385,943	259,498,801
Paid	810,450,008	862,124,188	694,371,475	376,737,208	235,844,283	182,966,794	158,576,657	169,003,071	179,903,477	191,341,189	203,208,912
Outpatient											
Charges	1,214,122,450	1,287,669,131	1,026,035,558	546,063,003	340,592,163	263,169,791	227,265,244	241,365,817	256,229,333	271,788,762	288,084,667
Allowed	1,214,122,450	1,287,669,131	1,026,035,558	546,063,003	340,592,163	263,169,791	227,265,244	241,365,817	256,229,333	271,788,762	288,084,667
Paid	693,641,751	736,007,156	586,795,166	312,519,489	195,015,699	150,754,720	130,250,529	138,398,595	146,991,552	155,984,896	165,397,515
Professional											
Charges	471,325,083	498,226,740	399,586,643	216,095,904	134,450,095	103,649,884	89,294,813	94,612,613	100,205,841	106,069,436	112,209,157
Allowed	471,325,083	498,226,740	399,586,643	216,095,904	134,450,095	103,649,884	89,294,813	94,612,613	100,205,841	106,069,436	112,209,157
Paid	377,037,379	398,529,640	319,995,592	173,446,752	107,909,123	83,185,408	71,661,041	75,924,751	80,411,187	85,115,446	90,041,150
Total											
Charges	3,167,472,246	3,362,046,643	2,691,918,965	1,445,753,886	902,673,195	698,285,261	603,625,183	641,676,338	681,622,067	723,489,686	767,209,552
Allowed	3,167,472,246	3,362,046,643	2,691,918,965	1,445,753,886	902,673,195	698,285,261	603,625,183	641,676,338	681,622,067	723,489,686	767,209,552
Paid	2,280,811,633	2,421,591,461	1,941,119,757	1,044,615,260	652,414,925	504,846,943	436,535,557	464,192,284	493,243,490	523,694,497	555,471,245

Appendix G

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Appendix G

Initiative III - Individual Mandate High Cost Policy

Allowed Charges by Insurance Coverage (in \$millions)						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$593.7	\$634.1	\$675.7	\$715.9	\$757.7	\$801.7
WV CHIP	46.9	50.1	53.7	57.4	60.8	64.8
Medicaid Non-Duals	1,665.7	1,762.3	1,957.8	2,162.3	2,276.0	2,395.4
Commercially Insured	3,890.5	4,145.6	4,506.1	5,013.4	5,489.6	5,892.5
Uninsured	3,167.5	3,362.0	2,966.1	2,173.7	1,868.8	1,805.0
PEIA Medicare	497.5	533.4	572.7	619.9	671.7	726.6
Medicare- & Medicaid Duals	1,262.8	1,352.9	1,448.8	1,553.4	1,665.3	1,783.7
<u>Medicare Non-Medicaid/PEIA</u>	<u>2,002.0</u>	<u>2,146.1</u>	<u>2,303.1</u>	<u>2,487.0</u>	<u>2,686.5</u>	<u>2,898.5</u>
West Virginia	\$13,126.6	\$13,986.7	\$14,484.1	\$14,783.1	\$15,476.5	\$16,368.4
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$847.9	\$895.6	\$943.5	\$993.1	\$1,045.0	
WV CHIP	69.1	72.8	76.8	80.8	85.0	
Medicaid Non-Duals	2,519.7	2,650.0	2,785.6	2,926.9	3,075.3	
Commercially Insured	6,285.4	6,662.7	7,058.8	7,475.9	7,913.1	
Uninsured	1,822.5	1,937.4	2,058.0	2,184.4	2,316.4	
PEIA Medicare	785.9	849.6	920.7	997.7	1,079.4	
Medicare- & Medicaid Duals	1,912.0	2,047.7	2,194.1	2,351.5	2,517.3	
<u>Medicare Non-Medicaid/PEIA</u>	<u>3,127.5</u>	<u>3,371.6</u>	<u>3,641.7</u>	<u>3,932.8</u>	<u>4,241.1</u>	
West Virginia	\$17,370.1	\$18,487.4	\$19,679.2	\$20,943.0	\$22,272.6	

Savings by Insurance Category						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
WV CHIP	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid Non-Duals	0.0	0.0	-94.9	-199.7	-209.9	-220.6
Commercially Insured	0.0	0.0	-94.6	-329.3	-516.3	-613.5
Uninsured	0.0	0.0	600.1	1,598.6	2,119.1	2,411.0
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	\$0.0	\$0.0	\$410.6	\$1,069.6	\$1,392.9	\$1,576.7
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
WV CHIP	0.0	0.0	0.0	0.0	0.0	
Medicaid Non-Duals	-232.0	-244.0	-256.7	-269.9	-283.7	
Commercially Insured	-683.5	-720.1	-758.9	-800.3	-844.1	
Uninsured	2,634.9	2,775.2	2,923.6	3,080.7	3,245.9	
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
West Virginia	\$1,719.4	\$1,811.1	\$1,908.0	\$2,010.5	\$2,118.2	

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2014 West Virginia Health Care Expenditures									
	<u>PEIA Non-Medicare</u>	<u>West Virginia CHIP</u>	<u>Medicaid Non-Duals</u>	<u>Commercially Insured</u>	<u>Uninsured</u>	<u>PEIA Medicare</u>	<u>Medicare and Medicaid Duals</u>	<u>Medicare Non- Medicaid/PEIA</u>	<u>Total Population</u>
Drugs									
Charges	322,388,892	23,483,143	948,426,526	2,360,675,138	252,300,151	252,363,709	314,922,799	1,119,406,780	5,593,967,138
Allowed	207,004,277	15,068,354	625,730,498	1,514,019,819	252,300,151	161,483,089	256,010,511	606,786,329	3,638,403,028
Paid	164,344,537	11,973,390	625,662,196	1,202,399,859	227,316,917	141,827,395	256,010,511	495,103,078	3,124,637,883
Inpatient									
Charges	834,440,248	70,053,169	1,238,539,669	6,197,862,447	604,508,105	305,564,988	766,399,023	1,397,304,863	11,414,672,511
Allowed	229,667,346	19,274,762	374,136,862	1,708,772,018	604,508,105	246,390,323	497,585,845	1,014,380,980	4,694,716,241
Paid	206,810,550	17,372,048	367,103,713	1,530,839,136	472,952,446	230,951,517	399,469,938	857,763,570	4,083,262,918
Outpatient									
Charges	750,148,870	62,457,352	932,085,918	5,510,549,602	680,269,864	195,173,297	407,509,108	877,301,601	9,415,495,611
Allowed	243,940,356	20,268,968	290,209,397	1,790,850,127	680,269,864	145,646,754	281,676,003	587,888,438	4,040,749,906
Paid	187,339,501	15,491,080	284,071,630	1,372,787,986	389,687,178	130,555,449	286,552,367	484,171,059	3,150,656,250
Professional									
Charges	190,136,295	16,048,779	2,223,590,437	1,378,245,469	267,925,481	212,115,826	1,256,516,546	940,357,629	6,484,936,462
Allowed	121,122,874	10,207,006	1,105,355,297	878,893,046	267,925,481	173,099,984	748,410,170	689,470,231	3,994,484,089
Paid	97,410,003	8,203,970	1,091,096,397	704,571,844	215,026,680	170,210,522	743,549,917	628,083,932	3,658,153,265
Total									
Charges	2,097,114,304	172,042,443	5,342,642,549	15,447,332,657	1,805,003,600	965,217,820	2,745,347,476	4,334,370,873	32,909,071,722
Allowed	801,734,853	64,819,089	2,395,432,054	5,892,535,010	1,805,003,600	726,620,150	1,783,682,529	2,898,525,977	16,368,353,264
Paid	655,904,592	53,040,488	2,367,933,935	4,810,598,825	1,304,983,221	673,544,882	1,685,582,733	2,465,121,639	14,016,710,316

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Total West Virginia Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	4,075,120,875	4,349,249,390	4,629,979,833	4,928,015,910	5,253,595,474	5,593,967,138	5,954,741,387	6,333,336,719	6,734,434,822	7,157,896,978	7,603,518,903
Allowed	2,748,635,426	2,932,703,703	3,090,919,183	3,238,559,332	3,427,864,864	3,638,403,028	3,865,633,200	4,108,866,691	4,366,386,327	4,638,068,340	4,923,734,259
Paid	2,375,747,930	2,534,754,647	2,669,714,460	2,790,408,302	2,946,965,255	3,124,637,883	3,317,503,057	3,525,145,156	3,744,859,996	3,976,553,159	4,220,074,619
Inpatient											
Charges	8,348,654,938	8,910,200,432	9,451,479,375	10,031,319,872	10,706,277,924	11,414,672,511	12,164,750,529	12,954,428,081	13,796,307,209	14,691,466,213	15,629,838,949
Allowed	3,825,730,605	4,083,407,188	4,202,805,263	4,246,700,756	4,434,886,521	4,694,716,241	4,991,515,320	5,328,182,360	5,688,454,642	6,071,738,249	6,473,546,821
Paid	3,281,893,252	3,505,515,020	3,624,855,885	3,685,635,123	3,856,853,540	4,083,262,918	4,339,403,071	4,626,525,187	4,928,261,909	5,247,631,429	5,580,724,042
Outpatient											
Charges	7,112,563,611	7,573,712,847	7,956,268,335	8,347,002,270	8,867,241,309	9,415,495,611	9,996,584,831	10,608,375,551	11,255,387,761	11,937,790,022	12,656,402,874
Allowed	3,490,625,931	3,716,611,407	3,762,316,270	3,713,696,196	3,840,872,419	4,040,749,906	4,275,139,948	4,546,949,359	4,835,932,819	5,141,345,442	5,463,125,058
Paid	2,565,076,030	2,734,582,479	2,814,331,732	2,850,521,852	2,981,157,618	3,150,656,250	3,341,820,442	3,555,066,343	3,781,041,908	4,019,837,643	4,270,975,525
Professional											
Charges	4,803,643,968	5,103,176,470	5,438,720,183	5,780,004,126	6,116,527,069	6,484,936,462	6,880,842,103	7,303,890,665	7,755,901,655	8,236,526,022	8,743,803,349
Allowed	3,061,562,887	3,254,000,130	3,428,061,058	3,584,154,310	3,772,830,735	3,994,484,089	4,237,845,649	4,503,359,122	4,788,401,032	5,091,894,975	5,412,210,291
Paid	2,771,741,676	2,947,176,626	3,117,325,101	3,275,409,795	3,452,696,663	3,658,153,265	3,882,986,587	4,126,858,905	4,386,982,719	4,663,596,532	4,955,231,329
Total											
Charges	24,339,983,391	25,936,339,139	27,476,447,726	29,086,342,179	30,943,641,775	32,909,071,722	34,996,918,851	37,200,031,015	39,542,031,448	42,023,679,235	44,633,564,074
Allowed	13,126,554,849	13,986,722,427	14,484,101,773	14,783,110,594	15,476,454,539	16,368,353,264	17,370,134,116	18,487,357,532	19,679,174,819	20,943,047,005	22,272,616,429
Paid	10,994,458,887	11,722,028,771	12,226,227,179	12,601,975,073	13,237,673,077	14,016,710,316	14,881,713,157	15,833,595,591	16,841,146,533	17,907,618,763	19,027,005,515

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Commercially Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	1,552,235,244	1,656,722,551	1,803,084,675	2,007,077,169	2,198,428,992	2,360,675,138	2,519,483,411	2,671,631,656	2,831,307,782	2,999,200,450	3,175,710,003
Allowed	995,978,981	1,062,913,753	1,156,667,228	1,287,347,845	1,409,994,519	1,514,019,819	1,615,791,850	1,713,359,088	1,815,930,701	1,923,868,574	2,037,357,246
Paid	791,441,804	844,781,919	919,083,210	1,022,471,891	1,119,767,510	1,202,399,859	1,283,310,926	1,360,907,539	1,442,513,177	1,528,426,044	1,618,772,020
Inpatient											
Charges	4,089,388,740	4,363,078,064	4,740,179,924	5,263,349,282	5,762,505,186	6,197,862,447	6,627,296,491	7,047,105,733	7,495,052,596	7,972,308,563	8,471,106,466
Allowed	1,125,269,523	1,200,996,335	1,305,333,066	1,450,247,017	1,588,552,695	1,708,772,018	1,826,685,074	1,941,343,713	2,061,481,294	2,188,637,313	2,321,112,046
Paid	1,014,169,883	1,082,357,921	1,173,275,380	1,299,704,375	1,423,169,970	1,530,839,136	1,636,438,540	1,739,407,000	1,847,632,961	1,962,192,545	2,081,481,493
Outpatient											
Charges	3,631,245,871	3,867,113,623	4,205,969,574	4,687,575,308	5,136,017,674	5,510,549,602	5,874,694,692	6,222,071,391	6,588,362,449	6,973,703,896	7,378,760,732
Allowed	1,178,884,531	1,255,907,619	1,366,398,786	1,523,125,480	1,669,022,298	1,790,850,127	1,909,408,393	2,022,506,975	2,141,605,360	2,266,652,427	2,398,026,868
Paid	901,049,497	960,330,722	1,045,741,818	1,166,610,369	1,278,826,168	1,372,787,986	1,464,360,587	1,551,837,959	1,644,100,610	1,740,995,575	1,842,752,253
Professional											
Charges	927,664,760	982,836,689	1,063,909,661	1,181,178,363	1,289,495,563	1,378,245,469	1,463,490,949	1,544,379,794	1,629,002,718	1,717,747,898	1,810,953,771
Allowed	590,360,429	625,823,275	677,747,198	752,691,246	822,006,741	878,893,046	933,561,167	985,455,624	1,039,770,568	1,096,736,473	1,156,576,989
Paid	474,323,146	502,706,661	543,967,698	603,605,570	659,057,209	704,571,844	748,285,968	789,794,298	833,270,990	878,870,259	926,768,544
Total											
Charges	10,200,534,615	10,869,750,928	11,813,143,835	13,139,180,122	14,386,447,415	15,447,332,657	16,484,965,543	17,485,188,573	18,543,725,545	19,662,960,806	20,836,530,973
Allowed	3,890,493,463	4,145,640,982	4,506,146,278	5,013,411,588	5,489,576,252	5,892,535,010	6,285,446,483	6,662,665,401	7,058,787,922	7,475,894,788	7,913,073,149
Paid	3,180,984,330	3,390,177,223	3,682,068,107	4,092,392,205	4,480,820,857	4,810,598,825	5,132,396,021	5,441,946,795	5,767,517,738	6,110,484,424	6,469,774,311

Appendix G

PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	237,681,401	254,265,685	271,295,685	287,645,681	304,587,046	322,388,892	341,064,152	360,281,969	379,586,483	399,508,794	420,410,767
Allowed	152,658,446	163,292,461	174,215,397	184,707,465	195,579,304	207,004,277	218,984,346	231,311,274	243,702,655	256,494,126	269,915,681
Paid	121,110,862	129,576,976	138,272,135	146,615,995	155,261,015	164,344,537	173,869,616	183,666,599	193,514,523	203,682,817	214,354,409
Inpatient											
Charges	611,920,683	655,181,833	699,549,856	742,556,099	787,280,038	834,440,248	884,063,168	935,131,425	986,164,286	1,038,873,306	1,093,959,137
Allowed	168,492,265	180,361,970	192,541,741	204,374,957	216,684,601	229,667,346	243,324,033	257,357,418	271,331,128	285,769,714	300,839,989
Paid	151,731,848	162,414,264	173,372,965	184,025,055	195,117,919	206,810,550	219,109,148	231,748,013	244,341,574	257,346,233	270,920,388
Outpatient											
Charges	557,403,903	594,823,226	633,350,467	670,670,060	709,399,484	750,148,870	792,887,022	837,013,637	881,685,164	927,948,126	976,444,383
Allowed	181,081,642	193,315,644	205,900,717	218,050,995	230,662,843	243,940,356	257,885,364	272,293,621	286,884,272	301,982,831	317,784,238
Paid	138,840,714	148,291,008	158,010,073	167,377,952	177,098,504	187,339,501	198,102,613	209,220,530	220,473,013	232,111,632	244,283,336
Professional											
Charges	143,921,593	152,747,889	161,871,210	170,876,957	180,260,703	190,136,295	200,475,267	211,192,333	222,150,597	233,526,781	245,445,394
Allowed	91,512,591	97,172,397	103,020,831	108,790,874	114,801,337	121,122,874	127,738,359	134,590,774	141,591,020	148,856,167	156,466,441
Paid	73,654,152	78,191,833	82,882,084	87,511,673	92,335,500	97,410,003	102,720,554	108,220,981	113,844,711	119,683,516	125,799,422
Total											
Charges	1,550,927,579	1,657,018,633	1,766,067,218	1,871,748,796	1,981,527,271	2,097,114,304	2,218,489,609	2,343,619,365	2,469,586,529	2,599,857,008	2,736,259,681
Allowed	593,744,944	634,142,473	675,678,686	715,924,291	757,728,085	801,734,853	847,932,103	895,553,087	943,509,075	993,102,838	1,045,006,349
Paid	485,337,576	518,474,082	552,537,256	585,530,675	619,812,937	655,904,592	693,801,931	732,856,123	772,173,821	812,824,198	855,357,555

Appendix G

Medicaid - Non-Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	654,081,262	692,572,647	772,294,035	855,662,315	900,953,437	948,426,526	998,092,443	1,050,170,678	1,104,157,806	1,160,123,809	1,218,619,644
Allowed	431,652,745	457,135,137	509,628,210	564,508,356	594,426,356	625,730,498	658,439,323	692,747,339	728,301,832	765,179,271	803,750,101
Paid	431,605,695	457,085,312	509,572,623	564,446,740	594,361,473	625,662,196	658,367,448	692,671,716	728,222,320	765,095,722	803,662,330
Inpatient											
Charges	848,143,690	899,658,370	1,006,179,725	1,116,761,057	1,176,223,257	1,238,539,669	1,303,661,993	1,371,872,047	1,442,518,369	1,516,003,581	1,593,202,685
Allowed	257,606,677	273,031,531	304,465,013	337,193,112	355,205,577	374,136,862	393,927,354	414,685,677	436,231,010	458,628,551	482,086,806
Paid	252,863,605	267,972,308	298,776,746	330,865,379	348,532,526	367,103,713	386,517,982	406,884,833	428,024,614	450,002,022	473,022,914
Outpatient											
Charges	642,307,805	679,857,133	759,092,585	841,937,066	885,982,386	932,085,918	980,200,780	1,030,722,637	1,083,227,699	1,138,164,314	1,196,095,885
Allowed	200,332,672	212,114,734	236,563,057	262,076,197	275,825,931	290,209,397	305,226,292	320,988,650	337,376,580	354,521,782	372,595,605
Paid	196,060,747	207,586,528	231,541,586	256,542,685	269,998,270	284,071,630	298,765,178	314,189,685	330,229,763	347,015,862	364,716,360
Professional											
Charges	1,566,825,343	1,654,966,686	1,827,987,612	2,009,614,377	2,113,967,313	2,223,590,437	2,337,372,455	2,456,703,366	2,581,245,186	2,711,872,159	2,849,594,638
Allowed	776,137,932	820,047,874	907,107,772	998,528,511	1,050,591,020	1,105,355,297	1,162,138,793	1,221,609,789	1,283,648,468	1,348,580,837	1,416,894,679
Paid	765,589,121	808,946,315	895,150,436	985,659,091	1,037,045,624	1,091,096,397	1,147,134,210	1,205,820,396	1,267,033,286	1,331,096,512	1,398,499,926
Total											
Charges	3,711,358,100	3,927,054,836	4,365,553,957	4,823,974,815	5,077,126,392	5,342,642,549	5,619,327,671	5,909,468,728	6,211,149,060	6,526,163,863	6,857,512,852
Allowed	1,665,730,026	1,762,329,276	1,957,764,052	2,162,306,176	2,276,048,884	2,395,432,054	2,519,731,762	2,650,031,456	2,785,557,890	2,926,910,441	3,075,327,191
Paid	1,646,119,168	1,741,590,464	1,935,041,392	2,137,513,895	2,249,937,894	2,367,933,935	2,490,784,818	2,619,566,630	2,753,509,982	2,893,210,119	3,039,901,530

Appendix G

Medicaid & Medicare Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	228,066,415	245,088,590	262,779,733	279,328,192	296,611,132	314,922,799	334,693,162	355,447,656	377,212,180	400,091,154	423,698,099
Allowed	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Paid	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Inpatient											
Charges	532,646,070	570,428,190	611,519,767	659,510,513	711,245,800	766,399,023	826,123,141	889,582,716	957,721,668	1,030,757,633	1,108,068,667
Allowed	348,259,406	372,934,693	399,530,331	429,987,912	462,758,748	497,585,845	535,422,504	575,592,714	618,869,574	665,449,958	714,750,386
Paid	285,032,017	306,627,292	329,189,877	351,324,176	374,703,149	399,469,938	426,306,055	454,526,773	484,341,402	515,913,885	548,829,249
Outpatient											
Charges	285,561,130	305,776,036	327,694,787	352,585,205	379,191,598	407,509,108	438,075,700	470,453,452	504,801,278	541,259,504	579,846,261
Allowed	197,577,859	211,626,939	226,784,061	243,915,392	262,235,612	281,676,003	302,679,759	324,878,159	348,458,451	373,589,335	400,173,123
Paid	202,617,966	217,332,930	232,903,960	249,693,963	267,623,064	286,552,367	307,083,976	328,677,733	351,766,664	376,497,382	402,520,888
Professional											
Charges	890,137,834	952,819,757	1,019,433,038	1,093,306,773	1,172,795,100	1,256,516,546	1,347,368,320	1,443,545,652	1,548,868,591	1,662,735,633	1,783,005,186
Allowed	531,266,438	568,663,529	608,271,079	651,969,044	698,991,150	748,410,170	802,065,601	858,792,705	921,014,337	988,431,171	1,059,651,948
Paid	529,393,481	566,456,377	605,635,116	648,660,151	694,957,533	743,549,917	796,309,887	852,081,757	913,391,202	979,871,312	1,050,102,666
Total											
Charges	1,936,411,449	2,074,112,573	2,221,427,324	2,384,730,683	2,559,843,629	2,745,347,476	2,946,260,323	3,159,029,475	3,388,603,717	3,634,843,923	3,894,618,213
Allowed	1,262,767,522	1,352,935,472	1,448,831,025	1,553,399,648	1,665,346,059	1,783,682,529	1,911,998,285	2,047,680,486	2,194,125,644	2,351,464,540	2,517,291,314
Paid	1,202,707,283	1,290,126,910	1,381,974,507	1,477,205,591	1,578,644,295	1,685,582,733	1,801,530,339	1,923,703,172	2,055,282,550	2,196,276,655	2,344,168,659

Appendix G

PEIA - Medicare Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	172,042,812	184,495,337	198,212,808	214,842,209	233,006,329	252,363,709	273,246,911	295,602,639	320,249,356	346,814,704	375,005,876
Allowed	110,163,237	118,128,427	126,900,299	137,521,270	149,123,171	161,483,089	174,814,093	189,088,322	204,844,855	221,829,496	239,853,769
Paid	96,699,804	103,716,111	111,439,637	120,774,003	130,969,114	141,827,395	153,533,571	166,063,322	179,892,324	194,790,321	210,598,313
Inpatient											
Charges	209,635,358	224,993,046	241,687,404	261,328,743	282,804,572	305,564,988	330,186,351	356,552,852	386,039,974	417,999,784	451,889,070
Allowed	169,341,346	181,633,926	195,017,849	210,789,838	228,087,440	246,390,323	266,148,368	287,380,163	311,416,143	337,482,218	365,136,414
Paid	157,635,733	169,514,268	182,374,137	197,387,309	213,623,041	230,951,517	249,792,193	269,735,800	291,041,336	314,010,517	338,240,675
Outpatient											
Charges	133,071,458	142,703,213	153,308,847	166,141,379	180,196,982	195,173,297	211,312,723	228,630,966	247,815,571	268,551,468	290,540,666
Allowed	99,374,928	106,529,775	114,415,298	123,984,823	134,476,284	145,646,754	157,676,291	170,596,547	184,959,059	200,489,935	216,964,474
Paid	88,606,737	95,253,815	102,529,339	111,145,690	120,531,551	130,555,449	141,393,187	152,955,709	165,529,175	179,064,960	193,380,687
Professional											
Charges	144,991,012	155,399,482	166,843,211	180,751,935	195,937,503	212,115,826	229,642,401	248,391,243	269,111,806	291,537,767	315,352,019
Allowed	118,609,328	127,076,713	136,379,890	147,653,094	159,982,239	173,099,984	187,303,429	202,532,063	219,513,154	237,912,354	257,455,423
Paid	115,420,218	123,956,284	133,338,450	144,686,585	157,030,951	170,210,522	184,499,525	199,706,598	216,191,002	233,943,814	252,765,021
Total											
Charges	659,740,640	707,591,078	760,052,270	823,064,265	891,945,385	965,217,820	1,044,388,387	1,129,177,700	1,223,216,707	1,324,903,723	1,432,787,632
Allowed	497,488,840	533,368,841	572,713,335	619,949,025	671,669,133	726,620,150	785,942,181	849,597,095	920,733,211	997,714,004	1,079,410,080
Paid	458,362,493	492,440,478	529,681,562	573,993,588	622,154,658	673,544,882	729,218,476	788,461,429	852,653,837	921,809,611	994,984,696

Appendix G

Medicare - Non-Dual Eligible and Non-PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	770,032,166	826,034,046	887,138,224	959,052,822	1,036,826,108	1,119,406,780	1,208,313,788	1,302,883,077	1,406,209,681	1,517,194,181	1,634,971,046
Allowed	417,625,726	447,959,727	481,058,651	519,986,114	562,091,826	606,786,329	654,896,079	706,078,785	762,076,145	822,230,854	886,070,109
Paid	340,879,397	365,695,339	392,753,499	424,465,174	458,739,914	495,103,078	534,222,545	575,814,096	621,291,083	670,121,334	721,941,298
Inpatient											
Charges	968,180,624	1,038,444,796	1,114,318,771	1,201,626,655	1,296,358,011	1,397,304,863	1,506,845,697	1,623,449,095	1,751,953,601	1,890,331,977	2,036,287,053
Allowed	704,775,017	755,304,076	809,946,292	872,863,142	941,371,231	1,014,380,980	1,093,560,072	1,178,132,254	1,272,391,869	1,373,883,288	1,480,865,333
Paid	597,436,400	641,069,530	687,803,120	740,514,012	797,155,613	857,763,570	923,942,322	994,447,880	1,069,140,794	1,148,805,605	1,231,920,107
Outpatient											
Charges	603,660,717	647,480,175	695,431,411	751,799,144	812,760,143	877,301,601	946,663,071	1,020,569,769	1,101,914,582	1,189,690,253	1,283,037,040
Allowed	404,586,612	433,776,267	465,779,768	503,580,600	544,529,016	587,888,438	634,489,177	684,172,809	739,029,834	798,242,181	861,213,295
Paid	333,050,783	357,803,499	384,685,192	415,558,562	448,819,958	484,171,059	522,343,404	562,921,903	606,795,370	653,881,138	703,639,283
Professional											
Charges	647,168,153	693,772,171	744,665,570	805,167,192	870,673,558	940,357,629	1,015,780,709	1,095,988,058	1,183,970,833	1,278,844,476	1,379,626,183
Allowed	474,966,943	509,098,664	546,362,719	590,581,683	638,540,226	689,470,231	744,554,532	803,251,997	868,230,330	938,401,565	1,012,997,546
Paid	430,389,247	462,047,220	496,544,803	537,243,941	581,176,881	628,083,932	678,928,539	732,782,245	790,755,163	852,917,329	918,684,879
Total											
Charges	2,989,041,660	3,205,731,188	3,441,553,976	3,717,645,813	4,016,617,821	4,334,370,873	4,677,603,264	5,042,889,998	5,444,048,698	5,876,060,887	6,333,921,322
Allowed	2,001,954,298	2,146,138,735	2,303,147,430	2,487,011,540	2,686,532,299	2,898,525,977	3,127,499,860	3,371,635,845	3,641,728,177	3,932,757,889	4,241,146,283
Paid	1,701,755,826	1,826,615,588	1,961,786,614	2,117,781,690	2,285,892,367	2,465,121,639	2,659,436,811	2,865,966,125	3,087,982,410	3,325,725,406	3,576,185,567

Appendix G

West Virginia Children's Health Insurance Program Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	16,992,463	18,157,775	19,453,147	20,780,744	22,027,660	23,483,143	25,034,016	26,383,724	27,808,750	29,280,225	30,786,978
Allowed	10,903,360	11,651,126	12,482,317	13,334,205	14,134,368	15,068,354	16,063,584	16,929,653	17,844,074	18,788,281	19,755,007
Paid	8,664,054	9,258,200	9,918,677	10,595,575	11,231,309	11,973,390	12,764,089	13,452,263	14,178,827	14,929,085	15,697,396
Inpatient											
Charges	50,704,170	54,178,120	58,042,991	62,002,136	65,716,226	70,053,169	74,671,330	78,697,006	82,945,227	87,333,810	91,839,106
Allowed	13,950,767	14,906,644	15,970,033	17,059,391	18,081,394	19,274,762	20,545,559	21,653,213	22,822,134	24,029,646	25,269,085
Paid	12,573,758	13,435,250	14,393,673	15,375,482	16,296,537	17,372,048	18,517,309	19,515,614	20,569,115	21,657,416	22,774,616
Outpatient											
Charges	45,190,278	48,290,311	51,735,385	55,266,725	58,584,776	62,457,352	66,584,625	70,174,597	73,965,531	77,879,467	81,883,815
Allowed	14,665,237	15,671,298	16,789,304	17,935,325	19,012,171	20,268,968	21,608,454	22,773,496	24,003,776	25,273,956	26,573,362
Paid	11,207,835	11,976,821	12,831,265	13,707,182	14,530,376	15,491,080	16,515,092	17,405,527	18,345,894	19,316,696	20,309,453
Professional											
Charges	11,610,190	12,407,056	13,292,210	14,199,766	15,053,071	16,048,779	17,110,357	18,032,906	19,007,366	20,013,202	21,040,816
Allowed	7,384,145	7,890,937	8,453,898	9,031,095	9,573,764	10,207,006	10,882,121	11,468,858	12,088,597	12,728,302	13,381,922
Paid	5,934,932	6,342,295	6,794,773	7,258,713	7,694,946	8,203,970	8,746,685	9,218,286	9,716,435	10,230,615	10,755,860
Total											
Charges	124,497,101	133,033,262	142,523,733	152,249,372	161,381,734	172,042,443	183,400,329	193,288,234	203,726,873	214,506,705	225,550,715
Allowed	46,903,509	50,120,006	53,695,552	57,360,016	60,801,698	64,819,089	69,099,717	72,825,220	76,758,581	80,820,186	84,979,377
Paid	38,380,579	41,012,566	43,938,388	46,936,951	49,753,169	53,040,488	56,543,174	59,591,690	62,810,272	66,133,811	69,537,325

Appendix G

Uninsured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	443,989,111	471,912,759	415,721,527	303,626,777	261,154,772	252,300,151	254,813,504	270,935,321	287,902,784	305,683,661	324,316,490
Allowed	443,989,111	471,912,759	415,721,527	303,626,777	261,154,772	252,300,151	254,813,504	270,935,321	287,902,784	305,683,661	324,316,490
Paid	399,682,494	424,930,477	374,429,125	273,511,624	235,274,370	227,316,917	229,604,440	244,152,712	259,464,461	275,513,760	292,332,997
Inpatient											
Charges	1,038,035,603	1,104,238,013	980,000,938	724,185,387	624,144,834	604,508,105	611,902,357	652,037,208	693,911,489	737,857,560	783,486,763
Allowed	1,038,035,603	1,104,238,013	980,000,938	724,185,387	624,144,834	604,508,105	611,902,357	652,037,208	693,911,489	737,857,560	783,486,763
Paid	810,450,008	862,124,188	765,669,988	566,439,334	488,254,785	472,952,446	478,779,521	510,259,273	543,170,114	577,703,205	613,534,600
Outpatient											
Charges	1,214,122,450	1,287,669,131	1,129,685,278	821,027,385	705,108,265	680,269,864	686,166,218	728,739,101	773,615,486	820,592,994	869,794,092
Allowed	1,214,122,450	1,287,669,131	1,129,685,278	821,027,385	705,108,265	680,269,864	686,166,218	728,739,101	773,615,486	820,592,994	869,794,092
Paid	693,641,751	736,007,156	646,088,498	469,885,448	403,729,726	389,687,178	393,256,406	417,857,296	443,801,417	470,954,399	499,373,265
Professional											
Charges	471,325,083	498,226,740	440,717,671	324,908,763	278,344,259	267,925,481	269,601,646	285,657,312	302,544,559	320,248,105	338,785,341
Allowed	471,325,083	498,226,740	440,717,671	324,908,763	278,344,259	267,925,481	269,601,646	285,657,312	302,544,559	320,248,105	338,785,341
Paid	377,037,379	398,529,640	353,011,742	260,784,071	223,398,019	215,026,680	216,361,220	229,234,345	242,779,930	256,983,175	271,855,011
Total											
Charges	3,167,472,246	3,362,046,643	2,966,125,415	2,173,748,312	1,868,752,129	1,805,003,600	1,822,483,725	1,937,368,942	2,057,974,318	2,184,382,320	2,316,382,686
Allowed	3,167,472,246	3,362,046,643	2,966,125,415	2,173,748,312	1,868,752,129	1,805,003,600	1,822,483,725	1,937,368,942	2,057,974,318	2,184,382,320	2,316,382,686
Paid	2,280,811,633	2,421,591,461	2,139,199,353	1,570,620,477	1,350,656,901	1,304,983,221	1,318,001,586	1,401,503,626	1,489,215,922	1,581,154,538	1,677,095,873

Appendix H

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Appendix H

Initiative III - Individual Mandate Medium Cost Policy

Allowed Charges by Insurance Coverage (in \$millions)						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$593.7	\$634.1	\$675.7	\$715.9	\$757.7	\$801.7
WV CHIP	46.9	50.1	53.7	57.4	60.8	64.8
Medicaid Non-Duals	1,665.7	1,762.3	1,957.8	2,162.3	2,276.0	2,395.4
Commercially Insured	3,890.5	4,145.6	4,515.3	5,037.7	5,521.8	5,929.4
Uninsured	3,167.5	3,362.0	2,942.6	2,111.3	1,785.9	1,710.1
PEIA Medicare	497.5	533.4	572.7	619.9	671.7	726.6
Medicare- & Medicaid Duals	1,262.8	1,352.9	1,448.8	1,553.4	1,665.3	1,783.7
<u>Medicare Non-Medicaid/PEIA</u>	<u>2,002.0</u>	<u>2,146.1</u>	<u>2,303.1</u>	<u>2,487.0</u>	<u>2,686.5</u>	<u>2,898.5</u>
West Virginia	\$13,126.6	\$13,986.7	\$14,469.7	\$14,745.0	\$15,425.8	\$16,310.4
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$847.9	\$895.6	\$943.5	\$993.1	\$1,045.0	
WV CHIP	69.1	72.8	76.8	80.8	85.0	
Medicaid Non-Duals	2,519.7	2,650.0	2,785.6	2,926.9	3,075.3	
Commercially Insured	6,326.0	6,705.8	7,104.6	7,524.5	7,964.7	
Uninsured	1,718.0	1,826.3	1,940.0	2,059.2	2,183.6	
PEIA Medicare	785.9	849.6	920.7	997.7	1,079.4	
Medicare- & Medicaid Duals	1,912.0	2,047.7	2,194.1	2,351.5	2,517.3	
<u>Medicare Non-Medicaid/PEIA</u>	<u>3,127.5</u>	<u>3,371.6</u>	<u>3,641.7</u>	<u>3,932.8</u>	<u>4,241.1</u>	
West Virginia	\$17,306.3	\$18,419.5	\$19,607.0	\$20,866.5	\$22,191.4	

Savings by Insurance Category						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
WV CHIP	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid Non-Duals	0.0	0.0	-94.9	-199.7	-209.9	-220.6
Commercially Insured	0.0	0.0	-103.8	-353.6	-548.5	-650.4
Uninsured	0.0	0.0	623.6	1,661.0	2,202.0	2,505.9
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	\$0.0	\$0.0	\$425.0	\$1,107.7	\$1,443.6	\$1,634.7
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
WV CHIP	0.0	0.0	0.0	0.0	0.0	
Medicaid Non-Duals	-232.0	-244.0	-256.7	-269.9	-283.7	
Commercially Insured	-724.1	-763.2	-804.7	-848.9	-895.7	
Uninsured	2,739.4	2,886.3	3,041.6	3,205.9	3,378.7	
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
West Virginia	\$1,783.2	\$1,879.0	\$1,980.2	\$2,087.0	\$2,199.4	

Appendix H

2014 West Virginia Health Care Expenditures									
	<u>PEIA Non-Medicare</u>	<u>West Virginia CHIP</u>	<u>Medicaid Non-Duals</u>	<u>Commercially Insured</u>	<u>Uninsured</u>	<u>PEIA Medicare</u>	<u>Medicare and Medicaid Duals</u>	<u>Medicare Non- Medicaid/PEIA</u>	<u>Total Population</u>
Drugs									
Charges	322,388,892	23,483,143	948,426,526	2,375,322,548	239,040,572	252,363,709	314,922,799	1,119,406,780	5,595,354,968
Allowed	207,004,277	15,068,354	625,730,498	1,523,393,318	239,040,572	161,483,089	256,010,511	606,786,329	3,634,516,948
Paid	164,344,537	11,973,390	625,662,196	1,206,384,894	215,370,326	141,827,395	256,010,511	495,103,078	3,116,676,327
Inpatient									
Charges	834,440,248	70,053,169	1,238,539,669	6,233,761,504	572,738,312	305,564,988	766,399,023	1,397,304,863	11,418,801,776
Allowed	229,667,346	19,274,762	374,136,862	1,718,709,970	572,738,312	246,390,323	497,585,845	1,014,380,980	4,672,884,401
Paid	206,810,550	17,372,048	367,103,713	1,535,437,696	448,096,533	230,951,517	399,469,938	857,763,570	4,063,005,565
Outpatient									
Charges	750,148,870	62,457,352	932,085,918	5,546,648,872	644,518,429	195,173,297	407,509,108	877,301,601	9,415,843,446
Allowed	243,940,356	20,268,968	290,209,397	1,802,594,437	644,518,429	145,646,754	281,676,003	587,888,438	4,016,742,781
Paid	187,339,501	15,491,080	284,071,630	1,377,612,358	369,207,253	130,555,449	286,552,367	484,171,059	3,135,000,697
Professional									
Charges	190,136,295	16,048,779	2,223,590,437	1,387,392,273	253,844,715	212,115,826	1,256,516,546	940,357,629	6,480,002,501
Allowed	121,122,874	10,207,006	1,105,355,297	884,703,359	253,844,715	173,099,984	748,410,170	689,470,231	3,986,213,637
Paid	97,410,003	8,203,970	1,091,096,397	707,061,245	203,726,000	170,210,522	743,549,917	628,083,932	3,649,341,985
Total									
Charges	2,097,114,304	172,042,443	5,342,642,549	15,543,125,196	1,710,142,028	965,217,820	2,745,347,476	4,334,370,873	32,910,002,690
Allowed	801,734,853	64,819,089	2,395,432,054	5,929,401,085	1,710,142,028	726,620,150	1,783,682,529	2,898,525,977	16,310,357,766
Paid	655,904,592	53,040,488	2,367,933,935	4,826,496,193	1,236,400,111	673,544,882	1,685,582,733	2,465,121,639	13,964,024,574

Appendix H

Total West Virginia Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	4,075,120,875	4,349,249,390	4,630,323,045	4,928,927,942	5,254,806,417	5,595,354,968	5,956,271,139	6,334,964,365	6,736,163,223	7,159,729,432	7,605,459,883
Allowed	2,748,635,426	2,932,703,703	3,089,957,463	3,236,004,195	3,424,472,772	3,634,516,948	3,861,352,965	4,104,316,699	4,361,551,652	4,632,934,759	4,918,287,105
Paid	2,375,747,930	2,534,754,647	2,667,514,512	2,784,853,964	2,939,908,976	3,116,676,327	3,308,806,880	3,515,925,955	3,735,087,743	3,966,198,492	4,209,107,533
Inpatient											
Charges	8,348,654,938	8,910,200,432	9,452,502,280	10,034,031,659	10,709,876,010	11,418,801,776	12,169,315,534	12,959,312,653	13,801,565,777	14,697,124,119	15,635,919,151
Allowed	3,825,730,605	4,083,407,188	4,197,436,418	4,232,415,720	4,415,881,364	4,672,884,401	4,967,410,946	5,302,497,760	5,661,120,277	6,042,671,564	6,442,681,394
Paid	3,281,893,252	3,505,515,020	3,619,540,267	3,671,918,981	3,839,067,672	4,063,005,565	4,317,138,222	4,602,829,126	4,903,067,060	5,220,861,280	5,552,317,501
Outpatient											
Charges	7,112,563,611	7,573,712,847	7,956,357,515	8,347,235,422	8,867,547,250	9,415,843,446	9,996,962,422	10,608,771,183	11,255,803,443	11,938,229,779	12,656,869,217
Allowed	3,490,625,931	3,716,611,407	3,756,350,436	3,697,869,812	3,819,891,655	4,016,742,781	4,248,727,252	4,518,898,362	4,806,154,312	5,109,758,300	5,429,643,470
Paid	2,565,076,030	2,734,582,479	2,810,199,435	2,839,864,452	2,967,363,734	3,135,000,697	3,324,671,182	3,536,877,717	3,761,753,963	3,999,396,193	4,249,324,488
Professional											
Charges	4,803,643,968	5,103,176,470	5,437,487,241	5,776,739,754	6,112,207,248	6,480,002,501	6,875,424,541	7,298,148,639	7,749,817,648	8,230,083,150	8,736,984,208
Allowed	3,061,562,887	3,254,000,130	3,425,990,222	3,578,675,848	3,765,586,118	3,986,213,637	4,228,768,490	4,493,741,856	4,778,215,448	5,081,113,518	5,400,804,686
Paid	2,771,741,676	2,947,176,626	3,114,968,664	3,269,365,615	3,444,909,012	3,649,341,985	3,873,363,379	4,116,679,756	4,376,216,895	4,652,213,914	4,943,201,541
Total											
Charges	24,339,983,391	25,936,339,139	27,476,670,081	29,086,934,776	30,944,436,924	32,910,002,690	34,997,973,635	37,201,196,840	39,543,350,091	42,025,166,479	44,635,232,458
Allowed	13,126,554,849	13,986,722,427	14,469,734,539	14,744,965,576	15,425,831,910	16,310,357,766	17,306,259,651	18,419,454,677	19,607,041,688	20,866,478,141	22,191,416,655
Paid	10,994,458,887	11,722,028,771	12,212,222,877	12,566,003,011	13,191,249,393	13,964,024,574	14,823,979,662	15,772,312,555	16,776,125,662	17,838,669,879	18,953,951,063

Appendix H

Commercially Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	1,552,235,244	1,656,722,551	1,806,708,282	2,016,705,098	2,211,212,033	2,375,322,548	2,535,620,306	2,688,790,625	2,849,540,165	3,018,556,171	3,196,242,373
Allowed	995,978,981	1,062,913,753	1,158,985,903	1,293,508,605	1,418,174,524	1,523,393,318	1,626,118,758	1,724,340,420	1,827,600,006	1,936,258,261	2,050,501,483
Paid	791,441,804	844,781,919	919,837,971	1,024,768,966	1,123,136,535	1,206,384,894	1,287,776,787	1,365,684,353	1,447,614,683	1,533,865,160	1,624,562,877
Inpatient											
Charges	4,089,388,740	4,363,078,064	4,749,016,066	5,286,849,502	5,793,759,918	6,233,761,504	6,666,938,701	7,089,368,234	7,540,089,530	8,020,264,035	8,522,099,923
Allowed	1,125,269,523	1,200,996,335	1,307,777,458	1,456,750,414	1,597,204,184	1,718,709,970	1,837,657,905	1,953,037,042	2,073,925,295	2,201,868,196	2,335,159,873
Paid	1,014,169,883	1,082,357,921	1,174,071,062	1,302,248,415	1,427,019,287	1,535,437,696	1,641,619,651	1,744,961,471	1,853,575,252	1,968,539,141	2,088,245,726
Outpatient											
Charges	3,631,245,871	3,867,113,623	4,214,943,016	4,711,376,835	5,167,567,853	5,546,648,872	5,914,406,652	6,264,241,877	6,633,125,515	7,021,184,015	7,429,087,884
Allowed	1,178,884,531	1,255,907,619	1,369,317,214	1,530,867,472	1,679,285,772	1,802,594,437	1,922,330,066	2,036,230,831	2,156,174,238	2,282,105,648	2,414,406,088
Paid	901,049,497	960,330,722	1,046,691,806	1,169,441,479	1,282,922,058	1,377,612,358	1,469,754,688	1,557,602,937	1,650,253,511	1,747,551,510	1,849,727,709
Professional											
Charges	927,664,760	982,836,689	1,066,202,236	1,187,240,807	1,297,509,527	1,387,392,273	1,473,528,258	1,555,013,029	1,640,262,029	1,729,663,198	1,823,555,446
Allowed	590,360,429	625,823,275	679,201,878	756,539,601	827,095,909	884,703,359	939,938,880	992,213,618	1,046,928,302	1,104,313,187	1,164,592,200
Paid	474,323,146	502,706,661	544,441,216	605,047,445	661,168,606	707,061,245	751,065,631	792,755,971	836,422,488	882,219,161	930,322,802
Total											
Charges	10,200,534,615	10,869,750,928	11,836,869,600	13,202,172,242	14,470,049,330	15,543,125,196	16,590,493,917	17,597,413,764	18,663,017,239	19,789,667,419	20,970,985,626
Allowed	3,890,493,463	4,145,640,982	4,515,282,454	5,037,666,092	5,521,760,389	5,929,401,085	6,326,045,609	6,705,821,912	7,104,627,841	7,524,545,292	7,964,659,644
Paid	3,180,984,330	3,390,177,223	3,685,042,056	4,101,506,306	4,494,246,486	4,826,496,193	5,150,216,757	5,461,004,732	5,787,865,933	6,132,174,972	6,492,859,112

Appendix H

PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	237,681,401	254,265,685	271,295,685	287,645,681	304,587,046	322,388,892	341,064,152	360,281,969	379,586,483	399,508,794	420,410,767
Allowed	152,658,446	163,292,461	174,215,397	184,707,465	195,579,304	207,004,277	218,984,346	231,311,274	243,702,655	256,494,126	269,915,681
Paid	121,110,862	129,576,976	138,272,135	146,615,995	155,261,015	164,344,537	173,869,616	183,666,599	193,514,523	203,682,817	214,354,409
Inpatient											
Charges	611,920,683	655,181,833	699,549,856	742,556,099	787,280,038	834,440,248	884,063,168	935,131,425	986,164,286	1,038,873,306	1,093,959,137
Allowed	168,492,265	180,361,970	192,541,741	204,374,957	216,684,601	229,667,346	243,324,033	257,357,418	271,331,128	285,769,714	300,839,989
Paid	151,731,848	162,414,264	173,372,965	184,025,055	195,117,919	206,810,550	219,109,148	231,748,013	244,341,574	257,346,233	270,920,388
Outpatient											
Charges	557,403,903	594,823,226	633,350,467	670,670,060	709,399,484	750,148,870	792,887,022	837,013,637	881,685,164	927,948,126	976,444,383
Allowed	181,081,642	193,315,644	205,900,717	218,050,995	230,662,843	243,940,356	257,885,364	272,293,621	286,884,272	301,982,831	317,784,238
Paid	138,840,714	148,291,008	158,010,073	167,377,952	177,098,504	187,339,501	198,102,613	209,220,530	220,473,013	232,111,632	244,283,336
Professional											
Charges	143,921,593	152,747,889	161,871,210	170,876,957	180,260,703	190,136,295	200,475,267	211,192,333	222,150,597	233,526,781	245,445,394
Allowed	91,512,591	97,172,397	103,020,831	108,790,874	114,801,337	121,122,874	127,738,359	134,590,774	141,591,020	148,856,167	156,466,441
Paid	73,654,152	78,191,833	82,882,084	87,511,673	92,335,500	97,410,003	102,720,554	108,220,981	113,844,711	119,683,516	125,799,422
Total											
Charges	1,550,927,579	1,657,018,633	1,766,067,218	1,871,748,796	1,981,527,271	2,097,114,304	2,218,489,609	2,343,619,365	2,469,586,529	2,599,857,008	2,736,259,681
Allowed	593,744,944	634,142,473	675,678,686	715,924,291	757,728,085	801,734,853	847,932,103	895,553,087	943,509,075	993,102,838	1,045,006,349
Paid	485,337,576	518,474,082	552,537,256	585,530,675	619,812,937	655,904,592	693,801,931	732,856,123	772,173,821	812,824,198	855,357,555

Appendix H

Medicaid - Non-Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	654,081,262	692,572,647	772,294,035	855,662,315	900,953,437	948,426,526	998,092,443	1,050,170,678	1,104,157,806	1,160,123,809	1,218,619,644
Allowed	431,652,745	457,135,137	509,628,210	564,508,356	594,426,356	625,730,498	658,439,323	692,747,339	728,301,832	765,179,271	803,750,101
Paid	431,605,695	457,085,312	509,572,623	564,446,740	594,361,473	625,662,196	658,367,448	692,671,716	728,222,320	765,095,722	803,662,330
Inpatient											
Charges	848,143,690	899,658,370	1,006,179,725	1,116,761,057	1,176,223,257	1,238,539,669	1,303,661,993	1,371,872,047	1,442,518,369	1,516,003,581	1,593,202,685
Allowed	257,606,677	273,031,531	304,465,013	337,193,112	355,205,577	374,136,862	393,927,354	414,685,677	436,231,010	458,628,551	482,086,806
Paid	252,863,605	267,972,308	298,776,746	330,865,379	348,532,526	367,103,713	386,517,982	406,884,833	428,024,614	450,002,022	473,022,914
Outpatient											
Charges	642,307,805	679,857,133	759,092,585	841,937,066	885,982,386	932,085,918	980,200,780	1,030,722,637	1,083,227,699	1,138,164,314	1,196,095,885
Allowed	200,332,672	212,114,734	236,563,057	262,076,197	275,825,931	290,209,397	305,226,292	320,988,650	337,376,580	354,521,782	372,595,605
Paid	196,060,747	207,586,528	231,541,586	256,542,685	269,998,270	284,071,630	298,765,178	314,189,685	330,229,763	347,015,862	364,716,360
Professional											
Charges	1,566,825,343	1,654,966,686	1,827,987,612	2,009,614,377	2,113,967,313	2,223,590,437	2,337,372,455	2,456,703,366	2,581,245,186	2,711,872,159	2,849,594,638
Allowed	776,137,932	820,047,874	907,107,772	998,528,511	1,050,591,020	1,105,355,297	1,162,138,793	1,221,609,789	1,283,648,468	1,348,580,837	1,416,894,679
Paid	765,589,121	808,946,315	895,150,436	985,659,091	1,037,045,624	1,091,096,397	1,147,134,210	1,205,820,396	1,267,033,286	1,331,096,512	1,398,499,926
Total											
Charges	3,711,358,100	3,927,054,836	4,365,553,957	4,823,974,815	5,077,126,392	5,342,642,549	5,619,327,671	5,909,468,728	6,211,149,060	6,526,163,863	6,857,512,852
Allowed	1,665,730,026	1,762,329,276	1,957,764,052	2,162,306,176	2,276,048,884	2,395,432,054	2,519,731,762	2,650,031,456	2,785,557,890	2,926,910,441	3,075,327,191
Paid	1,646,119,168	1,741,590,464	1,935,041,392	2,137,513,895	2,249,937,894	2,367,933,935	2,490,784,818	2,619,566,630	2,753,509,982	2,893,210,119	3,039,901,530

Appendix H

Medicaid & Medicare Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	228,066,415	245,088,590	262,779,733	279,328,192	296,611,132	314,922,799	334,693,162	355,447,656	377,212,180	400,091,154	423,698,099
Allowed	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Paid	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Inpatient											
Charges	532,646,070	570,428,190	611,519,767	659,510,513	711,245,800	766,399,023	826,123,141	889,582,716	957,721,668	1,030,757,633	1,108,068,667
Allowed	348,259,406	372,934,693	399,530,331	429,987,912	462,758,748	497,585,845	535,422,504	575,592,714	618,869,574	665,449,958	714,750,386
Paid	285,032,017	306,627,292	329,189,877	351,324,176	374,703,149	399,469,938	426,306,055	454,526,773	484,341,402	515,913,885	548,829,249
Outpatient											
Charges	285,561,130	305,776,036	327,694,787	352,585,205	379,191,598	407,509,108	438,075,700	470,453,452	504,801,278	541,259,504	579,846,261
Allowed	197,577,859	211,626,939	226,784,061	243,915,392	262,235,612	281,676,003	302,679,759	324,878,159	348,458,451	373,589,335	400,173,123
Paid	202,617,966	217,332,930	232,903,960	249,693,963	267,623,064	286,552,367	307,083,976	328,677,733	351,766,664	376,497,382	402,520,888
Professional											
Charges	890,137,834	952,819,757	1,019,433,038	1,093,306,773	1,172,795,100	1,256,516,546	1,347,368,320	1,443,545,652	1,548,868,591	1,662,735,633	1,783,005,186
Allowed	531,266,438	568,663,529	608,271,079	651,969,044	698,991,150	748,410,170	802,065,601	858,792,705	921,014,337	988,431,171	1,059,651,948
Paid	529,393,481	566,456,377	605,635,116	648,660,151	694,957,533	743,549,917	796,309,887	852,081,757	913,391,202	979,871,312	1,050,102,666
Total											
Charges	1,936,411,449	2,074,112,573	2,221,427,324	2,384,730,683	2,559,843,629	2,745,347,476	2,946,260,323	3,159,029,475	3,388,603,717	3,634,843,923	3,894,618,213
Allowed	1,262,767,522	1,352,935,472	1,448,831,025	1,553,399,648	1,665,346,059	1,783,682,529	1,911,998,285	2,047,680,486	2,194,125,644	2,351,464,540	2,517,291,314
Paid	1,202,707,283	1,290,126,910	1,381,974,507	1,477,205,591	1,578,644,295	1,685,582,733	1,801,530,339	1,923,703,172	2,055,282,550	2,196,276,655	2,344,168,659

Appendix H

PEIA - Medicare Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	172,042,812	184,495,337	198,212,808	214,842,209	233,006,329	252,363,709	273,246,911	295,602,639	320,249,356	346,814,704	375,005,876
Allowed	110,163,237	118,128,427	126,900,299	137,521,270	149,123,171	161,483,089	174,814,093	189,088,322	204,844,855	221,829,496	239,853,769
Paid	96,699,804	103,716,111	111,439,637	120,774,003	130,969,114	141,827,395	153,533,571	166,063,322	179,892,324	194,790,321	210,598,313
Inpatient											
Charges	209,635,358	224,993,046	241,687,404	261,328,743	282,804,572	305,564,988	330,186,351	356,552,852	386,039,974	417,999,784	451,889,070
Allowed	169,341,346	181,633,926	195,017,849	210,789,838	228,087,440	246,390,323	266,148,368	287,380,163	311,416,143	337,482,218	365,136,414
Paid	157,635,733	169,514,268	182,374,137	197,387,309	213,623,041	230,951,517	249,792,193	269,735,800	291,041,336	314,010,517	338,240,675
Outpatient											
Charges	133,071,458	142,703,213	153,308,847	166,141,379	180,196,982	195,173,297	211,312,723	228,630,966	247,815,571	268,551,468	290,540,666
Allowed	99,374,928	106,529,775	114,415,298	123,984,823	134,476,284	145,646,754	157,676,291	170,596,547	184,959,059	200,489,935	216,964,474
Paid	88,606,737	95,253,815	102,529,339	111,145,690	120,531,551	130,555,449	141,393,187	152,955,709	165,529,175	179,064,960	193,380,687
Professional											
Charges	144,991,012	155,399,482	166,843,211	180,751,935	195,937,503	212,115,826	229,642,401	248,391,243	269,111,806	291,537,767	315,352,019
Allowed	118,609,328	127,076,713	136,379,890	147,653,094	159,982,239	173,099,984	187,303,429	202,532,063	219,513,154	237,912,354	257,455,423
Paid	115,420,218	123,956,284	133,338,450	144,686,585	157,030,951	170,210,522	184,499,525	199,706,598	216,191,002	233,943,814	252,765,021
Total											
Charges	659,740,640	707,591,078	760,052,270	823,064,265	891,945,385	965,217,820	1,044,388,387	1,129,177,700	1,223,216,707	1,324,903,723	1,432,787,632
Allowed	497,488,840	533,368,841	572,713,335	619,949,025	671,669,133	726,620,150	785,942,181	849,597,095	920,733,211	997,714,004	1,079,410,080
Paid	458,362,493	492,440,478	529,681,562	573,993,588	622,154,658	673,544,882	729,218,476	788,461,429	852,653,837	921,809,611	994,984,696

Appendix H

Medicare - Non-Dual Eligible and Non-PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	770,032,166	826,034,046	887,138,224	959,052,822	1,036,826,108	1,119,406,780	1,208,313,788	1,302,883,077	1,406,209,681	1,517,194,181	1,634,971,046
Allowed	417,625,726	447,959,727	481,058,651	519,986,114	562,091,826	606,786,329	654,896,079	706,078,785	762,076,145	822,230,854	886,070,109
Paid	340,879,397	365,695,339	392,753,499	424,465,174	458,739,914	495,103,078	534,222,545	575,814,096	621,291,083	670,121,334	721,941,298
Inpatient											
Charges	968,180,624	1,038,444,796	1,114,318,771	1,201,626,655	1,296,358,011	1,397,304,863	1,506,845,697	1,623,449,095	1,751,953,601	1,890,331,977	2,036,287,053
Allowed	704,775,017	755,304,076	809,946,292	872,863,142	941,371,231	1,014,380,980	1,093,560,072	1,178,132,254	1,272,391,869	1,373,883,288	1,480,865,333
Paid	597,436,400	641,069,530	687,803,120	740,514,012	797,155,613	857,763,570	923,942,322	994,447,880	1,069,140,794	1,148,805,605	1,231,920,107
Outpatient											
Charges	603,660,717	647,480,175	695,431,411	751,799,144	812,760,143	877,301,601	946,663,071	1,020,569,769	1,101,914,582	1,189,690,253	1,283,037,040
Allowed	404,586,612	433,776,267	465,779,768	503,580,600	544,529,016	587,888,438	634,489,177	684,172,809	739,029,834	798,242,181	861,213,295
Paid	333,050,783	357,803,499	384,685,192	415,558,562	448,819,958	484,171,059	522,343,404	562,921,903	606,795,370	653,881,138	703,639,283
Professional											
Charges	647,168,153	693,772,171	744,665,570	805,167,192	870,673,558	940,357,629	1,015,780,709	1,095,988,058	1,183,970,833	1,278,844,476	1,379,626,183
Allowed	474,966,943	509,098,664	546,362,719	590,581,683	638,540,226	689,470,231	744,554,532	803,251,997	868,230,330	938,401,565	1,012,997,546
Paid	430,389,247	462,047,220	496,544,803	537,243,941	581,176,881	628,083,932	678,928,539	732,782,245	790,755,163	852,917,329	918,684,879
Total											
Charges	2,989,041,660	3,205,731,188	3,441,553,976	3,717,645,813	4,016,617,821	4,334,370,873	4,677,603,264	5,042,889,998	5,444,048,698	5,876,060,887	6,333,921,322
Allowed	2,001,954,298	2,146,138,735	2,303,147,430	2,487,011,540	2,686,532,299	2,898,525,977	3,127,499,860	3,371,635,845	3,641,728,177	3,932,757,889	4,241,146,283
Paid	1,701,755,826	1,826,615,588	1,961,786,614	2,117,781,690	2,285,892,367	2,465,121,639	2,659,436,811	2,865,966,125	3,087,982,410	3,325,725,406	3,576,185,567

Appendix H

West Virginia Children's Health Insurance Program Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	16,992,463	18,157,775	19,453,147	20,780,744	22,027,660	23,483,143	25,034,016	26,383,724	27,808,750	29,280,225	30,786,978
Allowed	10,903,360	11,651,126	12,482,317	13,334,205	14,134,368	15,068,354	16,063,584	16,929,653	17,844,074	18,788,281	19,755,007
Paid	8,664,054	9,258,200	9,918,677	10,595,575	11,231,309	11,973,390	12,764,089	13,452,263	14,178,827	14,929,085	15,697,396
Inpatient											
Charges	50,704,170	54,178,120	58,042,991	62,002,136	65,716,226	70,053,169	74,671,330	78,697,006	82,945,227	87,333,810	91,839,106
Allowed	13,950,767	14,906,644	15,970,033	17,059,391	18,081,394	19,274,762	20,545,559	21,653,213	22,822,134	24,029,646	25,269,085
Paid	12,573,758	13,435,250	14,393,673	15,375,482	16,296,537	17,372,048	18,517,309	19,515,614	20,569,115	21,657,416	22,774,616
Outpatient											
Charges	45,190,278	48,290,311	51,735,385	55,266,725	58,584,776	62,457,352	66,584,625	70,174,597	73,965,531	77,879,467	81,883,815
Allowed	14,665,237	15,671,298	16,789,304	17,935,325	19,012,171	20,268,968	21,608,454	22,773,496	24,003,776	25,273,956	26,573,362
Paid	11,207,835	11,976,821	12,831,265	13,707,182	14,530,376	15,491,080	16,515,092	17,405,527	18,345,894	19,316,696	20,309,453
Professional											
Charges	11,610,190	12,407,056	13,292,210	14,199,766	15,053,071	16,048,779	17,110,357	18,032,906	19,007,366	20,013,202	21,040,816
Allowed	7,384,145	7,890,937	8,453,898	9,031,095	9,573,764	10,207,006	10,882,121	11,468,858	12,088,597	12,728,302	13,381,922
Paid	5,934,932	6,342,295	6,794,773	7,258,713	7,694,946	8,203,970	8,746,685	9,218,286	9,716,435	10,230,615	10,755,860
Total											
Charges	124,497,101	133,033,262	142,523,733	152,249,372	161,381,734	172,042,443	183,400,329	193,288,234	203,726,873	214,506,705	225,550,715
Allowed	46,903,509	50,120,006	53,695,552	57,360,016	60,801,698	64,819,089	69,099,717	72,825,220	76,758,581	80,820,186	84,979,377
Paid	38,380,579	41,012,566	43,938,388	46,936,951	49,753,169	53,040,488	56,543,174	59,591,690	62,810,272	66,133,811	69,537,325

Appendix H

Uninsured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	443,989,111	471,912,759	412,441,132	294,910,880	249,582,674	239,040,572	240,206,361	255,403,997	271,398,803	288,160,394	305,725,099
Allowed	443,989,111	471,912,759	412,441,132	294,910,880	249,582,674	239,040,572	240,206,361	255,403,997	271,398,803	288,160,394	305,725,099
Paid	399,682,494	424,930,477	371,474,416	265,660,212	224,849,066	215,370,326	216,442,402	230,156,697	244,590,702	259,719,977	275,575,054
Inpatient											
Charges	1,038,035,603	1,104,238,013	972,187,702	703,396,954	596,488,188	572,738,312	576,825,151	614,659,279	654,133,124	695,559,992	738,573,509
Allowed	1,038,035,603	1,104,238,013	972,187,702	703,396,954	596,488,188	572,738,312	576,825,151	614,659,279	654,133,124	695,559,992	738,573,509
Paid	810,450,008	862,124,188	759,558,687	550,179,152	466,619,599	448,096,533	451,333,561	481,008,742	512,032,974	544,586,461	578,363,827
Outpatient											
Charges	1,214,122,450	1,287,669,131	1,120,801,017	797,459,009	673,864,027	644,518,429	646,831,849	686,964,248	729,268,102	773,552,631	819,933,284
Allowed	1,214,122,450	1,287,669,131	1,120,801,017	797,459,009	673,864,027	644,518,429	646,831,849	686,964,248	729,268,102	773,552,631	819,933,284
Paid	693,641,751	736,007,156	641,006,213	456,396,937	385,839,953	369,207,253	370,713,045	393,903,693	418,360,572	443,957,013	470,746,773
Professional											
Charges	471,325,083	498,226,740	437,192,155	315,581,947	266,010,473	253,844,715	254,146,775	269,282,052	285,201,241	301,889,934	319,364,525
Allowed	471,325,083	498,226,740	437,192,155	315,581,947	266,010,473	253,844,715	254,146,775	269,282,052	285,201,241	301,889,934	319,364,525
Paid	377,037,379	398,529,640	350,181,786	253,298,015	213,498,971	203,726,000	203,958,347	216,093,522	228,862,609	242,251,655	256,270,966
Total											
Charges	3,167,472,246	3,362,046,643	2,942,622,005	2,111,348,790	1,785,945,363	1,710,142,028	1,718,010,136	1,826,309,576	1,940,001,268	2,059,162,951	2,183,596,417
Allowed	3,167,472,246	3,362,046,643	2,942,622,005	2,111,348,790	1,785,945,363	1,710,142,028	1,718,010,136	1,826,309,576	1,940,001,268	2,059,162,951	2,183,596,417
Paid	2,280,811,633	2,421,591,461	2,122,221,102	1,525,534,316	1,290,807,589	1,236,400,111	1,242,447,355	1,321,162,654	1,403,846,857	1,490,515,106	1,580,956,619

Appendix I

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Appendix I

Initiative III - Individual Mandate Low Cost Policy

Allowed Charges by Insurance Coverage (in \$millions)						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$593.7	\$634.1	\$675.7	\$715.9	\$757.7	\$801.7
WV CHIP	46.9	50.1	53.7	57.4	60.8	64.8
Medicaid Non-Duals	1,665.7	1,762.3	1,957.8	2,162.3	2,276.0	2,395.4
Commercially Insured	3,890.5	4,145.6	4,524.4	5,061.9	5,553.9	5,966.3
Uninsured	3,167.5	3,362.0	2,919.1	2,048.9	1,703.1	1,615.3
PEIA Medicare	497.5	533.4	572.7	619.9	671.7	726.6
Medicare- & Medicaid Duals	1,262.8	1,352.9	1,448.8	1,553.4	1,665.3	1,783.7
<u>Medicare Non-Medicaid/PEIA</u>	<u>2,002.0</u>	<u>2,146.1</u>	<u>2,303.1</u>	<u>2,487.0</u>	<u>2,686.5</u>	<u>2,898.5</u>
West Virginia	\$13,126.6	\$13,986.7	\$14,455.4	\$14,706.8	\$15,375.2	\$16,252.4
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$847.9	\$895.6	\$943.5	\$993.1	\$1,045.0	
WV CHIP	69.1	72.8	76.8	80.8	85.0	
Medicaid Non-Duals	2,519.7	2,650.0	2,785.6	2,926.9	3,075.3	
Commercially Insured	6,366.6	6,749.0	7,150.5	7,573.2	8,016.2	
Uninsured	1,613.5	1,715.3	1,822.0	1,933.9	2,050.8	
PEIA Medicare	785.9	849.6	920.7	997.7	1,079.4	
Medicare- & Medicaid Duals	1,912.0	2,047.7	2,194.1	2,351.5	2,517.3	
<u>Medicare Non-Medicaid/PEIA</u>	<u>3,127.5</u>	<u>3,371.6</u>	<u>3,641.7</u>	<u>3,932.8</u>	<u>4,241.1</u>	
West Virginia	\$17,242.4	\$18,351.6	\$19,534.9	\$20,789.9	\$22,110.2	

Savings by Insurance Category						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
WV CHIP	0.0	0.0	0.0	0.0	0.0	0.0
Medicaid Non-Duals	0.0	0.0	-94.9	-199.7	-209.9	-220.6
Commercially Insured	0.0	0.0	-112.9	-377.8	-580.6	-687.3
Uninsured	0.0	0.0	647.1	1,723.4	2,284.8	2,600.7
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	0.0
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	0.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
West Virginia	\$0.0	\$0.0	\$439.3	\$1,145.9	\$1,494.2	\$1,692.7
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
WV CHIP	0.0	0.0	0.0	0.0	0.0	
Medicaid Non-Duals	-232.0	-244.0	-256.7	-269.9	-283.7	
Commercially Insured	-764.7	-806.4	-850.6	-897.6	-947.2	
Uninsured	2,843.9	2,997.3	3,159.6	3,331.2	3,511.5	
PEIA Medicare	0.0	0.0	0.0	0.0	0.0	
Medicare- & Medicaid Duals	0.0	0.0	0.0	0.0	0.0	
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
West Virginia	\$1,847.1	\$1,946.9	\$2,052.3	\$2,163.6	\$2,280.6	

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2014 West Virginia Health Care Expenditures									
	<u>PEIA Non-Medicare</u>	<u>West Virginia CHIP</u>	<u>Medicaid Non-Duals</u>	<u>Commercially Insured</u>	<u>Uninsured</u>	<u>PEIA Medicare</u>	<u>Medicare and Medicaid Duals</u>	<u>Medicare Non- Medicaid/PEIA</u>	<u>Total Population</u>
Drugs									
Charges	322,388,892	23,483,143	948,426,526	2,389,969,957	225,780,992	252,363,709	314,922,799	1,119,406,780	5,596,742,798
Allowed	207,004,277	15,068,354	625,730,498	1,532,766,817	225,780,992	161,483,089	256,010,511	606,786,329	3,630,630,867
Paid	164,344,537	11,973,390	625,662,196	1,209,790,572	203,423,735	141,827,395	256,010,511	495,103,078	3,108,135,414
Inpatient									
Charges	834,440,248	70,053,169	1,238,539,669	6,269,660,560	540,968,520	305,564,988	766,399,023	1,397,304,863	11,422,931,040
Allowed	229,667,346	19,274,762	374,136,862	1,728,647,923	540,968,520	246,390,323	497,585,845	1,014,380,980	4,651,052,561
Paid	206,810,550	17,372,048	367,103,713	1,539,434,039	423,240,620	230,951,517	399,469,938	857,763,570	4,042,145,995
Outpatient									
Charges	750,148,870	62,457,352	932,085,918	5,582,748,141	608,766,994	195,173,297	407,509,108	877,301,601	9,416,191,280
Allowed	243,940,356	20,268,968	290,209,397	1,814,338,748	608,766,994	145,646,754	281,676,003	587,888,438	3,992,735,657
Paid	187,339,501	15,491,080	284,071,630	1,381,702,721	348,727,328	130,555,449	286,552,367	484,171,059	3,118,611,135
Professional									
Charges	190,136,295	16,048,779	2,223,590,437	1,396,539,077	239,763,950	212,115,826	1,256,516,546	940,357,629	6,475,068,539
Allowed	121,122,874	10,207,006	1,105,355,297	890,513,672	239,763,950	173,099,984	748,410,170	689,470,231	3,977,943,184
Paid	97,410,003	8,203,970	1,091,096,397	709,192,516	192,425,319	170,210,522	743,549,917	628,083,932	3,640,172,576
Total									
Charges	2,097,114,304	172,042,443	5,342,642,549	15,638,917,735	1,615,280,457	965,217,820	2,745,347,476	4,334,370,873	32,910,933,657
Allowed	801,734,853	64,819,089	2,395,432,054	5,966,267,159	1,615,280,457	726,620,150	1,783,682,529	2,898,525,977	16,252,362,269
Paid	655,904,592	53,040,488	2,367,933,935	4,840,119,848	1,167,817,002	673,544,882	1,685,582,733	2,465,121,639	13,909,065,120

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Total West Virginia Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	4,075,120,875	4,349,249,390	4,630,666,258	4,929,839,973	5,256,017,360	5,596,742,798	5,957,800,890	6,336,592,010	6,737,891,624	7,161,561,885	7,607,400,862
Allowed	2,748,635,426	2,932,703,703	3,088,995,742	3,233,449,059	3,421,080,680	3,630,630,867	3,857,072,730	4,099,766,707	4,356,716,976	4,627,801,179	4,912,839,951
Paid	2,375,747,930	2,534,754,647	2,665,129,069	2,778,860,905	2,932,328,448	3,108,135,414	3,299,484,542	3,506,044,033	3,724,614,104	3,955,101,684	4,197,355,389
Inpatient											
Charges	8,348,654,938	8,910,200,432	9,453,525,185	10,036,743,446	10,713,474,095	11,422,931,040	12,173,880,538	12,964,197,224	13,806,824,345	14,702,782,024	15,641,999,353
Allowed	3,825,730,605	4,083,407,188	4,192,067,573	4,218,130,684	4,396,876,207	4,651,052,561	4,943,306,572	5,276,813,159	5,633,785,913	6,013,604,879	6,411,815,968
Paid	3,281,893,252	3,505,515,020	3,614,029,097	3,657,743,642	3,820,736,672	4,042,145,995	4,294,221,882	4,578,441,988	4,877,139,744	5,193,315,069	5,523,089,419
Outpatient											
Charges	7,112,563,611	7,573,712,847	7,956,446,695	8,347,468,573	8,867,853,192	9,416,191,280	9,997,340,013	10,609,166,816	11,256,219,124	11,938,669,536	12,657,335,560
Allowed	3,490,625,931	3,716,611,407	3,750,384,603	3,682,043,429	3,798,910,892	3,992,735,657	4,222,314,556	4,490,847,365	4,776,375,805	5,078,171,158	5,396,161,882
Paid	2,565,076,030	2,734,582,479	2,805,833,663	2,828,653,071	2,952,905,760	3,118,611,135	3,306,729,113	3,517,851,023	3,741,579,962	3,978,018,114	4,226,683,572
Professional											
Charges	4,803,643,968	5,103,176,470	5,436,254,299	5,773,475,381	6,107,887,427	6,475,068,539	6,870,006,979	7,292,406,614	7,743,733,641	8,223,640,278	8,730,165,067
Allowed	3,061,562,887	3,254,000,130	3,423,919,385	3,573,197,386	3,758,341,501	3,977,943,184	4,219,691,331	4,484,124,590	4,768,029,863	5,070,332,060	5,389,399,081
Paid	2,771,741,676	2,947,176,626	3,112,495,852	3,263,047,815	3,436,796,046	3,640,172,576	3,863,354,531	4,106,093,749	4,365,021,741	4,640,378,218	4,930,693,677
Total											
Charges	24,339,983,391	25,936,339,139	27,476,892,437	29,087,527,374	30,945,232,073	32,910,933,657	34,999,028,419	37,202,362,664	39,544,668,734	42,026,653,723	44,636,900,842
Allowed	13,126,554,849	13,986,722,427	14,455,367,304	14,706,820,557	15,375,209,280	16,252,362,269	17,242,385,187	18,351,551,821	19,534,908,557	20,789,909,276	22,110,216,881
Paid	10,994,458,887	11,722,028,771	12,197,487,681	12,528,305,433	13,142,766,925	13,909,065,120	14,763,790,069	15,708,430,793	16,708,355,551	17,766,813,086	18,877,822,057

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Commercially Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	1,552,235,244	1,656,722,551	1,810,331,889	2,026,333,026	2,223,995,073	2,389,969,957	2,551,757,201	2,705,949,595	2,867,772,547	3,037,911,891	3,216,774,744
Allowed	995,978,981	1,062,913,753	1,161,304,578	1,299,669,365	1,426,354,530	1,532,766,817	1,636,445,667	1,735,321,753	1,839,269,312	1,948,647,948	2,063,645,719
Paid	791,441,804	844,781,919	920,407,237	1,026,627,319	1,125,981,312	1,209,790,572	1,291,616,487	1,369,798,446	1,452,014,803	1,538,562,135	1,629,568,675
Inpatient											
Charges	4,089,388,740	4,363,078,064	4,757,852,207	5,310,349,723	5,825,014,649	6,269,660,560	6,706,580,910	7,131,630,735	7,585,126,464	8,068,219,508	8,573,093,379
Allowed	1,125,269,523	1,200,996,335	1,310,221,850	1,463,253,812	1,605,855,672	1,728,647,923	1,848,630,736	1,964,730,371	2,086,369,296	2,215,099,078	2,349,207,701
Paid	1,014,169,883	1,082,357,921	1,174,671,194	1,304,333,259	1,430,323,473	1,539,434,039	1,646,149,271	1,749,824,864	1,858,785,076	1,974,109,674	2,094,188,416
Outpatient											
Charges	3,631,245,871	3,867,113,623	4,223,916,458	4,735,178,362	5,199,118,031	5,582,748,141	5,954,118,612	6,306,412,362	6,677,888,581	7,068,664,135	7,479,415,035
Allowed	1,178,884,531	1,255,907,619	1,372,235,643	1,538,609,463	1,689,549,246	1,814,338,748	1,935,251,739	2,049,954,687	2,170,743,115	2,297,558,868	2,430,785,308
Paid	901,049,497	960,330,722	1,047,408,320	1,171,718,610	1,286,353,857	1,381,702,721	1,474,355,980	1,562,529,845	1,655,520,356	1,753,170,817	1,855,713,286
Professional											
Charges	927,664,760	982,836,689	1,068,494,811	1,193,303,251	1,305,523,491	1,396,539,077	1,483,565,567	1,565,646,263	1,651,521,341	1,741,578,498	1,836,157,121
Allowed	590,360,429	625,823,275	680,656,558	760,387,955	832,185,077	890,513,672	946,316,592	998,971,612	1,054,086,036	1,111,889,902	1,172,607,411
Paid	474,323,146	502,706,661	544,798,360	606,215,701	662,954,688	709,192,516	753,459,656	795,310,787	839,144,654	885,114,985	933,398,983
Total											
Charges	10,200,534,615	10,869,750,928	11,860,595,365	13,265,164,362	14,553,651,245	15,638,917,735	16,696,022,290	17,709,638,955	18,782,308,932	19,916,374,032	21,105,440,278
Allowed	3,890,493,463	4,145,640,982	4,524,418,629	5,061,920,595	5,553,944,525	5,966,267,159	6,366,644,734	6,748,978,423	7,150,467,760	7,573,195,796	8,016,246,139
Paid	3,180,984,330	3,390,177,223	3,687,285,111	4,108,894,889	4,505,613,330	4,840,119,848	5,165,581,395	5,477,463,942	5,805,464,888	6,150,957,611	6,512,869,361

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PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	237,681,401	254,265,685	271,295,685	287,645,681	304,587,046	322,388,892	341,064,152	360,281,969	379,586,483	399,508,794	420,410,767
Allowed	152,658,446	163,292,461	174,215,397	184,707,465	195,579,304	207,004,277	218,984,346	231,311,274	243,702,655	256,494,126	269,915,681
Paid	121,110,862	129,576,976	138,272,135	146,615,995	155,261,015	164,344,537	173,869,616	183,666,599	193,514,523	203,682,817	214,354,409
Inpatient											
Charges	611,920,683	655,181,833	699,549,856	742,556,099	787,280,038	834,440,248	884,063,168	935,131,425	986,164,286	1,038,873,306	1,093,959,137
Allowed	168,492,265	180,361,970	192,541,741	204,374,957	216,684,601	229,667,346	243,324,033	257,357,418	271,331,128	285,769,714	300,839,989
Paid	151,731,848	162,414,264	173,372,965	184,025,055	195,117,919	206,810,550	219,109,148	231,748,013	244,341,574	257,346,233	270,920,388
Outpatient											
Charges	557,403,903	594,823,226	633,350,467	670,670,060	709,399,484	750,148,870	792,887,022	837,013,637	881,685,164	927,948,126	976,444,383
Allowed	181,081,642	193,315,644	205,900,717	218,050,995	230,662,843	243,940,356	257,885,364	272,293,621	286,884,272	301,982,831	317,784,238
Paid	138,840,714	148,291,008	158,010,073	167,377,952	177,098,504	187,339,501	198,102,613	209,220,530	220,473,013	232,111,632	244,283,336
Professional											
Charges	143,921,593	152,747,889	161,871,210	170,876,957	180,260,703	190,136,295	200,475,267	211,192,333	222,150,597	233,526,781	245,445,394
Allowed	91,512,591	97,172,397	103,020,831	108,790,874	114,801,337	121,122,874	127,738,359	134,590,774	141,591,020	148,856,167	156,466,441
Paid	73,654,152	78,191,833	82,882,084	87,511,673	92,335,500	97,410,003	102,720,554	108,220,981	113,844,711	119,683,516	125,799,422
Total											
Charges	1,550,927,579	1,657,018,633	1,766,067,218	1,871,748,796	1,981,527,271	2,097,114,304	2,218,489,609	2,343,619,365	2,469,586,529	2,599,857,008	2,736,259,681
Allowed	593,744,944	634,142,473	675,678,686	715,924,291	757,728,085	801,734,853	847,932,103	895,553,087	943,509,075	993,102,838	1,045,006,349
Paid	485,337,576	518,474,082	552,537,256	585,530,675	619,812,937	655,904,592	693,801,931	732,856,123	772,173,821	812,824,198	855,357,555

Appendix I

Medicaid - Non-Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	654,081,262	692,572,647	772,294,035	855,662,315	900,953,437	948,426,526	998,092,443	1,050,170,678	1,104,157,806	1,160,123,809	1,218,619,644
Allowed	431,652,745	457,135,137	509,628,210	564,508,356	594,426,356	625,730,498	658,439,323	692,747,339	728,301,832	765,179,271	803,750,101
Paid	431,605,695	457,085,312	509,572,623	564,446,740	594,361,473	625,662,196	658,367,448	692,671,716	728,222,320	765,095,722	803,662,330
Inpatient											
Charges	848,143,690	899,658,370	1,006,179,725	1,116,761,057	1,176,223,257	1,238,539,669	1,303,661,993	1,371,872,047	1,442,518,369	1,516,003,581	1,593,202,685
Allowed	257,606,677	273,031,531	304,465,013	337,193,112	355,205,577	374,136,862	393,927,354	414,685,677	436,231,010	458,628,551	482,086,806
Paid	252,863,605	267,972,308	298,776,746	330,865,379	348,532,526	367,103,713	386,517,982	406,884,833	428,024,614	450,002,022	473,022,914
Outpatient											
Charges	642,307,805	679,857,133	759,092,585	841,937,066	885,982,386	932,085,918	980,200,780	1,030,722,637	1,083,227,699	1,138,164,314	1,196,095,885
Allowed	200,332,672	212,114,734	236,563,057	262,076,197	275,825,931	290,209,397	305,226,292	320,988,650	337,376,580	354,521,782	372,595,605
Paid	196,060,747	207,586,528	231,541,586	256,542,685	269,998,270	284,071,630	298,765,178	314,189,685	330,229,763	347,015,862	364,716,360
Professional											
Charges	1,566,825,343	1,654,966,686	1,827,987,612	2,009,614,377	2,113,967,313	2,223,590,437	2,337,372,455	2,456,703,366	2,581,245,186	2,711,872,159	2,849,594,638
Allowed	776,137,932	820,047,874	907,107,772	998,528,511	1,050,591,020	1,105,355,297	1,162,138,793	1,221,609,789	1,283,648,468	1,348,580,837	1,416,894,679
Paid	765,589,121	808,946,315	895,150,436	985,659,091	1,037,045,624	1,091,096,397	1,147,134,210	1,205,820,396	1,267,033,286	1,331,096,512	1,398,499,926
Total											
Charges	3,711,358,100	3,927,054,836	4,365,553,957	4,823,974,815	5,077,126,392	5,342,642,549	5,619,327,671	5,909,468,728	6,211,149,060	6,526,163,863	6,857,512,852
Allowed	1,665,730,026	1,762,329,276	1,957,764,052	2,162,306,176	2,276,048,884	2,395,432,054	2,519,731,762	2,650,031,456	2,785,557,890	2,926,910,441	3,075,327,191
Paid	1,646,119,168	1,741,590,464	1,935,041,392	2,137,513,895	2,249,937,894	2,367,933,935	2,490,784,818	2,619,566,630	2,753,509,982	2,893,210,119	3,039,901,530

Appendix I

Medicaid & Medicare Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	228,066,415	245,088,590	262,779,733	279,328,192	296,611,132	314,922,799	334,693,162	355,447,656	377,212,180	400,091,154	423,698,099
Allowed	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Paid	185,663,819	199,710,311	214,245,554	227,527,300	241,360,549	256,010,511	271,830,422	288,416,909	305,783,283	323,994,076	342,715,857
Inpatient											
Charges	532,646,070	570,428,190	611,519,767	659,510,513	711,245,800	766,399,023	826,123,141	889,582,716	957,721,668	1,030,757,633	1,108,068,667
Allowed	348,259,406	372,934,693	399,530,331	429,987,912	462,758,748	497,585,845	535,422,504	575,592,714	618,869,574	665,449,958	714,750,386
Paid	285,032,017	306,627,292	329,189,877	351,324,176	374,703,149	399,469,938	426,306,055	454,526,773	484,341,402	515,913,885	548,829,249
Outpatient											
Charges	285,561,130	305,776,036	327,694,787	352,585,205	379,191,598	407,509,108	438,075,700	470,453,452	504,801,278	541,259,504	579,846,261
Allowed	197,577,859	211,626,939	226,784,061	243,915,392	262,235,612	281,676,003	302,679,759	324,878,159	348,458,451	373,589,335	400,173,123
Paid	202,617,966	217,332,930	232,903,960	249,693,963	267,623,064	286,552,367	307,083,976	328,677,733	351,766,664	376,497,382	402,520,888
Professional											
Charges	890,137,834	952,819,757	1,019,433,038	1,093,306,773	1,172,795,100	1,256,516,546	1,347,368,320	1,443,545,652	1,548,868,591	1,662,735,633	1,783,005,186
Allowed	531,266,438	568,663,529	608,271,079	651,969,044	698,991,150	748,410,170	802,065,601	858,792,705	921,014,337	988,431,171	1,059,651,948
Paid	529,393,481	566,456,377	605,635,116	648,660,151	694,957,533	743,549,917	796,309,887	852,081,757	913,391,202	979,871,312	1,050,102,666
Total											
Charges	1,936,411,449	2,074,112,573	2,221,427,324	2,384,730,683	2,559,843,629	2,745,347,476	2,946,260,323	3,159,029,475	3,388,603,717	3,634,843,923	3,894,618,213
Allowed	1,262,767,522	1,352,935,472	1,448,831,025	1,553,399,648	1,665,346,059	1,783,682,529	1,911,998,285	2,047,680,486	2,194,125,644	2,351,464,540	2,517,291,314
Paid	1,202,707,283	1,290,126,910	1,381,974,507	1,477,205,591	1,578,644,295	1,685,582,733	1,801,530,339	1,923,703,172	2,055,282,550	2,196,276,655	2,344,168,659

Appendix I

PEIA - Medicare Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	172,042,812	184,495,337	198,212,808	214,842,209	233,006,329	252,363,709	273,246,911	295,602,639	320,249,356	346,814,704	375,005,876
Allowed	110,163,237	118,128,427	126,900,299	137,521,270	149,123,171	161,483,089	174,814,093	189,088,322	204,844,855	221,829,496	239,853,769
Paid	96,699,804	103,716,111	111,439,637	120,774,003	130,969,114	141,827,395	153,533,571	166,063,322	179,892,324	194,790,321	210,598,313
Inpatient											
Charges	209,635,358	224,993,046	241,687,404	261,328,743	282,804,572	305,564,988	330,186,351	356,552,852	386,039,974	417,999,784	451,889,070
Allowed	169,341,346	181,633,926	195,017,849	210,789,838	228,087,440	246,390,323	266,148,368	287,380,163	311,416,143	337,482,218	365,136,414
Paid	157,635,733	169,514,268	182,374,137	197,387,309	213,623,041	230,951,517	249,792,193	269,735,800	291,041,336	314,010,517	338,240,675
Outpatient											
Charges	133,071,458	142,703,213	153,308,847	166,141,379	180,196,982	195,173,297	211,312,723	228,630,966	247,815,571	268,551,468	290,540,666
Allowed	99,374,928	106,529,775	114,415,298	123,984,823	134,476,284	145,646,754	157,676,291	170,596,547	184,959,059	200,489,935	216,964,474
Paid	88,606,737	95,253,815	102,529,339	111,145,690	120,531,551	130,555,449	141,393,187	152,955,709	165,529,175	179,064,960	193,380,687
Professional											
Charges	144,991,012	155,399,482	166,843,211	180,751,935	195,937,503	212,115,826	229,642,401	248,391,243	269,111,806	291,537,767	315,352,019
Allowed	118,609,328	127,076,713	136,379,890	147,653,094	159,982,239	173,099,984	187,303,429	202,532,063	219,513,154	237,912,354	257,455,423
Paid	115,420,218	123,956,284	133,338,450	144,686,585	157,030,951	170,210,522	184,499,525	199,706,598	216,191,002	233,943,814	252,765,021
Total											
Charges	659,740,640	707,591,078	760,052,270	823,064,265	891,945,385	965,217,820	1,044,388,387	1,129,177,700	1,223,216,707	1,324,903,723	1,432,787,632
Allowed	497,488,840	533,368,841	572,713,335	619,949,025	671,669,133	726,620,150	785,942,181	849,597,095	920,733,211	997,714,004	1,079,410,080
Paid	458,362,493	492,440,478	529,681,562	573,993,588	622,154,658	673,544,882	729,218,476	788,461,429	852,653,837	921,809,611	994,984,696

Appendix I

Medicare - Non-Dual Eligible and Non-PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	770,032,166	826,034,046	887,138,224	959,052,822	1,036,826,108	1,119,406,780	1,208,313,788	1,302,883,077	1,406,209,681	1,517,194,181	1,634,971,046
Allowed	417,625,726	447,959,727	481,058,651	519,986,114	562,091,826	606,786,329	654,896,079	706,078,785	762,076,145	822,230,854	886,070,109
Paid	340,879,397	365,695,339	392,753,499	424,465,174	458,739,914	495,103,078	534,222,545	575,814,096	621,291,083	670,121,334	721,941,298
Inpatient											
Charges	968,180,624	1,038,444,796	1,114,318,771	1,201,626,655	1,296,358,011	1,397,304,863	1,506,845,697	1,623,449,095	1,751,953,601	1,890,331,977	2,036,287,053
Allowed	704,775,017	755,304,076	809,946,292	872,863,142	941,371,231	1,014,380,980	1,093,560,072	1,178,132,254	1,272,391,869	1,373,883,288	1,480,865,333
Paid	597,436,400	641,069,530	687,803,120	740,514,012	797,155,613	857,763,570	923,942,322	994,447,880	1,069,140,794	1,148,805,605	1,231,920,107
Outpatient											
Charges	603,660,717	647,480,175	695,431,411	751,799,144	812,760,143	877,301,601	946,663,071	1,020,569,769	1,101,914,582	1,189,690,253	1,283,037,040
Allowed	404,586,612	433,776,267	465,779,768	503,580,600	544,529,016	587,888,438	634,489,177	684,172,809	739,029,834	798,242,181	861,213,295
Paid	333,050,783	357,803,499	384,685,192	415,558,562	448,819,958	484,171,059	522,343,404	562,921,903	606,795,370	653,881,138	703,639,283
Professional											
Charges	647,168,153	693,772,171	744,665,570	805,167,192	870,673,558	940,357,629	1,015,780,709	1,095,988,058	1,183,970,833	1,278,844,476	1,379,626,183
Allowed	474,966,943	509,098,664	546,362,719	590,581,683	638,540,226	689,470,231	744,554,532	803,251,997	868,230,330	938,401,565	1,012,997,546
Paid	430,389,247	462,047,220	496,544,803	537,243,941	581,176,881	628,083,932	678,928,539	732,782,245	790,755,163	852,917,329	918,684,879
Total											
Charges	2,989,041,660	3,205,731,188	3,441,553,976	3,717,645,813	4,016,617,821	4,334,370,873	4,677,603,264	5,042,889,998	5,444,048,698	5,876,060,887	6,333,921,322
Allowed	2,001,954,298	2,146,138,735	2,303,147,430	2,487,011,540	2,686,532,299	2,898,525,977	3,127,499,860	3,371,635,845	3,641,728,177	3,932,757,889	4,241,146,283
Paid	1,701,755,826	1,826,615,588	1,961,786,614	2,117,781,690	2,285,892,367	2,465,121,639	2,659,436,811	2,865,966,125	3,087,982,410	3,325,725,406	3,576,185,567

Appendix I

West Virginia Children's Health Insurance Program Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	16,992,463	18,157,775	19,453,147	20,780,744	22,027,660	23,483,143	25,034,016	26,383,724	27,808,750	29,280,225	30,786,978
Allowed	10,903,360	11,651,126	12,482,317	13,334,205	14,134,368	15,068,354	16,063,584	16,929,653	17,844,074	18,788,281	19,755,007
Paid	8,664,054	9,258,200	9,918,677	10,595,575	11,231,309	11,973,390	12,764,089	13,452,263	14,178,827	14,929,085	15,697,396
Inpatient											
Charges	50,704,170	54,178,120	58,042,991	62,002,136	65,716,226	70,053,169	74,671,330	78,697,006	82,945,227	87,333,810	91,839,106
Allowed	13,950,767	14,906,644	15,970,033	17,059,391	18,081,394	19,274,762	20,545,559	21,653,213	22,822,134	24,029,646	25,269,085
Paid	12,573,758	13,435,250	14,393,673	15,375,482	16,296,537	17,372,048	18,517,309	19,515,614	20,569,115	21,657,416	22,774,616
Outpatient											
Charges	45,190,278	48,290,311	51,735,385	55,266,725	58,584,776	62,457,352	66,584,625	70,174,597	73,965,531	77,879,467	81,883,815
Allowed	14,665,237	15,671,298	16,789,304	17,935,325	19,012,171	20,268,968	21,608,454	22,773,496	24,003,776	25,273,956	26,573,362
Paid	11,207,835	11,976,821	12,831,265	13,707,182	14,530,376	15,491,080	16,515,092	17,405,527	18,345,894	19,316,696	20,309,453
Professional											
Charges	11,610,190	12,407,056	13,292,210	14,199,766	15,053,071	16,048,779	17,110,357	18,032,906	19,007,366	20,013,202	21,040,816
Allowed	7,384,145	7,890,937	8,453,898	9,031,095	9,573,764	10,207,006	10,882,121	11,468,858	12,088,597	12,728,302	13,381,922
Paid	5,934,932	6,342,295	6,794,773	7,258,713	7,694,946	8,203,970	8,746,685	9,218,286	9,716,435	10,230,615	10,755,860
Total											
Charges	124,497,101	133,033,262	142,523,733	152,249,372	161,381,734	172,042,443	183,400,329	193,288,234	203,726,873	214,506,705	225,550,715
Allowed	46,903,509	50,120,006	53,695,552	57,360,016	60,801,698	64,819,089	69,099,717	72,825,220	76,758,581	80,820,186	84,979,377
Paid	38,380,579	41,012,566	43,938,388	46,936,951	49,753,169	53,040,488	56,543,174	59,591,690	62,810,272	66,133,811	69,537,325

Appendix I

Uninsured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	443,989,111	471,912,759	409,160,737	286,194,983	238,010,576	225,780,992	225,599,217	239,872,673	254,894,821	270,637,127	287,133,707
Allowed	443,989,111	471,912,759	409,160,737	286,194,983	238,010,576	225,780,992	225,599,217	239,872,673	254,894,821	270,637,127	287,133,707
Paid	399,682,494	424,930,477	368,519,708	257,808,799	214,423,762	203,423,735	203,280,364	216,160,681	229,716,943	243,926,195	258,817,112
Inpatient											
Charges	1,038,035,603	1,104,238,013	964,374,465	682,608,520	568,831,543	540,968,520	541,747,946	577,281,350	614,354,758	653,262,425	693,660,255
Allowed	1,038,035,603	1,104,238,013	964,374,465	682,608,520	568,831,543	540,968,520	541,747,946	577,281,350	614,354,758	653,262,425	693,660,255
Paid	810,450,008	862,124,188	753,447,386	533,918,970	444,984,413	423,240,620	423,887,601	451,758,210	480,895,834	511,469,716	543,193,054
Outpatient											
Charges	1,214,122,450	1,287,669,131	1,111,916,755	773,890,634	642,619,790	608,766,994	607,497,480	645,189,396	684,920,717	726,512,269	770,072,476
Allowed	1,214,122,450	1,287,669,131	1,111,916,755	773,890,634	642,619,790	608,766,994	607,497,480	645,189,396	684,920,717	726,512,269	770,072,476
Paid	693,641,751	736,007,156	635,923,927	442,908,426	367,950,179	348,727,328	348,169,684	369,950,090	392,919,726	416,959,627	442,120,280
Professional											
Charges	471,325,083	498,226,740	433,666,638	306,255,130	253,676,688	239,763,950	238,691,903	252,906,792	267,857,922	283,531,762	299,943,709
Allowed	471,325,083	498,226,740	433,666,638	306,255,130	253,676,688	239,763,950	238,691,903	252,906,792	267,857,922	283,531,762	299,943,709
Paid	377,037,379	398,529,640	347,351,830	245,811,959	203,599,923	192,425,319	191,555,475	202,952,700	214,945,288	227,520,136	240,686,920
Total											
Charges	3,167,472,246	3,362,046,643	2,919,118,595	2,048,949,267	1,703,138,597	1,615,280,457	1,613,536,546	1,715,250,210	1,822,028,218	1,933,943,583	2,050,810,149
Allowed	3,167,472,246	3,362,046,643	2,919,118,595	2,048,949,267	1,703,138,597	1,615,280,457	1,613,536,546	1,715,250,210	1,822,028,218	1,933,943,583	2,050,810,149
Paid	2,280,811,633	2,421,591,461	2,105,242,851	1,480,448,154	1,230,958,276	1,167,817,002	1,166,893,124	1,240,821,682	1,318,477,791	1,399,875,674	1,484,817,366

Appendix J

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Appendix J

Initiative IV - Medical Home

Allowed Charges by Insurance Coverage (in \$millions)						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$593.7	\$634.1	\$672.2	\$704.8	\$738.2	\$773.0
WV CHIP	46.9	50.1	53.4	56.5	59.2	62.5
Medicaid Non-Duals	1,665.7	1,762.3	1,853.3	1,932.2	2,013.0	2,096.9
Commercially Insured	3,890.5	4,145.6	4,388.6	4,611.5	4,845.5	5,089.9
Uninsured	3,167.5	3,362.0	3,547.8	3,713.8	3,885.3	4,065.0
PEIA Medicare	497.5	533.4	569.7	610.3	654.4	700.6
Medicare- & Medicaid Duals	1,262.8	1,352.9	1,441.3	1,529.3	1,622.5	1,719.8
<u>Medicare Non-Medicaid/PEIA</u>	<u>2,002.0</u>	<u>2,146.1</u>	<u>2,291.2</u>	<u>2,448.5</u>	<u>2,617.5</u>	<u>2,794.7</u>
West Virginia	\$13,126.6	\$13,986.7	\$14,817.5	\$15,607.0	\$16,435.7	\$17,302.5
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$809.1	\$845.7	\$881.7	\$918.4	\$961.4	
WV CHIP	65.9	68.8	71.7	74.7	78.2	
Medicaid Non-Duals	2,182.9	2,272.0	2,363.3	2,457.3	2,568.3	
Commercially Insured	5,345.3	5,611.6	5,887.3	6,173.7	6,503.5	
Uninsured	4,253.2	4,450.1	4,655.4	4,869.3	5,117.3	
PEIA Medicare	749.9	802.3	860.4	922.7	993.1	
Medicare- & Medicaid Duals	1,824.4	1,933.6	2,050.4	2,174.7	2,315.9	
<u>Medicare Non-Medicaid/PEIA</u>	<u>2,984.2</u>	<u>3,183.8</u>	<u>3,403.2</u>	<u>3,637.1</u>	<u>3,901.9</u>	
West Virginia	\$18,215.1	\$19,167.9	\$20,173.5	\$21,227.9	\$22,439.5	

Savings by Insurance Category						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$0.0	\$0.0	\$3.5	\$11.1	\$19.5	\$28.7
WV CHIP	0.0	0.0	0.3	0.9	1.6	2.3
Medicaid Non-Duals	0.0	0.0	9.6	30.4	53.1	77.9
Commercially Insured	0.0	0.0	22.9	72.6	127.8	189.1
Uninsured	0.0	0.0	18.4	58.5	102.6	151.0
PEIA Medicare	0.0	0.0	3.0	9.6	17.3	26.0
Medicare- & Medicaid Duals	0.0	0.0	7.5	24.1	42.8	63.9
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>11.9</u>	<u>38.5</u>	<u>69.0</u>	<u>103.8</u>
West Virginia	\$0.0	\$0.0	\$77.2	\$245.7	\$433.7	\$642.6
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$38.8	\$49.9	\$61.8	\$74.7	\$83.6	
WV CHIP	3.2	4.0	5.1	6.1	6.8	
Medicaid Non-Duals	104.8	134.0	165.6	199.7	223.3	
Commercially Insured	256.6	331.0	412.6	501.9	565.5	
Uninsured	204.2	262.5	326.2	395.8	445.0	
PEIA Medicare	36.0	47.3	60.3	75.0	86.3	
Medicare- & Medicaid Duals	87.6	114.1	143.7	176.8	201.4	
<u>Medicare Non-Medicaid/PEIA</u>	<u>143.3</u>	<u>187.8</u>	<u>238.5</u>	<u>295.7</u>	<u>339.2</u>	
West Virginia	\$874.4	\$1,130.6	\$1,413.7	\$1,725.6	\$1,951.3	

Appendix J

2014 West Virginia Health Care Expenditures									
	<u>PEIA Non-Medicare</u>	<u>West Virginia CHIP</u>	<u>Medicaid Non-Duals</u>	<u>Commercially Insured</u>	<u>Uninsured</u>	<u>PEIA Medicare</u>	<u>Medicare and Medicaid Duals</u>	<u>Medicare Non- Medicaid/PEIA</u>	<u>Total Population</u>
Drugs									
Charges	310,844,467	22,642,235	825,358,839	2,041,094,630	572,107,753	243,326,816	303,645,727	1,079,321,938	5,398,342,406
Allowed	199,591,660	14,528,771	544,935,199	1,309,387,678	572,107,753	155,700,541	246,843,030	585,057,915	3,628,152,546
Paid	158,459,523	11,544,635	544,875,802	1,041,050,291	515,423,836	136,748,697	246,843,030	477,373,930	3,132,319,745
Inpatient									
Charges	804,559,774	67,544,635	1,074,600,068	5,399,850,755	1,346,415,398	294,623,011	738,955,038	1,347,268,768	11,073,817,447
Allowed	221,443,187	18,584,552	326,065,836	1,488,108,204	1,346,415,398	237,567,331	479,767,792	978,057,008	5,096,009,308
Paid	199,404,870	16,749,972	319,971,240	1,341,544,091	1,051,448,520	222,681,373	385,165,318	827,047,912	4,364,013,296
Outpatient									
Charges	723,286,786	60,220,816	808,615,697	4,733,937,079	1,551,652,264	188,184,335	392,916,613	845,886,305	9,304,699,896
Allowed	235,205,095	19,543,156	252,439,488	1,538,260,537	1,551,652,264	140,431,288	271,589,466	566,836,738	4,575,958,034
Paid	180,631,060	14,936,360	247,037,332	1,178,502,254	888,328,082	125,880,389	276,291,212	466,833,376	3,378,440,064
Professional									
Charges	183,327,704	15,474,088	1,962,619,732	1,182,113,042	594,843,004	204,520,169	1,211,521,941	906,684,359	6,261,104,039
Allowed	116,785,585	9,841,503	973,440,303	754,182,625	594,843,004	166,901,446	721,610,348	664,780,989	4,002,385,802
Paid	93,921,848	7,910,194	960,307,475	605,485,034	475,719,381	164,115,452	716,924,136	605,592,872	3,629,976,392
Total									
Charges	2,022,018,731	165,881,775	4,671,194,335	13,356,995,507	4,065,018,419	930,654,331	2,647,039,318	4,179,161,371	32,037,963,787
Allowed	773,025,527	62,497,982	2,096,880,826	5,089,939,044	4,065,018,419	700,600,607	1,719,810,635	2,794,732,650	17,302,505,690
Paid	632,417,302	51,141,161	2,072,191,849	4,166,581,670	2,930,919,819	649,425,911	1,625,223,695	2,376,848,090	14,504,749,496

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Total West Virginia Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	4,075,120,875	4,349,249,390	4,614,232,298	4,864,153,318	5,125,442,505	5,398,342,406	5,685,527,401	5,984,251,857	6,297,192,698	6,623,697,046	6,999,351,509
Allowed	2,748,635,426	2,932,703,703	3,110,199,159	3,275,561,205	3,448,088,218	3,628,152,546	3,817,447,592	4,014,359,665	4,220,512,623	4,435,465,532	4,683,008,850
Paid	2,375,747,930	2,534,754,647	2,687,976,821	2,829,960,074	2,977,926,369	3,132,319,745	3,294,609,883	3,463,379,285	3,639,971,423	3,824,035,604	4,036,076,998
Inpatient											
Charges	8,348,654,938	8,910,200,432	9,450,968,186	9,962,815,502	10,503,342,064	11,073,817,447	11,674,297,904	12,302,179,415	12,963,830,299	13,659,525,412	14,453,743,274
Allowed	3,825,730,605	4,083,407,188	4,332,942,352	4,573,339,845	4,827,990,796	5,096,009,308	5,378,637,346	5,674,458,680	5,987,172,157	6,316,007,078	6,690,614,740
Paid	3,281,893,252	3,505,515,020	3,721,054,941	3,924,174,610	4,138,326,826	4,364,013,296	4,602,205,564	4,850,978,984	5,108,933,557	5,378,753,654	5,685,627,797
Outpatient											
Charges	7,112,563,611	7,573,712,847	8,016,732,424	8,428,508,517	8,857,313,013	9,304,699,896	9,774,109,324	10,262,780,001	10,773,739,074	11,306,188,595	11,921,963,356
Allowed	3,490,625,931	3,716,611,407	3,934,723,851	4,139,566,635	4,353,111,301	4,575,958,034	4,810,395,466	5,055,129,487	5,312,614,808	5,581,615,556	5,892,238,198
Paid	2,565,076,030	2,734,582,479	2,898,158,835	3,051,474,509	3,211,391,011	3,378,440,064	3,554,654,458	3,738,329,380	3,930,860,655	4,131,941,885	4,363,441,115
Professional											
Charges	4,803,643,968	5,103,176,470	5,391,725,243	5,668,475,074	5,958,684,779	6,261,104,039	6,579,159,121	6,911,142,521	7,262,687,265	7,632,783,025	8,060,664,233
Allowed	3,061,562,887	3,254,000,130	3,439,622,573	3,618,533,746	3,806,534,061	4,002,385,802	4,208,578,515	4,423,947,923	4,653,165,193	4,894,784,569	5,173,643,003
Paid	2,771,741,676	2,947,176,626	3,116,474,129	3,279,750,544	3,451,174,596	3,629,976,392	3,818,392,421	4,014,773,911	4,222,227,514	4,440,612,451	4,692,464,569
Total											
Charges	24,339,983,391	25,936,339,139	27,473,658,150	28,923,952,410	30,444,782,361	32,037,963,787	33,713,093,751	35,460,353,794	37,297,449,337	39,222,194,078	41,435,722,372
Allowed	13,126,554,849	13,986,722,427	14,817,487,936	15,607,001,431	16,435,724,376	17,302,505,690	18,215,058,919	19,167,895,754	20,173,464,780	21,227,872,734	22,439,504,792
Paid	10,994,458,887	11,722,028,771	12,423,664,727	13,085,359,736	13,778,818,803	14,504,749,496	15,269,862,325	16,067,461,560	16,901,993,148	17,775,343,594	18,777,610,478

Appendix J

Commercially Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	1,552,235,244	1,656,722,551	1,756,383,228	1,847,287,366	1,942,130,160	2,041,094,630	2,144,839,021	2,252,472,504	2,363,797,657	2,479,240,267	2,612,572,172
Allowed	995,978,981	1,062,913,753	1,126,768,812	1,185,053,579	1,245,903,969	1,309,387,678	1,375,878,562	1,444,907,890	1,516,460,224	1,590,733,928	1,676,503,822
Paid	791,441,804	844,781,919	895,674,920	942,074,709	990,503,146	1,041,050,291	1,094,020,283	1,148,996,264	1,206,008,470	1,265,223,099	1,333,600,127
Inpatient											
Charges	4,089,388,740	4,363,078,064	4,624,518,632	4,867,680,303	5,125,893,959	5,399,850,755	5,686,879,931	5,988,712,384	6,307,398,669	6,643,349,732	7,025,795,431
Allowed	1,125,269,523	1,200,996,335	1,273,367,979	1,340,848,445	1,412,503,231	1,488,108,204	1,566,734,925	1,648,975,871	1,733,943,658	1,822,799,236	1,923,956,171
Paid	1,014,169,883	1,082,357,921	1,147,538,448	1,208,384,063	1,273,189,843	1,341,544,091	1,412,495,692	1,486,821,101	1,563,909,612	1,644,530,779	1,736,209,949
Outpatient											
Charges	3,631,245,871	3,867,113,623	4,091,662,433	4,296,803,206	4,510,894,046	4,733,937,079	4,967,631,496	5,211,082,144	5,464,325,717	5,727,052,693	6,030,867,479
Allowed	1,178,884,531	1,255,907,619	1,329,230,539	1,396,042,945	1,465,710,768	1,538,260,537	1,614,361,211	1,693,626,214	1,775,944,975	1,861,138,377	1,959,622,531
Paid	901,049,497	960,330,722	1,016,854,526	1,068,474,670	1,122,340,890	1,178,502,254	1,237,450,125	1,298,865,126	1,362,775,580	1,428,938,291	1,505,297,882
Professional											
Charges	927,664,760	982,836,689	1,034,761,179	1,081,843,671	1,131,097,704	1,182,113,042	1,235,206,362	1,290,825,205	1,348,117,625	1,407,326,845	1,476,380,001
Allowed	590,360,429	625,823,275	659,238,077	689,590,092	721,337,724	754,182,625	788,341,433	824,089,727	860,933,027	899,010,806	943,395,029
Paid	474,323,146	502,706,661	529,451,136	553,744,705	579,178,521	605,485,034	632,815,813	661,428,956	690,948,745	721,458,611	757,026,466
Total											
Charges	10,200,534,615	10,869,750,928	11,507,325,471	12,093,614,545	12,710,015,869	13,356,995,507	14,034,556,811	14,743,092,237	15,483,639,668	16,256,969,538	17,145,615,082
Allowed	3,890,493,463	4,145,640,982	4,388,605,407	4,611,535,061	4,845,455,691	5,089,939,044	5,345,316,132	5,611,599,702	5,887,281,883	6,173,682,346	6,503,477,553
Paid	3,180,984,330	3,390,177,223	3,589,519,030	3,772,678,147	3,965,212,400	4,166,581,670	4,376,781,914	4,596,111,446	4,823,642,406	5,060,150,780	5,332,134,423

Appendix J

PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	237,681,401	254,265,685	269,889,210	283,187,430	296,757,034	310,844,467	325,441,269	340,214,294	354,726,999	369,473,529	386,777,906
Allowed	152,658,446	163,292,461	173,312,214	181,844,665	190,551,552	199,591,660	208,953,486	218,427,255	227,742,334	237,210,773	248,322,426
Paid	121,110,862	129,576,976	137,555,292	144,343,578	151,269,724	158,459,523	165,905,295	173,436,385	180,841,071	188,369,844	197,206,056
Inpatient											
Charges	611,920,683	655,181,833	695,923,189	731,047,143	767,041,450	804,559,774	843,567,516	883,044,684	921,579,440	960,770,307	1,006,442,406
Allowed	168,492,265	180,361,970	191,543,550	201,207,327	211,114,296	221,443,187	232,178,262	243,022,632	253,561,392	264,285,409	276,772,790
Paid	151,731,848	162,414,264	172,474,150	181,172,831	190,102,027	199,404,870	209,072,571	218,839,668	228,339,410	237,998,819	249,246,757
Outpatient											
Charges	557,403,903	594,823,226	630,066,997	660,275,274	691,162,969	723,286,786	756,567,811	790,392,048	823,942,756	858,184,536	898,328,832
Allowed	181,081,642	193,315,644	204,833,268	214,671,400	224,733,199	235,205,095	246,072,593	257,126,889	268,095,945	279,279,615	292,361,499
Paid	138,840,714	148,291,008	157,190,903	164,783,743	172,545,837	180,631,060	189,028,268	197,566,964	206,034,024	214,661,367	224,740,669
Professional											
Charges	143,921,593	152,747,889	161,032,023	168,228,517	175,626,745	183,327,704	191,292,239	199,428,938	207,601,741	215,970,124	225,809,762
Allowed	91,512,591	97,172,397	102,486,742	107,104,713	111,850,141	116,785,585	121,887,139	127,094,080	132,318,088	137,665,088	143,949,126
Paid	73,654,152	78,191,833	82,452,399	86,155,320	89,961,834	93,921,848	98,015,306	102,193,081	106,388,912	110,685,651	115,735,468
Total											
Charges	1,550,927,579	1,657,018,633	1,756,911,420	1,842,738,363	1,930,588,199	2,022,018,731	2,116,868,834	2,213,079,964	2,307,850,937	2,404,398,497	2,517,358,906
Allowed	593,744,944	634,142,473	672,175,774	704,828,104	738,249,188	773,025,527	809,091,481	845,670,856	881,717,760	918,440,885	961,405,841
Paid	485,337,576	518,474,082	549,672,744	576,455,473	603,879,421	632,417,302	662,021,440	692,036,099	721,603,416	751,715,681	786,928,951

Appendix J

Medicaid - Non-Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	654,081,262	692,572,647	728,847,717	760,183,588	792,199,167	825,358,839	859,572,249	894,986,154	931,114,999	968,030,002	1,011,416,725
Allowed	431,652,745	457,135,137	481,140,391	501,881,277	523,054,266	544,935,199	567,475,119	590,814,057	614,615,215	638,951,207	667,579,771
Paid	431,605,695	457,085,312	481,087,953	501,826,578	522,997,257	544,875,802	567,413,261	590,749,651	614,548,208	638,881,538	667,506,972
Inpatient											
Charges	848,143,690	899,658,370	948,072,764	989,144,387	1,031,117,571	1,074,600,068	1,119,414,579	1,165,741,714	1,212,932,378	1,261,363,597	1,318,550,404
Allowed	257,606,677	273,031,531	287,544,616	299,975,353	312,765,333	326,065,836	339,778,657	353,979,294	368,484,631	383,355,293	400,828,412
Paid	252,863,605	267,972,308	282,187,865	294,377,031	306,922,524	319,971,240	333,424,441	347,358,826	361,592,603	376,185,870	393,335,153
Outpatient											
Charges	642,307,805	679,857,133	715,254,874	745,711,669	776,633,959	808,615,697	841,529,341	875,669,208	910,617,855	946,768,762	989,680,842
Allowed	200,332,672	212,114,734	223,217,387	232,746,791	242,431,085	252,439,488	262,744,834	273,428,994	284,373,695	295,693,657	309,120,809
Paid	196,060,747	207,586,528	218,449,878	227,774,291	237,248,242	247,037,332	257,117,284	267,569,089	278,278,508	289,359,134	302,506,283
Professional											
Charges	1,566,825,343	1,654,966,686	1,737,973,851	1,810,742,651	1,885,230,748	1,962,619,732	2,041,764,811	2,123,771,815	2,208,228,015	2,295,865,809	2,399,824,961
Allowed	776,137,932	820,047,874	861,363,352	897,610,120	934,775,797	973,440,303	1,012,923,494	1,053,763,756	1,095,788,066	1,139,277,646	1,190,743,715
Paid	765,589,121	808,946,315	849,740,001	885,507,694	922,169,965	960,307,475	999,246,694	1,039,520,858	1,080,956,125	1,123,833,081	1,174,581,646
Total											
Charges	3,711,358,100	3,927,054,836	4,130,149,207	4,305,782,295	4,485,181,445	4,671,194,335	4,862,280,980	5,060,168,890	5,262,893,247	5,472,028,170	5,719,472,931
Allowed	1,665,730,026	1,762,329,276	1,853,265,746	1,932,213,540	2,013,026,481	2,096,880,826	2,182,922,104	2,271,986,100	2,363,261,607	2,457,277,803	2,568,272,707
Paid	1,646,119,168	1,741,590,464	1,831,465,697	1,909,485,594	1,989,337,988	2,072,191,849	2,157,201,681	2,245,198,424	2,335,375,444	2,428,259,623	2,537,930,053

Appendix J

Medicaid & Medicare Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	228,066,415	245,088,590	261,417,407	274,998,855	288,986,157	303,645,727	319,362,111	335,649,251	352,508,193	370,012,107	389,802,251
Allowed	185,663,819	199,710,311	213,134,843	224,000,831	235,155,899	246,843,030	259,378,879	272,352,111	285,757,242	299,636,044	315,298,588
Paid	185,663,819	199,710,311	213,134,843	224,000,831	235,155,899	246,843,030	259,378,879	272,352,111	285,757,242	299,636,044	315,298,588
Inpatient											
Charges	532,646,070	570,428,190	608,349,473	649,288,690	692,961,822	738,955,038	788,281,507	840,033,034	894,999,557	953,264,774	1,019,423,174
Allowed	348,259,406	372,934,693	397,459,051	423,323,484	450,862,620	479,767,792	510,896,786	543,532,249	578,339,211	615,421,108	657,570,355
Paid	285,032,017	306,627,292	327,483,263	345,878,966	365,070,664	385,165,318	406,778,557	429,209,671	452,621,419	477,127,229	504,922,909
Outpatient											
Charges	285,561,130	305,776,036	325,995,923	347,120,449	369,443,729	392,916,613	418,009,079	444,249,234	471,741,358	500,567,352	533,458,560
Allowed	197,577,859	211,626,939	225,608,347	240,134,921	255,494,327	271,589,466	288,815,122	306,782,473	325,637,573	345,502,707	368,159,273
Paid	202,617,966	217,332,930	231,696,520	245,823,930	260,743,285	276,291,212	293,017,599	310,370,411	328,729,127	348,192,126	370,319,217
Professional											
Charges	890,137,834	952,819,757	1,014,148,005	1,076,361,496	1,142,646,085	1,211,521,941	1,285,650,378	1,363,140,281	1,447,431,700	1,537,730,362	1,640,364,771
Allowed	531,266,438	568,663,529	605,117,628	641,864,106	681,022,202	721,610,348	765,325,953	810,958,024	860,696,224	914,120,437	974,879,792
Paid	529,393,481	566,456,377	602,495,330	638,606,499	677,092,277	716,924,136	759,833,887	804,620,875	853,572,335	906,204,112	966,094,452
Total											
Charges	1,936,411,449	2,074,112,573	2,209,910,808	2,347,769,490	2,494,037,793	2,647,039,318	2,811,303,074	2,983,071,801	3,166,680,807	3,361,574,595	3,583,048,756
Allowed	1,262,767,522	1,352,935,472	1,441,319,870	1,529,323,342	1,622,535,049	1,719,810,635	1,824,416,740	1,933,624,856	2,050,430,250	2,174,680,296	2,315,908,009
Paid	1,202,707,283	1,290,126,910	1,374,809,956	1,454,310,225	1,538,062,125	1,625,223,695	1,719,008,921	1,816,553,068	1,920,680,124	2,031,159,511	2,156,635,167

Appendix J

PEIA - Medicare Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	172,042,812	184,495,337	197,185,216	211,512,347	227,016,441	243,326,816	260,730,484	279,137,597	299,275,918	320,741,006	345,005,406
Allowed	110,163,237	118,128,427	126,242,412	135,389,813	145,289,665	155,700,541	166,806,508	178,556,118	191,429,368	205,152,247	220,665,468
Paid	96,699,804	103,716,111	110,861,902	118,902,114	127,602,294	136,748,697	146,500,768	156,813,609	168,111,003	180,145,890	193,750,448
Inpatient											
Charges	209,635,358	224,993,046	240,434,427	257,278,381	275,534,522	294,623,011	315,061,740	336,692,888	360,757,845	386,574,358	415,737,945
Allowed	169,341,346	181,633,926	194,006,820	207,522,784	222,224,002	237,567,331	253,957,099	271,373,112	291,021,201	312,110,141	335,925,501
Paid	157,635,733	169,514,268	181,428,657	194,327,982	208,131,439	222,681,373	238,350,140	254,711,539	271,980,760	290,403,054	311,181,421
Outpatient											
Charges	133,071,458	142,703,213	152,514,050	163,566,336	175,564,662	188,184,335	201,633,272	215,896,241	231,585,891	248,361,638	267,297,413
Allowed	99,374,928	106,529,775	113,822,136	122,063,169	131,019,305	140,431,288	150,453,726	161,094,334	172,845,912	185,417,005	199,607,316
Paid	88,606,737	95,253,815	101,997,798	109,423,032	117,433,049	125,880,389	134,916,489	144,436,089	154,688,511	165,602,769	177,910,232
Professional											
Charges	144,991,012	155,399,482	165,978,248	177,950,441	190,900,542	204,520,169	219,123,335	234,555,872	251,487,416	269,619,816	290,123,858
Allowed	118,609,328	127,076,713	135,672,857	145,364,603	155,869,579	166,901,446	178,723,754	191,251,044	205,137,027	220,025,988	236,858,989
Paid	115,420,218	123,956,284	132,647,185	142,444,073	152,994,161	164,115,452	176,048,287	188,582,958	202,032,445	216,355,804	232,543,820
Total											
Charges	659,740,640	707,591,078	756,111,941	810,307,505	869,016,167	930,654,331	996,548,831	1,066,282,598	1,143,107,071	1,225,296,818	1,318,164,621
Allowed	497,488,840	533,368,841	569,744,225	610,340,369	654,402,551	700,600,607	749,941,086	802,274,609	860,433,509	922,705,381	993,057,273
Paid	458,362,493	492,440,478	526,935,541	565,097,201	606,160,943	649,425,911	695,815,684	744,544,194	796,812,719	852,507,518	915,385,920

Appendix J

Medicare - Non-Dual Eligible and Non-PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	770,032,166	826,034,046	882,539,045	944,188,361	1,010,172,445	1,079,321,938	1,152,965,418	1,230,312,599	1,314,115,660	1,403,130,787	1,504,173,362
Allowed	417,625,726	447,959,727	478,564,705	511,926,794	547,642,146	585,057,915	624,897,720	666,750,256	712,167,047	760,415,140	815,184,501
Paid	340,879,397	365,695,339	390,717,352	417,886,344	446,947,099	477,373,930	509,751,793	543,741,300	580,602,134	619,741,287	664,185,994
Inpatient											
Charges	968,180,624	1,038,444,796	1,108,541,823	1,183,002,517	1,263,032,568	1,347,268,768	1,437,822,688	1,533,023,117	1,637,216,478	1,748,215,902	1,873,384,088
Allowed	704,775,017	755,304,076	805,747,298	859,334,544	917,171,424	978,057,008	1,043,468,144	1,112,510,387	1,189,061,704	1,270,594,076	1,362,396,106
Paid	597,436,400	641,069,530	684,237,352	729,036,707	776,663,154	827,047,912	881,619,954	939,057,217	999,121,737	1,062,437,842	1,133,366,498
Outpatient											
Charges	603,660,717	647,480,175	691,826,096	740,146,929	791,866,539	845,886,305	903,299,949	963,724,120	1,029,749,139	1,100,248,763	1,180,394,077
Allowed	404,586,612	433,776,267	463,365,033	495,775,551	530,530,822	566,836,738	605,425,583	646,064,442	690,630,061	738,229,947	792,316,232
Paid	333,050,783	357,803,499	382,690,874	409,117,776	437,282,155	466,833,376	498,416,792	531,567,201	567,055,759	604,722,037	647,348,140
Professional											
Charges	647,168,153	693,772,171	740,805,010	792,687,821	848,291,175	906,684,359	969,251,565	1,034,941,616	1,106,431,447	1,182,700,329	1,269,256,089
Allowed	474,966,943	509,098,664	543,530,219	581,428,195	622,125,288	664,780,989	710,449,252	758,510,929	811,369,092	867,852,081	931,957,742
Paid	430,389,247	462,047,220	493,970,572	528,917,140	566,236,581	605,592,872	647,829,343	691,966,336	738,967,848	788,794,591	845,190,089
Total											
Charges	2,989,041,660	3,205,731,188	3,423,711,974	3,660,025,627	3,913,362,726	4,179,161,371	4,463,339,620	4,762,001,452	5,087,512,724	5,434,295,780	5,827,207,616
Allowed	2,001,954,298	2,146,138,735	2,291,207,254	2,448,465,085	2,617,469,680	2,794,732,650	2,984,240,700	3,183,836,014	3,403,227,904	3,637,091,244	3,901,854,581
Paid	1,701,755,826	1,826,615,588	1,951,616,150	2,084,957,968	2,227,128,988	2,376,848,090	2,537,617,882	2,706,332,054	2,885,747,478	3,075,695,757	3,290,090,721

Appendix J

West Virginia Children's Health Insurance Program Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	16,992,463	18,157,775	19,352,296	20,458,662	21,461,395	22,642,235	23,887,301	24,914,153	25,987,528	27,078,924	28,324,020
Allowed	10,903,360	11,651,126	12,417,605	13,127,537	13,771,016	14,528,771	15,327,770	15,986,673	16,675,449	17,375,769	18,174,606
Paid	8,664,054	9,258,200	9,867,256	10,431,353	10,942,586	11,544,635	12,179,413	12,702,973	13,250,242	13,806,709	14,441,604
Inpatient											
Charges	50,704,170	54,178,120	57,742,079	61,041,159	64,026,861	67,544,635	71,250,914	74,313,590	77,513,064	80,768,012	84,491,978
Allowed	13,950,767	14,906,644	15,887,240	16,794,986	17,616,577	18,584,552	19,604,443	20,447,131	21,327,491	22,223,086	23,247,559
Paid	12,573,758	13,435,250	14,319,052	15,137,175	15,877,603	16,749,972	17,669,100	18,428,596	19,222,024	20,029,201	20,952,646
Outpatient											
Charges	45,190,278	48,290,311	51,467,174	54,410,140	57,078,739	60,220,816	63,534,630	66,265,878	69,121,457	72,024,451	75,333,109
Allowed	14,665,237	15,671,298	16,702,264	17,657,343	18,523,426	19,543,156	20,618,651	21,505,014	22,431,746	23,373,848	24,447,493
Paid	11,207,835	11,976,821	12,764,744	13,494,733	14,156,844	14,936,360	15,758,597	16,436,041	17,144,404	17,864,457	18,684,696
Professional											
Charges	11,610,190	12,407,056	13,223,299	13,979,683	14,666,102	15,474,088	16,326,595	17,028,475	17,762,555	18,508,600	19,357,551
Allowed	7,384,145	7,890,937	8,410,070	8,891,121	9,327,652	9,841,503	10,383,652	10,830,043	11,296,903	11,771,382	12,311,369
Paid	5,934,932	6,342,295	6,759,547	7,146,210	7,497,132	7,910,194	8,346,031	8,704,828	9,080,097	9,461,472	9,895,392
Total											
Charges	124,497,101	133,033,262	141,784,849	149,889,643	157,233,097	165,881,775	174,999,440	182,522,096	190,384,605	198,379,986	207,506,658
Allowed	46,903,509	50,120,006	53,417,179	56,470,987	59,238,670	62,497,982	65,934,515	68,768,861	71,731,588	74,744,085	78,181,027
Paid	38,380,579	41,012,566	43,710,599	46,209,471	48,474,165	51,141,161	53,953,141	56,272,438	58,696,767	61,161,839	63,974,339

Appendix J

Uninsured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	443,989,111	471,912,759	498,618,177	522,336,709	546,719,707	572,107,753	598,729,548	626,565,305	655,665,744	685,990,424	721,279,668
Allowed	443,989,111	471,912,759	498,618,177	522,336,709	546,719,707	572,107,753	598,729,548	626,565,305	655,665,744	685,990,424	721,279,668
Paid	399,682,494	424,930,477	449,077,302	470,494,568	492,508,364	515,423,836	539,460,190	564,586,991	590,853,053	618,231,193	650,087,208
Inpatient											
Charges	1,038,035,603	1,104,238,013	1,167,385,798	1,224,332,923	1,283,733,313	1,346,415,398	1,412,019,029	1,480,618,005	1,551,432,867	1,625,218,729	1,709,917,848
Allowed	1,038,035,603	1,104,238,013	1,167,385,798	1,224,332,923	1,283,733,313	1,346,415,398	1,412,019,029	1,480,618,005	1,551,432,867	1,625,218,729	1,709,917,848
Paid	810,450,008	862,124,188	911,386,155	955,859,854	1,002,369,572	1,051,448,520	1,102,795,110	1,156,552,367	1,212,145,993	1,270,040,859	1,336,412,464
Outpatient											
Charges	1,214,122,450	1,287,669,131	1,357,944,878	1,420,474,514	1,484,668,369	1,551,652,264	1,621,903,746	1,695,501,127	1,772,654,900	1,852,980,400	1,946,603,045
Allowed	1,214,122,450	1,287,669,131	1,357,944,878	1,420,474,514	1,484,668,369	1,551,652,264	1,621,903,746	1,695,501,127	1,772,654,900	1,852,980,400	1,946,603,045
Paid	693,641,751	736,007,156	776,513,593	812,582,334	849,640,709	888,328,082	928,949,304	971,518,459	1,016,154,742	1,062,601,702	1,116,633,995
Professional											
Charges	471,325,083	498,226,740	523,803,628	546,680,796	570,225,677	594,843,004	620,543,837	647,450,319	675,626,766	705,061,141	739,547,240
Allowed	471,325,083	498,226,740	523,803,628	546,680,796	570,225,677	594,843,004	620,543,837	647,450,319	675,626,766	705,061,141	739,547,240
Paid	377,037,379	398,529,640	418,957,958	437,228,903	456,044,126	475,719,381	496,257,058	517,756,019	540,281,007	563,819,129	591,397,237
Total											
Charges	3,167,472,246	3,362,046,643	3,547,752,481	3,713,824,942	3,885,347,065	4,065,018,419	4,253,196,160	4,450,134,756	4,655,380,278	4,869,250,694	5,117,347,801
Allowed	3,167,472,246	3,362,046,643	3,547,752,481	3,713,824,942	3,885,347,065	4,065,018,419	4,253,196,160	4,450,134,756	4,655,380,278	4,869,250,694	5,117,347,801
Paid	2,280,811,633	2,421,591,461	2,555,935,009	2,676,165,658	2,800,562,772	2,930,919,819	3,067,461,662	3,210,413,836	3,359,434,794	3,514,692,884	3,694,530,904

Appendix K

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Appendix K

Initiative V - e-Prescribing

Allowed Charges by Insurance Coverage (in \$millions)						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$593.7	\$634.1	\$674.7	\$713.0	\$752.5	\$794.0
WV CHIP	46.9	50.1	53.6	57.1	60.4	64.2
Medicaid Non-Duals	1,665.7	1,762.3	1,860.0	1,953.3	2,049.8	2,150.7
Commercially Insured	3,890.5	4,145.6	4,405.4	4,664.7	4,939.1	5,228.2
Uninsured	3,167.5	3,362.0	3,562.4	3,760.1	3,966.4	4,184.2
PEIA Medicare	497.5	533.4	571.9	617.4	667.2	719.8
Medicare- & Medicaid Duals	1,262.8	1,352.9	1,447.0	1,547.5	1,654.8	1,768.0
<u>Medicare Non-Medicaid/PEIA</u>	<u>2,002.0</u>	<u>2,146.1</u>	<u>2,300.1</u>	<u>2,477.2</u>	<u>2,668.9</u>	<u>2,872.0</u>
West Virginia	\$13,126.6	\$13,986.7	\$14,875.1	\$15,790.3	\$16,759.0	\$17,781.1
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$837.4	\$882.0	\$926.7	\$972.8	\$1,022.2	
WV CHIP	68.3	71.8	75.5	79.2	83.2	
Medicaid Non-Duals	2,255.2	2,364.4	2,477.3	2,594.6	2,721.7	
Commercially Insured	5,532.8	5,853.2	6,188.1	6,539.2	6,915.2	
Uninsured	4,414.3	4,657.0	4,912.3	5,180.7	5,467.3	
PEIA Medicare	776.5	837.1	904.8	977.8	1,056.4	
Medicare- & Medicaid Duals	1,890.5	2,019.6	2,158.8	2,308.0	2,467.8	
<u>Medicare Non-Medicaid/PEIA</u>	<u>3,090.7</u>	<u>3,323.3</u>	<u>3,580.1</u>	<u>3,856.2</u>	<u>4,153.2</u>	
West Virginia	\$18,865.7	\$20,008.4	\$21,223.5	\$22,508.4	\$23,887.0	

Savings by Insurance Category						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$0.0	\$0.0	\$1.0	\$2.9	\$5.2	\$7.7
WV CHIP	0.0	0.0	0.1	0.3	0.4	0.6
Medicaid Non-Duals	0.0	0.0	2.9	9.3	16.3	24.1
Commercially Insured	0.0	0.0	6.1	19.4	34.2	50.8
Uninsured	0.0	0.0	3.8	12.2	21.5	31.8
PEIA Medicare	0.0	0.0	0.8	2.5	4.5	6.8
Medicare- & Medicaid Duals	0.0	0.0	1.8	5.9	10.5	15.7
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>3.0</u>	<u>9.8</u>	<u>17.6</u>	<u>26.5</u>
West Virginia	\$0.0	\$0.0	\$19.6	\$62.4	\$110.4	\$164.0
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$10.5	\$13.6	\$16.8	\$20.3	\$22.8	
WV CHIP	0.8	1.0	1.3	1.6	1.8	
Medicaid Non-Duals	32.5	41.6	51.6	62.4	69.9	
Commercially Insured	69.1	89.4	111.8	136.4	153.8	
Uninsured	43.1	55.6	69.3	84.4	95.0	
PEIA Medicare	9.4	12.5	15.9	19.9	23.0	
Medicare- & Medicaid Duals	21.5	28.1	35.3	43.5	49.5	
<u>Medicare Non-Medicaid/PEIA</u>	<u>36.8</u>	<u>48.3</u>	<u>61.6</u>	<u>76.6</u>	<u>87.9</u>	
West Virginia	\$223.8	\$290.1	\$363.7	\$445.1	\$503.8	

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2014 West Virginia Health Care Expenditures									
	<u>PEIA Non-Medicare</u>	<u>West Virginia CHIP</u>	<u>Medicaid Non-Duals</u>	<u>Commercially Insured</u>	<u>Uninsured</u>	<u>PEIA Medicare</u>	<u>Medicare and Medicaid Duals</u>	<u>Medicare Non- Medicaid/PEIA</u>	<u>Total Population</u>
Drugs									
Charges	315,236,414	22,962,149	837,020,402	2,069,933,425	580,191,110	246,764,801	307,935,963	1,094,571,767	5,474,616,030
Allowed	202,411,707	14,734,050	552,634,633	1,327,888,125	580,191,110	157,900,446	250,330,695	593,324,246	3,679,415,013
Paid	160,698,411	11,707,750	552,574,397	1,055,759,376	522,706,302	138,680,831	250,330,695	484,118,786	3,176,576,548
Inpatient									
Charges	830,779,414	69,745,834	1,109,619,998	5,575,825,430	1,390,293,465	304,224,422	763,036,698	1,391,174,645	11,434,699,906
Allowed	228,659,755	19,190,200	336,691,931	1,536,603,869	1,390,293,465	245,309,366	495,402,850	1,009,930,716	5,262,082,153
Paid	205,903,237	17,295,834	330,398,720	1,385,263,408	1,085,713,969	229,938,292	397,717,395	854,000,413	4,506,231,267
Outpatient									
Charges	746,857,837	62,183,341	834,967,515	4,888,210,423	1,602,218,755	194,317,038	405,721,295	873,452,727	9,607,928,931
Allowed	242,870,148	20,180,044	260,666,189	1,588,390,608	1,602,218,755	145,007,776	280,440,242	585,309,269	4,725,083,030
Paid	186,517,610	15,423,118	255,087,983	1,216,908,232	917,277,631	129,982,680	285,295,212	482,046,917	3,488,539,383
Professional									
Charges	188,463,296	15,907,567	2,017,598,951	1,215,227,787	611,506,447	210,249,430	1,245,460,522	932,083,471	6,436,497,471
Allowed	120,057,120	10,117,195	1,000,709,461	775,309,678	611,506,447	171,576,886	741,824,948	683,403,618	4,114,505,354
Paid	96,552,898	8,131,783	987,208,741	622,446,595	489,045,793	168,712,848	737,007,460	622,557,454	3,731,663,573
Total									
Charges	2,081,336,961	170,798,891	4,799,206,865	13,749,197,065	4,184,209,777	955,555,690	2,722,154,478	4,291,282,611	32,953,742,338
Allowed	793,998,731	64,221,489	2,150,702,214	5,228,192,280	4,184,209,777	719,794,475	1,767,998,735	2,871,967,849	17,781,085,550
Paid	649,672,155	52,558,485	2,125,269,840	4,280,377,611	3,014,743,695	667,314,651	1,670,350,762	2,442,723,570	14,903,010,771

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Total West Virginia Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	4,075,120,875	4,349,249,390	4,623,456,493	4,893,465,696	5,177,053,239	5,474,616,030	5,789,032,216	6,117,684,064	6,463,475,950	6,825,926,172	7,227,591,232
Allowed	2,748,635,426	2,932,703,703	3,116,416,680	3,295,300,403	3,482,808,804	3,679,415,013	3,886,944,084	4,103,868,744	4,331,959,199	4,570,885,421	4,835,715,661
Paid	2,375,747,930	2,534,754,647	2,693,350,288	2,847,013,989	3,007,912,652	3,176,576,548	3,354,588,133	3,540,603,030	3,736,088,266	3,940,787,831	4,167,688,204
Inpatient											
Charges	8,348,654,938	8,910,200,432	9,494,256,270	10,100,611,277	10,746,672,152	11,434,699,906	12,165,756,056	12,938,124,022	13,759,527,217	14,631,427,700	15,553,484,610
Allowed	3,825,730,605	4,083,407,188	4,352,788,443	4,636,593,743	4,939,840,474	5,262,082,153	5,605,064,253	5,967,792,183	6,354,654,168	6,765,403,491	7,199,683,253
Paid	3,281,893,252	3,505,515,020	3,738,098,416	3,978,449,898	4,234,199,114	4,506,231,267	4,795,946,675	5,101,743,813	5,422,510,840	5,761,462,630	6,118,229,912
Outpatient											
Charges	7,112,563,611	7,573,712,847	8,053,451,306	8,545,083,281	9,062,509,677	9,607,928,931	10,185,574,386	10,793,300,599	11,435,012,076	12,110,646,308	12,829,069,264
Allowed	3,490,625,931	3,716,611,407	3,952,745,990	4,196,821,012	4,453,959,483	4,725,083,030	5,012,900,840	5,316,447,601	5,638,693,685	5,978,758,558	6,340,560,669
Paid	2,565,076,030	2,734,582,479	2,911,433,215	3,093,679,475	3,285,789,051	3,488,539,383	3,704,296,340	3,931,577,285	4,172,129,912	4,425,937,734	4,695,442,069
Professional											
Charges	4,803,643,968	5,103,176,470	5,412,988,349	5,735,950,063	6,077,420,870	6,436,497,471	6,817,087,271	7,217,854,011	7,645,138,707	8,098,427,969	8,586,359,726
Allowed	3,061,562,887	3,254,000,130	3,453,187,259	3,661,607,151	3,882,385,191	4,114,505,354	4,360,777,190	4,620,279,521	4,898,199,803	5,193,395,400	5,511,054,504
Paid	2,771,741,676	2,947,176,626	3,128,764,429	3,318,791,226	3,519,944,634	3,731,663,573	3,956,480,439	4,192,946,664	4,444,569,045	4,711,516,095	4,998,494,866
Total											
Charges	24,339,983,391	25,936,339,139	27,584,152,418	29,275,110,316	31,063,655,939	32,953,742,338	34,957,449,930	37,066,962,696	39,303,153,950	41,666,428,149	44,196,504,832
Allowed	13,126,554,849	13,986,722,427	14,875,138,371	15,790,322,309	16,758,993,952	17,781,085,550	18,865,686,367	20,008,388,049	21,223,506,854	22,508,442,870	23,887,014,087
Paid	10,994,458,887	11,722,028,771	12,471,646,348	13,237,934,589	14,047,845,451	14,903,010,771	15,811,311,587	16,766,870,793	17,775,298,062	18,839,704,290	19,979,855,052

Appendix K

Commercially Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	1,552,235,244	1,656,722,551	1,759,894,369	1,858,419,495	1,961,686,474	2,069,933,425	2,183,885,736	2,302,696,389	2,426,215,941	2,554,934,338	2,697,764,742
Allowed	995,978,981	1,062,913,753	1,129,021,307	1,192,194,953	1,258,449,621	1,327,888,125	1,400,926,380	1,477,125,325	1,556,503,772	1,639,300,873	1,731,172,425
Paid	791,441,804	844,781,919	897,465,441	947,751,843	1,000,477,035	1,055,759,376	1,113,936,882	1,174,615,691	1,237,854,250	1,303,851,822	1,377,087,087
Inpatient											
Charges	4,089,388,740	4,363,078,064	4,645,700,224	4,935,005,225	5,244,645,135	5,575,825,430	5,926,283,065	6,298,290,810	6,694,535,616	7,116,037,224	7,560,366,823
Allowed	1,125,269,523	1,200,996,335	1,279,200,361	1,359,393,730	1,445,226,581	1,536,603,869	1,632,690,467	1,734,217,459	1,840,370,045	1,952,495,012	2,070,344,140
Paid	1,014,169,883	1,082,357,921	1,152,794,496	1,225,097,232	1,302,685,731	1,385,263,408	1,471,958,156	1,563,680,316	1,659,899,611	1,761,542,401	1,868,312,880
Outpatient											
Charges	3,631,245,871	3,867,113,623	4,110,403,394	4,356,232,323	4,615,397,569	4,888,210,423	5,176,756,106	5,480,462,022	5,799,716,341	6,134,543,836	6,489,737,830
Allowed	1,178,884,531	1,255,907,619	1,335,318,787	1,415,351,626	1,499,666,772	1,588,390,608	1,682,321,699	1,781,175,941	1,884,949,328	1,993,562,059	2,108,724,245
Paid	901,049,497	960,330,722	1,021,512,005	1,083,252,751	1,148,342,072	1,216,908,232	1,289,543,618	1,366,008,211	1,446,420,329	1,530,610,081	1,619,831,417
Professional											
Charges	927,664,760	982,836,689	1,038,841,920	1,094,721,453	1,153,636,590	1,215,227,787	1,279,876,260	1,348,111,091	1,419,109,189	1,493,182,112	1,572,665,653
Allowed	590,360,429	625,823,275	661,837,885	697,798,664	735,711,503	775,309,678	816,850,946	860,662,232	906,269,562	953,855,787	1,004,920,792
Paid	474,323,146	502,706,661	531,539,109	560,336,234	590,719,557	622,446,595	655,700,910	690,782,693	727,333,947	765,471,857	806,397,757
Total											
Charges	10,200,534,615	10,869,750,928	11,554,839,907	12,244,378,497	12,975,365,769	13,749,197,065	14,566,801,167	15,429,560,312	16,339,577,087	17,298,697,511	18,320,535,049
Allowed	3,890,493,463	4,145,640,982	4,405,378,340	4,664,738,972	4,939,054,477	5,228,192,280	5,532,789,492	5,853,180,957	6,188,092,707	6,539,213,730	6,915,161,602
Paid	3,180,984,330	3,390,177,223	3,603,311,051	3,816,438,060	4,042,224,395	4,280,377,611	4,531,139,566	4,795,086,911	5,071,508,136	5,361,476,161	5,671,629,141

Appendix K

PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	237,681,401	254,265,685	270,428,739	284,893,975	299,745,234	315,236,414	331,365,915	347,800,129	364,093,897	380,753,983	399,390,229
Allowed	152,658,446	163,292,461	173,658,678	182,940,498	192,470,314	202,411,707	212,757,477	223,297,577	233,756,083	244,453,092	256,419,897
Paid	121,110,862	129,576,976	137,830,276	145,213,422	152,792,937	160,698,411	168,925,594	177,303,535	185,616,348	194,120,993	203,636,689
Inpatient											
Charges	611,920,683	655,181,833	699,110,713	741,158,262	784,811,438	830,779,414	879,079,556	928,692,490	978,144,352	1,029,131,018	1,083,019,546
Allowed	168,492,265	180,361,970	192,420,873	203,990,227	216,005,164	228,659,755	241,952,375	255,585,359	269,124,541	283,089,839	297,831,589
Paid	151,731,848	162,414,264	173,264,130	183,678,634	194,506,106	205,903,237	217,873,993	230,152,290	242,354,478	254,932,906	268,211,184
Outpatient											
Charges	557,403,903	594,823,226	632,952,881	669,407,546	707,175,087	746,857,837	788,417,385	831,250,301	874,514,902	919,246,066	966,679,939
Allowed	181,081,642	193,315,644	205,771,462	217,640,522	229,939,575	242,870,148	256,431,621	270,418,718	284,551,199	299,150,913	314,606,395
Paid	138,840,714	148,291,008	157,910,881	167,062,868	176,543,192	186,517,610	196,985,876	207,779,923	218,680,027	229,934,949	241,840,503
Professional											
Charges	143,921,593	152,747,889	161,667,078	170,231,034	179,126,382	188,463,296	198,210,115	208,279,450	218,534,001	229,145,580	240,536,486
Allowed	91,512,591	97,172,397	102,890,914	108,379,639	114,078,930	120,057,120	126,295,055	132,734,423	139,285,929	146,063,473	153,337,113
Paid	73,654,152	78,191,833	82,777,563	87,180,875	91,754,463	96,552,898	101,559,923	106,728,336	111,991,327	117,438,131	123,283,433
Total											
Charges	1,550,927,579	1,657,018,633	1,764,159,410	1,865,690,816	1,970,858,141	2,081,336,961	2,197,072,971	2,316,022,370	2,435,287,152	2,558,276,647	2,689,626,199
Allowed	593,744,944	634,142,473	674,741,927	712,950,886	752,493,983	793,998,731	837,436,528	882,036,077	926,717,752	972,757,318	1,022,194,993
Paid	485,337,576	518,474,082	551,782,850	583,135,799	615,596,698	649,672,155	685,345,386	721,964,084	758,642,180	796,426,979	836,971,809

Appendix K

Medicaid - Non-Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	654,081,262	692,572,647	730,304,739	764,764,609	800,176,231	837,020,402	875,220,730	914,941,861	955,701,960	997,585,077	1,044,397,705
Allowed	431,652,745	457,135,137	482,102,227	504,905,716	528,321,170	552,634,633	577,805,982	603,987,570	630,844,704	658,459,126	689,348,677
Paid	431,605,695	457,085,312	482,049,684	504,850,687	528,263,587	552,574,397	577,742,999	603,921,729	630,775,927	658,387,329	689,273,503
Inpatient											
Charges	848,143,690	899,658,370	952,415,204	1,002,825,250	1,055,005,389	1,109,619,998	1,166,539,076	1,226,003,163	1,287,380,016	1,351,112,115	1,418,874,891
Allowed	257,606,677	273,031,531	288,861,651	304,124,314	320,011,143	336,691,931	354,082,471	372,277,777	391,101,565	410,631,781	431,326,226
Paid	252,863,605	267,972,308	283,480,365	298,448,562	314,032,974	330,398,720	347,460,760	365,315,073	383,786,516	402,952,240	423,262,827
Outpatient											
Charges	642,307,805	679,857,133	718,530,942	756,025,612	794,626,176	834,967,515	876,955,579	920,935,749	966,509,965	1,014,133,235	1,064,982,645
Allowed	200,332,672	212,114,734	224,239,785	235,965,914	248,047,467	260,666,189	273,805,721	287,563,537	301,828,048	316,732,847	332,640,870
Paid	196,060,747	207,586,528	219,450,439	230,924,639	242,744,554	255,087,983	267,941,265	281,400,713	295,358,749	309,947,610	325,523,066
Professional											
Charges	1,566,825,343	1,654,966,686	1,744,827,821	1,832,296,920	1,922,796,912	2,017,598,951	2,115,603,020	2,218,023,266	2,324,512,795	2,435,927,212	2,556,335,284
Allowed	776,137,932	820,047,874	864,760,272	908,294,869	953,402,663	1,000,709,461	1,049,554,773	1,100,529,027	1,153,492,013	1,208,780,326	1,268,400,914
Paid	765,589,121	808,946,315	853,091,083	896,048,381	940,545,640	987,208,741	1,035,383,367	1,085,654,040	1,137,879,026	1,192,393,551	1,251,184,797
Total											
Charges	3,711,358,100	3,927,054,836	4,146,078,705	4,355,912,392	4,572,604,708	4,799,206,865	5,034,318,405	5,279,904,039	5,534,104,735	5,798,757,640	6,084,590,525
Allowed	1,665,730,026	1,762,329,276	1,859,963,935	1,953,290,812	2,049,782,442	2,150,702,214	2,255,248,948	2,364,357,912	2,477,266,330	2,594,604,080	2,721,716,687
Paid	1,646,119,168	1,741,590,464	1,838,071,571	1,930,272,269	2,025,586,754	2,125,269,840	2,228,528,390	2,336,291,554	2,447,800,218	2,563,680,730	2,689,244,193

Appendix K

Medicaid & Medicare Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	228,066,415	245,088,590	261,940,000	276,656,054	291,896,108	307,935,963	325,176,086	343,133,298	361,816,501	381,309,004	402,513,194
Allowed	185,663,819	199,710,311	213,560,916	225,350,705	237,523,806	250,330,695	264,100,862	278,424,808	293,302,929	308,784,279	325,580,064
Paid	185,663,819	199,710,311	213,560,916	225,350,705	237,523,806	250,330,695	264,100,862	278,424,808	293,302,929	308,784,279	325,580,064
Inpatient											
Charges	532,646,070	570,428,190	611,135,884	658,269,006	709,015,613	763,036,698	821,466,147	883,457,411	949,933,042	1,021,091,451	1,096,987,981
Allowed	348,259,406	372,934,693	399,279,525	429,178,474	461,307,719	495,402,850	532,404,237	571,629,417	613,836,647	659,209,538	707,602,882
Paid	285,032,017	306,627,292	328,983,228	350,662,820	373,528,227	397,717,395	423,902,896	451,397,087	480,402,519	511,075,776	543,340,957
Outpatient											
Charges	285,561,130	305,776,036	327,489,076	351,921,475	378,002,602	405,721,295	435,606,194	467,214,101	500,696,006	536,183,710	574,047,798
Allowed	197,577,859	211,626,939	226,641,697	243,456,229	261,413,344	280,440,242	300,973,502	322,641,180	345,624,630	370,085,909	396,171,392
Paid	202,617,966	217,332,930	232,757,755	249,223,922	266,783,904	285,295,212	305,352,892	326,414,592	348,905,938	372,966,686	398,495,679
Professional											
Charges	890,137,834	952,819,757	1,018,147,455	1,089,174,021	1,165,415,091	1,245,460,522	1,332,144,529	1,423,635,458	1,523,653,121	1,631,541,016	1,747,345,082
Allowed	531,266,438	568,663,529	607,504,003	649,504,569	694,592,632	741,824,948	793,003,136	846,947,752	906,020,289	969,887,194	1,038,458,909
Paid	529,393,481	566,456,377	604,871,364	646,208,185	690,584,397	737,007,460	787,312,455	840,329,365	898,521,258	961,487,926	1,029,100,612
Total											
Charges	1,936,411,449	2,074,112,573	2,218,712,415	2,376,020,556	2,544,329,415	2,722,154,478	2,914,392,955	3,117,440,267	3,336,098,670	3,570,125,181	3,820,894,055
Allowed	1,262,767,522	1,352,935,472	1,446,986,141	1,547,489,978	1,654,837,500	1,767,998,735	1,890,481,736	2,019,643,156	2,158,784,494	2,307,966,920	2,467,813,247
Paid	1,202,707,283	1,290,126,910	1,380,173,262	1,471,445,633	1,568,420,334	1,670,350,762	1,780,669,105	1,896,565,851	2,021,132,644	2,154,314,668	2,296,517,312

Appendix K

PEIA - Medicare Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	172,042,812	184,495,337	197,579,404	212,786,963	229,302,387	246,764,801	265,477,073	285,361,591	307,178,578	330,533,600	356,255,583
Allowed	110,163,237	118,128,427	126,494,780	136,205,700	146,752,662	157,900,446	169,843,214	182,537,424	196,484,240	211,415,782	227,861,081
Paid	96,699,804	103,716,111	111,083,523	119,618,642	128,887,188	138,680,831	149,167,809	160,310,117	172,550,131	185,645,953	200,068,397
Inpatient											
Charges	209,635,358	224,993,046	241,535,684	260,836,800	281,917,808	304,224,422	328,325,036	354,097,774	382,900,522	414,079,889	447,370,180
Allowed	169,341,346	181,633,926	194,895,426	210,393,033	227,372,248	245,309,366	264,648,045	285,401,380	308,883,567	334,317,396	361,485,050
Paid	157,635,733	169,514,268	182,259,651	197,015,734	212,953,203	229,938,292	248,384,072	267,878,509	288,674,457	311,065,806	334,858,268
Outpatient											
Charges	133,071,458	142,703,213	153,212,607	165,828,623	179,631,955	194,317,038	210,121,518	227,056,706	245,800,223	266,033,061	287,635,259
Allowed	99,374,928	106,529,775	114,343,473	123,751,426	134,054,619	145,007,776	156,787,444	169,421,889	183,454,888	198,609,792	214,794,829
Paid	88,606,737	95,253,815	102,464,976	110,936,462	120,153,612	129,982,680	140,596,129	151,902,518	164,183,017	177,385,734	191,446,880
Professional											
Charges	144,991,012	155,399,482	166,632,809	180,068,684	194,704,533	210,249,430	227,047,692	244,965,291	264,730,685	286,068,221	309,044,979
Allowed	118,609,328	127,076,713	136,207,904	147,094,958	158,975,524	171,576,886	185,187,105	199,738,627	215,939,495	233,448,875	252,306,315
Paid	115,420,218	123,956,284	133,170,300	144,139,663	156,042,808	168,712,848	182,414,882	196,952,132	212,671,427	229,554,789	247,709,721
Total											
Charges	659,740,640	707,591,078	758,960,504	819,521,070	885,556,683	955,555,690	1,030,971,319	1,111,481,362	1,200,610,009	1,296,714,770	1,400,306,000
Allowed	497,488,840	533,368,841	571,941,583	617,445,116	667,155,052	719,794,475	776,465,807	837,099,320	904,762,190	977,791,846	1,056,447,274
Paid	458,362,493	492,440,478	528,978,450	571,710,502	618,036,811	667,314,651	720,562,893	777,043,277	838,079,032	903,652,282	974,083,266

Appendix K

Medicare - Non-Dual Eligible and Non-PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	770,032,166	826,034,046	884,303,307	949,878,232	1,020,344,394	1,094,571,767	1,173,955,111	1,257,745,156	1,348,816,110	1,445,969,991	1,553,222,494
Allowed	417,625,726	447,959,727	479,521,392	515,011,770	553,156,638	593,324,246	636,273,960	681,616,937	730,972,482	783,631,493	841,766,604
Paid	340,879,397	365,695,339	391,498,425	420,404,612	451,447,640	484,118,786	519,031,806	555,865,222	595,933,475	638,662,705	685,844,233
Inpatient											
Charges	968,180,624	1,038,444,796	1,113,619,256	1,199,364,633	1,292,293,142	1,391,174,645	1,498,351,355	1,612,270,684	1,737,705,923	1,872,604,926	2,015,924,182
Allowed	704,775,017	755,304,076	809,437,847	871,220,006	938,419,462	1,009,930,716	1,087,395,491	1,170,020,114	1,262,044,203	1,360,999,361	1,466,056,679
Paid	597,436,400	641,069,530	687,371,351	739,120,020	794,656,047	854,000,413	918,733,904	987,600,516	1,060,446,058	1,138,032,399	1,219,600,906
Outpatient											
Charges	603,660,717	647,480,175	694,994,853	750,383,907	810,211,648	873,452,727	941,326,572	1,013,542,541	1,092,953,315	1,178,533,642	1,270,206,670
Allowed	404,586,612	433,776,267	465,487,374	502,632,627	542,821,587	585,309,269	630,912,455	679,461,873	733,019,710	790,756,470	852,601,163
Paid	333,050,783	357,803,499	384,443,705	414,776,287	447,412,635	482,046,917	519,398,867	559,045,852	601,860,636	647,749,208	696,602,890
Professional											
Charges	647,168,153	693,772,171	743,726,490	802,123,621	865,194,700	932,083,471	1,004,303,496	1,080,871,573	1,164,695,873	1,254,852,049	1,352,033,660
Allowed	474,966,943	509,098,664	545,673,714	588,349,256	634,522,105	683,403,618	736,141,879	792,173,093	854,095,602	920,796,194	992,737,595
Paid	430,389,247	462,047,220	495,918,622	535,213,133	577,519,728	622,557,454	671,257,388	722,675,300	777,881,725	836,915,730	900,311,181
Total											
Charges	2,989,041,660	3,205,731,188	3,436,643,905	3,701,750,394	3,988,043,884	4,291,282,611	4,617,936,533	4,964,429,954	5,344,171,221	5,751,960,608	6,191,387,005
Allowed	2,001,954,298	2,146,138,735	2,300,120,327	2,477,213,658	2,668,919,792	2,871,967,849	3,090,723,784	3,323,272,017	3,580,131,997	3,856,183,519	4,153,162,041
Paid	1,701,755,826	1,826,615,588	1,959,232,104	2,109,514,052	2,271,036,052	2,442,723,570	2,628,421,965	2,825,186,889	3,036,121,894	3,261,360,042	3,502,359,210

Appendix K

West Virginia Children's Health Insurance Program Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	16,992,463	18,157,775	19,390,983	20,581,950	21,677,501	22,962,149	24,322,168	25,469,669	26,673,753	27,905,675	29,247,629
Allowed	10,903,360	11,651,126	12,442,429	13,206,646	13,909,683	14,734,050	15,606,812	16,343,131	17,115,779	17,906,272	18,767,256
Paid	8,664,054	9,258,200	9,886,981	10,494,214	11,052,773	11,707,750	12,401,139	12,986,214	13,600,127	14,228,244	14,912,526
Inpatient											
Charges	50,704,170	54,178,120	58,006,554	61,885,419	65,510,166	69,745,834	74,250,395	78,155,131	82,270,679	86,514,816	90,920,715
Allowed	13,950,767	14,906,644	15,960,008	17,027,278	18,024,698	19,190,200	20,429,740	21,504,118	22,636,534	23,804,302	25,016,394
Paid	12,573,758	13,435,250	14,384,637	15,346,538	16,245,438	17,295,834	18,412,924	19,381,238	20,401,837	21,454,318	22,546,869
Outpatient											
Charges	45,190,278	48,290,311	51,702,908	55,162,687	58,401,078	62,183,341	66,209,276	69,691,404	73,364,010	77,149,133	81,064,976
Allowed	14,665,237	15,671,298	16,778,765	17,901,562	18,952,556	20,180,044	21,486,643	22,616,687	23,808,567	25,036,944	26,307,629
Paid	11,207,835	11,976,821	12,823,211	13,681,379	14,484,815	15,423,118	16,421,993	17,285,680	18,196,697	19,135,548	20,106,358
Professional											
Charges	11,610,190	12,407,056	13,275,448	14,146,090	14,958,347	15,907,567	16,917,029	17,784,186	18,697,927	19,637,734	20,620,000
Allowed	7,384,145	7,890,937	8,443,237	8,996,957	9,513,520	10,117,195	10,759,165	11,310,673	11,891,795	12,489,506	13,114,284
Paid	5,934,932	6,342,295	6,786,204	7,231,275	7,646,524	8,131,783	8,647,857	9,091,142	9,558,253	10,038,678	10,540,743
Total											
Charges	124,497,101	133,033,262	142,375,892	151,776,147	160,547,092	170,798,891	181,698,869	191,100,390	201,006,369	211,207,358	221,853,321
Allowed	46,903,509	50,120,006	53,624,438	57,132,443	60,400,458	64,221,489	68,282,360	71,774,609	75,452,676	79,237,024	83,205,564
Paid	38,380,579	41,012,566	43,881,033	46,753,406	49,429,549	52,558,485	55,883,913	58,744,274	61,756,914	64,856,789	68,106,497

Appendix K

Uninsured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	443,989,111	471,912,759	499,614,953	525,484,416	552,224,910	580,191,110	609,629,397	640,535,972	672,979,210	706,934,504	744,799,657
Allowed	443,989,111	471,912,759	499,614,953	525,484,416	552,224,910	580,191,110	609,629,397	640,535,972	672,979,210	706,934,504	744,799,657
Paid	399,682,494	424,930,477	449,975,042	473,329,864	497,467,686	522,706,302	549,281,042	577,175,714	606,455,079	637,106,506	671,285,704
Inpatient											
Charges	1,038,035,603	1,104,238,013	1,172,732,752	1,241,266,681	1,313,473,460	1,390,293,465	1,471,461,427	1,557,156,560	1,646,657,066	1,740,856,261	1,840,020,293
Allowed	1,038,035,603	1,104,238,013	1,172,732,752	1,241,266,681	1,313,473,460	1,390,293,465	1,471,461,427	1,557,156,560	1,646,657,066	1,740,856,261	1,840,020,293
Paid	810,450,008	862,124,188	915,560,559	969,080,359	1,025,591,388	1,085,713,969	1,149,219,970	1,216,338,785	1,286,545,365	1,360,406,782	1,438,096,021
Outpatient											
Charges	1,214,122,450	1,287,669,131	1,364,164,646	1,440,121,107	1,519,063,563	1,602,218,755	1,690,181,755	1,783,147,776	1,881,457,315	1,984,823,625	2,094,714,146
Allowed	1,214,122,450	1,287,669,131	1,364,164,646	1,440,121,107	1,519,063,563	1,602,218,755	1,690,181,755	1,783,147,776	1,881,457,315	1,984,823,625	2,094,714,146
Paid	693,641,751	736,007,156	780,070,243	823,821,166	869,324,268	917,277,631	968,055,700	1,021,739,798	1,078,524,518	1,138,207,918	1,201,595,277
Professional											
Charges	471,325,083	498,226,740	525,869,329	553,188,239	581,588,314	611,506,447	642,985,131	676,183,694	711,205,117	748,074,044	787,778,582
Allowed	471,325,083	498,226,740	525,869,329	553,188,239	581,588,314	611,506,447	642,985,131	676,183,694	711,205,117	748,074,044	787,778,582
Paid	377,037,379	398,529,640	420,610,184	442,433,480	465,131,516	489,045,793	514,203,656	540,733,656	568,732,080	598,215,434	629,966,622
Total											
Charges	3,167,472,246	3,362,046,643	3,562,381,680	3,760,060,444	3,966,350,247	4,184,209,777	4,414,257,711	4,657,024,002	4,912,298,707	5,180,688,434	5,467,312,678
Allowed	3,167,472,246	3,362,046,643	3,562,381,680	3,760,060,444	3,966,350,247	4,184,209,777	4,414,257,711	4,657,024,002	4,912,298,707	5,180,688,434	5,467,312,678
Paid	2,280,811,633	2,421,591,461	2,566,216,028	2,708,664,869	2,857,514,859	3,014,743,695	3,180,760,368	3,355,987,953	3,540,257,043	3,733,936,639	3,940,943,624

Appendix L

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Appendix L

Initiative VI - Electronic Medical Records

Allowed Charges by Insurance Coverage (in \$millions)						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$593.7	\$634.1	\$674.0	\$710.5	\$748.1	\$787.5
WV CHIP	46.9	50.1	53.6	56.9	60.0	63.7
Medicaid Non-Duals	1,665.7	1,762.3	1,858.2	1,947.7	2,040.0	2,136.3
Commercially Insured	3,890.5	4,145.6	4,400.2	4,648.4	4,910.3	5,185.5
Uninsured	3,167.5	3,362.0	3,557.2	3,743.5	3,937.3	4,141.4
PEIA Medicare	497.5	533.4	571.3	615.2	663.2	713.8
Medicare- & Medicaid Duals	1,262.8	1,352.9	1,445.1	1,541.6	1,644.2	1,752.1
<u>Medicare Non-Medicaid/PEIA</u>	<u>2,002.0</u>	<u>2,146.1</u>	<u>2,297.3</u>	<u>2,468.1</u>	<u>2,652.5</u>	<u>2,847.2</u>
West Virginia	\$13,126.6	\$13,986.7	\$14,856.8	\$15,731.9	\$16,655.6	\$17,627.5
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$828.7	\$870.8	\$912.7	\$955.8	\$1,003.2	
WV CHIP	67.5	70.8	74.3	77.8	81.6	
Medicaid Non-Duals	2,235.8	2,339.4	2,446.4	2,557.3	2,679.9	
Commercially Insured	5,474.8	5,778.2	6,094.4	6,424.9	6,786.2	
Uninsured	4,356.2	4,582.2	4,819.1	5,067.4	5,339.8	
PEIA Medicare	768.1	826.1	890.7	960.3	1,036.2	
Medicare- & Medicaid Duals	1,868.6	1,991.0	2,122.6	2,263.2	2,416.6	
<u>Medicare Non-Medicaid/PEIA</u>	<u>3,056.5</u>	<u>3,278.3</u>	<u>3,522.9</u>	<u>3,785.1</u>	<u>4,071.5</u>	
West Virginia	\$18,656.2	\$19,736.8	\$20,883.0	\$22,091.8	\$23,415.1	

Savings by Insurance Category						
<u>Insurance Category</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
PEIA Non-Medicare	\$0.0	\$0.0	\$1.7	\$5.4	\$9.6	\$14.2
WV CHIP	0.0	0.0	0.1	0.5	0.8	1.1
Medicaid Non-Duals	0.0	0.0	4.7	14.9	26.1	38.5
Commercially Insured	0.0	0.0	11.3	35.7	63.0	93.5
Uninsured	0.0	0.0	9.0	28.8	50.6	74.6
PEIA Medicare	0.0	0.0	1.4	4.7	8.5	12.8
Medicare- & Medicaid Duals	0.0	0.0	3.7	11.8	21.1	31.6
<u>Medicare Non-Medicaid/PEIA</u>	<u>0.0</u>	<u>0.0</u>	<u>5.8</u>	<u>18.9</u>	<u>34.0</u>	<u>51.3</u>
West Virginia	\$0.0	\$0.0	\$37.9	\$120.8	\$213.8	\$317.6
<u>Insurance Category</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	
PEIA Non-Medicare	\$19.2	\$24.8	\$30.8	\$37.3	\$41.8	
WV CHIP	1.6	2.0	2.5	3.0	3.4	
Medicaid Non-Duals	51.9	66.6	82.5	99.7	111.7	
Commercially Insured	127.1	164.4	205.5	250.7	282.8	
Uninsured	101.2	130.4	162.5	197.7	222.5	
PEIA Medicare	17.8	23.5	30.0	37.4	43.2	
Medicare- & Medicaid Duals	43.4	56.7	71.5	88.3	100.7	
<u>Medicare Non-Medicaid/PEIA</u>	<u>71.0</u>	<u>93.3</u>	<u>118.8</u>	<u>147.7</u>	<u>169.6</u>	
West Virginia	\$433.3	\$561.7	\$704.2	\$861.7	\$975.7	

Appendix L

2014 West Virginia Health Care Expenditures									
	<u>PEIA Non-Medicare</u>	<u>West Virginia CHIP</u>	<u>Medicaid Non-Duals</u>	<u>Commercially Insured</u>	<u>Uninsured</u>	<u>PEIA Medicare</u>	<u>Medicare and Medicaid Duals</u>	<u>Medicare Non- Medicaid/PEIA</u>	<u>Total Population</u>
Drugs									
Charges	316,683,289	23,067,541	840,862,167	2,079,434,027	582,854,078	247,897,404	309,349,331	1,099,595,644	5,499,743,482
Allowed	203,340,738	14,801,676	555,171,121	1,333,982,880	582,854,078	158,625,180	251,479,666	596,047,493	3,696,302,832
Paid	161,435,986	11,761,487	555,110,609	1,060,605,112	525,105,425	139,317,350	251,479,666	486,340,799	3,191,156,434
Inpatient									
Charges	819,672,418	68,813,376	1,094,785,079	5,501,280,165	1,371,706,119	300,157,133	752,835,379	1,372,575,519	11,281,825,188
Allowed	225,602,719	18,933,639	332,190,573	1,516,060,446	1,371,706,119	242,029,735	488,779,627	996,428,580	5,191,731,437
Paid	203,150,440	17,064,599	325,981,497	1,366,743,311	1,071,198,658	226,864,163	392,400,164	842,582,967	4,445,985,800
Outpatient									
Charges	736,872,820	61,351,989	823,804,526	4,822,858,137	1,580,798,102	191,719,142	400,297,057	861,775,216	9,479,476,988
Allowed	239,623,127	19,910,250	257,181,247	1,567,154,828	1,580,798,102	143,069,114	276,690,933	577,484,054	4,661,911,654
Paid	184,023,988	15,216,920	251,677,617	1,200,638,937	905,014,208	128,244,894	281,480,995	475,602,254	3,441,899,814
Professional									
Charges	186,771,284	15,764,750	1,999,485,076	1,204,317,550	606,016,382	208,361,824	1,234,278,857	923,715,285	6,378,711,008
Allowed	118,979,255	10,026,363	991,725,156	768,348,997	606,016,382	170,036,480	735,164,891	677,268,064	4,077,565,588
Paid	95,686,052	8,058,777	978,345,644	616,858,309	484,655,171	167,198,155	730,390,654	616,968,173	3,698,160,936
Total									
Charges	2,059,999,811	168,997,656	4,758,936,849	13,607,889,878	4,141,374,680	948,135,503	2,696,760,625	4,257,661,664	32,639,756,666
Allowed	787,545,840	63,671,928	2,136,268,096	5,185,547,151	4,141,374,680	713,760,508	1,752,115,117	2,847,228,190	17,627,511,511
Paid	644,296,466	52,101,783	2,111,115,368	4,244,845,669	2,985,973,463	661,624,561	1,655,751,480	2,421,494,194	14,777,202,984

Appendix L

Total West Virginia Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	4,075,120,875	4,349,249,390	4,626,474,618	4,903,073,574	5,194,011,976	5,499,743,482	5,823,219,878	6,161,872,686	6,518,689,072	6,893,252,223	7,303,671,140
Allowed	2,748,635,426	2,932,703,703	3,118,451,031	3,301,770,428	3,494,217,618	3,696,302,832	3,909,898,789	4,133,511,383	4,368,964,208	4,615,969,364	4,886,617,931
Paid	2,375,747,930	2,534,754,647	2,695,108,467	2,852,603,844	3,017,765,824	3,191,156,434	3,374,398,962	3,566,177,147	3,768,003,152	3,979,656,942	4,211,558,606
Inpatient											
Charges	8,348,654,938	8,910,200,432	9,476,043,165	10,042,532,424	10,643,858,440	11,281,825,188	11,957,026,819	12,667,325,027	13,419,817,837	14,215,407,689	15,082,166,895
Allowed	3,825,730,605	4,083,407,188	4,344,438,363	4,609,933,174	4,892,580,883	5,191,731,437	5,508,897,539	5,842,884,421	6,197,763,921	6,573,040,634	6,981,511,033
Paid	3,281,893,252	3,505,515,020	3,730,927,514	3,955,573,678	4,193,690,413	4,445,985,800	4,713,662,082	4,994,962,715	5,288,634,307	5,597,645,141	5,932,829,006
Outpatient											
Charges	7,112,563,611	7,573,712,847	8,038,002,138	8,495,948,766	8,975,808,395	9,479,476,988	10,010,819,347	10,567,393,432	11,152,692,720	11,766,300,471	12,440,309,589
Allowed	3,490,625,931	3,716,611,407	3,945,163,323	4,172,689,151	4,411,348,329	4,661,911,654	4,926,893,940	5,205,172,685	5,499,479,807	5,808,762,625	6,148,422,467
Paid	2,565,076,030	2,734,582,479	2,905,848,129	3,075,890,715	3,254,353,816	3,441,899,814	3,640,741,313	3,849,288,139	4,069,124,072	4,300,093,646	4,553,155,946
Professional											
Charges	4,803,643,968	5,103,176,470	5,406,030,380	5,713,831,067	6,038,401,577	6,378,711,008	6,738,493,630	7,116,274,741	7,518,143,778	7,943,403,539	8,411,127,895
Allowed	3,061,562,887	3,254,000,130	3,448,748,459	3,647,487,246	3,857,458,840	4,077,565,588	4,310,502,146	4,555,256,784	4,816,834,825	5,093,980,654	5,398,584,003
Paid	2,771,741,676	2,947,176,626	3,124,742,649	3,305,993,288	3,497,345,286	3,698,160,936	3,910,866,500	4,133,937,925	4,370,739,419	4,621,325,740	4,896,484,767
Total											
Charges	24,339,983,391	25,936,339,139	27,546,550,300	29,155,385,831	30,852,080,388	32,639,756,666	34,529,559,674	36,512,865,886	38,609,343,407	40,818,363,923	43,237,275,519
Allowed	13,126,554,849	13,986,722,427	14,856,801,177	15,731,879,998	16,655,605,669	17,627,511,511	18,656,192,414	19,736,825,274	20,883,042,762	22,091,753,277	23,415,135,435
Paid	10,994,458,887	11,722,028,771	12,456,626,760	13,190,061,526	13,963,155,338	14,777,202,984	15,639,668,856	16,544,365,927	17,496,500,949	18,498,721,469	19,594,028,325

Appendix L

Commercially Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	1,552,235,244	1,656,722,551	1,761,043,202	1,862,068,334	1,968,112,470	2,079,434,027	2,196,782,874	2,319,328,987	2,446,941,469	2,580,134,382	2,726,162,266
Allowed	995,978,981	1,062,913,753	1,129,758,315	1,194,535,720	1,262,571,988	1,333,982,880	1,409,199,680	1,487,794,744	1,569,799,935	1,655,469,764	1,749,395,293
Paid	791,441,804	844,781,919	898,051,294	949,612,668	1,003,754,348	1,060,605,112	1,120,515,338	1,183,100,054	1,248,428,405	1,316,712,083	1,391,582,741
Inpatient											
Charges	4,089,388,740	4,363,078,064	4,636,788,244	4,906,628,780	5,194,469,469	5,501,280,165	5,824,605,164	6,166,465,607	6,529,254,026	6,913,704,687	7,331,264,798
Allowed	1,125,269,523	1,200,996,335	1,276,746,434	1,351,577,170	1,431,400,058	1,516,060,446	1,604,678,215	1,697,919,743	1,794,933,094	1,896,979,104	2,007,606,439
Paid	1,014,169,883	1,082,357,921	1,150,583,057	1,218,052,882	1,290,222,900	1,366,743,311	1,446,703,605	1,530,951,997	1,618,918,299	1,711,455,909	1,811,697,338
Outpatient											
Charges	3,631,245,871	3,867,113,623	4,102,518,288	4,331,183,842	4,571,241,932	4,822,858,137	5,087,937,923	5,365,754,233	5,656,526,970	5,960,118,411	6,293,079,108
Allowed	1,178,884,531	1,255,907,619	1,332,757,207	1,407,213,307	1,485,319,419	1,567,154,828	1,653,457,917	1,743,895,370	1,838,411,758	1,936,878,478	2,044,823,510
Paid	901,049,497	960,330,722	1,019,552,409	1,077,024,012	1,137,355,851	1,200,638,937	1,267,418,774	1,337,417,230	1,410,709,614	1,487,089,761	1,570,745,616
Professional											
Charges	927,664,760	982,836,689	1,037,506,571	1,090,499,984	1,146,229,816	1,204,317,550	1,265,120,671	1,329,138,674	1,395,536,083	1,464,598,824	1,540,570,436
Allowed	590,360,429	625,823,275	660,987,145	695,107,810	730,987,963	768,348,997	807,433,538	848,549,845	891,215,337	935,596,570	984,412,204
Paid	474,323,146	502,706,661	530,855,857	558,175,463	586,926,919	616,858,309	648,141,388	681,061,077	715,252,057	750,818,786	789,940,660
Total											
Charges	10,200,534,615	10,869,750,928	11,537,856,305	12,190,380,940	12,880,053,688	13,607,889,878	14,374,446,631	15,180,687,501	16,028,258,548	16,918,556,304	17,891,076,608
Allowed	3,890,493,463	4,145,640,982	4,400,249,101	4,648,434,007	4,910,279,428	5,185,547,151	5,474,769,349	5,778,159,702	6,094,360,124	6,424,923,916	6,786,237,446
Paid	3,180,984,330	3,390,177,223	3,599,042,617	3,802,865,025	4,018,260,018	4,244,845,669	4,482,779,106	4,732,530,358	4,993,308,375	5,266,076,539	5,563,966,355

Appendix L

PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	237,681,401	254,265,685	270,605,271	285,453,339	300,727,125	316,683,289	333,322,827	350,312,323	367,204,106	384,509,468	403,594,336
Allowed	152,658,446	163,292,461	173,772,040	183,299,685	193,100,799	203,340,738	214,013,935	224,910,477	235,752,904	246,864,202	259,119,053
Paid	121,110,862	129,576,976	137,920,249	145,498,535	153,293,448	161,435,986	169,923,200	178,584,216	187,201,944	196,035,663	205,780,233
Inpatient											
Charges	611,920,683	655,181,833	697,769,588	736,896,577	777,303,125	819,672,418	863,997,089	909,254,665	953,994,917	999,869,410	1,050,200,772
Allowed	168,492,265	180,361,970	192,051,746	202,817,277	213,938,636	225,602,719	237,801,171	250,235,878	262,480,117	275,040,656	288,806,389
Paid	151,731,848	162,414,264	172,931,752	182,622,476	192,645,260	203,150,440	214,135,905	225,335,131	236,370,981	247,684,318	260,083,572
Outpatient											
Charges	557,403,903	594,823,226	631,738,669	665,558,430	700,409,523	736,872,820	774,890,420	813,851,971	852,923,977	893,108,852	937,386,607
Allowed	181,081,642	193,315,644	205,376,725	216,389,081	227,739,737	239,623,127	252,031,995	264,758,769	277,525,906	290,645,061	305,072,868
Paid	138,840,714	148,291,008	157,607,956	166,102,251	174,854,199	184,023,988	193,606,167	203,431,024	213,281,029	223,397,136	234,512,003
Professional											
Charges	143,921,593	152,747,889	161,459,267	169,574,588	177,976,325	186,771,284	195,924,967	205,348,264	214,903,889	224,759,153	235,627,578
Allowed	91,512,591	97,172,397	102,758,656	107,961,705	113,346,501	118,979,255	124,839,010	130,866,407	136,972,222	143,267,448	150,207,784
Paid	73,654,152	78,191,833	82,671,159	86,844,687	91,165,366	95,686,052	100,389,047	105,226,312	110,131,017	115,190,068	120,767,445
Total											
Charges	1,550,927,579	1,657,018,633	1,761,572,795	1,857,482,934	1,956,416,098	2,059,999,811	2,168,135,303	2,278,767,223	2,389,026,889	2,502,246,883	2,626,809,294
Allowed	593,744,944	634,142,473	673,959,167	710,467,748	748,125,673	787,545,840	828,686,112	870,771,531	912,731,149	955,817,368	1,003,206,095
Paid	485,337,576	518,474,082	551,131,117	581,067,950	611,958,273	644,296,466	678,054,319	712,576,683	746,984,971	782,307,185	821,143,253

Appendix L

Medicaid - Non-Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	654,081,262	692,572,647	730,781,471	766,266,156	802,797,409	840,862,167	880,389,426	921,550,574	963,865,878	1,007,424,542	1,055,391,365
Allowed	431,652,745	457,135,137	482,416,936	505,897,053	530,051,818	555,171,121	581,218,268	608,350,231	636,233,585	664,953,695	696,604,979
Paid	431,605,695	457,085,312	482,364,359	505,841,916	529,994,047	555,110,609	581,154,913	608,283,914	636,164,221	664,881,191	696,529,014
Inpatient											
Charges	848,143,690	899,658,370	950,588,158	997,058,972	1,044,912,123	1,094,785,079	1,146,524,635	1,200,342,532	1,255,595,853	1,312,695,517	1,375,878,682
Allowed	257,606,677	273,031,531	288,307,519	302,375,589	316,949,587	332,190,573	348,007,439	364,485,886	381,445,647	398,956,158	418,255,734
Paid	252,863,605	267,972,308	282,936,556	296,732,473	311,028,611	325,981,497	341,499,336	357,668,914	374,311,199	391,494,972	410,436,681
Outpatient											
Charges	642,307,805	679,857,133	717,152,563	751,678,440	787,023,965	823,804,526	861,909,554	901,660,275	942,647,771	985,298,064	1,032,710,444
Allowed	200,332,672	212,114,734	223,809,619	234,609,102	245,674,390	257,181,247	269,108,006	281,544,742	294,376,207	307,727,081	322,560,844
Paid	196,060,747	207,586,528	219,029,461	229,596,814	240,422,210	251,677,617	263,344,167	275,510,907	288,066,628	301,134,771	315,658,730
Professional											
Charges	1,566,825,343	1,654,966,686	1,742,584,983	1,825,231,209	1,910,451,844	1,999,485,076	2,091,212,405	2,186,808,284	2,285,899,847	2,389,297,394	2,504,165,176
Allowed	776,137,932	820,047,874	863,648,691	904,792,298	947,281,465	991,725,156	1,037,454,542	1,085,040,914	1,134,331,127	1,185,641,208	1,242,515,181
Paid	765,589,121	808,946,315	851,994,502	892,593,036	934,506,989	978,345,644	1,023,446,517	1,070,375,268	1,118,977,490	1,169,568,117	1,225,650,413
Total											
Charges	3,711,358,100	3,927,054,836	4,141,107,174	4,340,234,776	4,545,185,341	4,758,936,849	4,980,036,021	5,210,361,665	5,448,009,349	5,694,715,517	5,968,145,667
Allowed	1,665,730,026	1,762,329,276	1,858,182,766	1,947,674,041	2,039,957,260	2,136,268,096	2,235,788,255	2,339,421,774	2,446,386,565	2,557,278,143	2,679,936,738
Paid	1,646,119,168	1,741,590,464	1,836,324,878	1,924,764,238	2,015,951,857	2,111,115,368	2,209,444,933	2,311,839,002	2,417,519,538	2,527,079,051	2,648,274,838

Appendix L

Medicaid & Medicare Dual Eligibles Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	228,066,415	245,088,590	262,110,991	277,199,244	292,852,287	309,349,331	327,096,443	345,611,783	364,907,255	385,069,963	406,750,175
Allowed	185,663,819	199,710,311	213,700,325	225,793,161	238,301,874	251,479,666	265,660,534	280,435,897	295,808,418	311,829,906	329,007,222
Paid	185,663,819	199,710,311	213,700,325	225,793,161	238,301,874	251,479,666	265,660,534	280,435,897	295,808,418	311,829,906	329,007,222
Inpatient											
Charges	532,646,070	570,428,190	609,963,524	654,483,938	702,232,441	752,835,379	807,372,160	864,966,370	926,480,117	992,058,435	1,063,745,921
Allowed	348,259,406	372,934,693	398,513,576	426,710,684	456,894,375	488,779,627	523,269,718	559,665,034	598,681,615	640,466,025	686,160,370
Paid	285,032,017	306,627,292	328,352,130	348,646,497	369,954,672	392,400,164	416,629,946	441,949,204	468,541,847	496,544,197	526,876,079
Outpatient											
Charges	285,561,130	305,776,036	326,860,844	349,897,914	374,386,241	400,297,057	428,132,450	457,435,163	488,334,308	520,938,229	556,652,410
Allowed	197,577,859	211,626,939	226,206,924	242,056,348	258,912,395	276,690,933	295,809,666	315,888,199	337,091,493	359,563,140	384,166,198
Paid	202,617,966	217,332,930	232,311,249	247,790,876	264,231,574	281,480,995	300,113,918	319,582,632	340,291,789	362,362,006	386,420,052
Professional											
Charges	890,137,834	952,819,757	1,016,838,707	1,084,973,943	1,157,932,694	1,234,278,857	1,316,786,343	1,403,600,160	1,498,343,414	1,600,309,187	1,711,684,979
Allowed	531,266,438	568,663,529	606,723,105	646,999,947	690,133,090	735,164,891	783,860,667	835,028,374	890,970,205	951,321,096	1,017,265,870
Paid	529,393,481	566,456,377	604,093,850	643,716,274	686,150,589	730,390,654	778,235,594	828,503,129	883,595,742	943,082,612	1,008,098,559
Total											
Charges	1,936,411,449	2,074,112,573	2,215,774,066	2,366,555,039	2,527,403,663	2,696,760,625	2,879,387,397	3,071,613,476	3,278,065,094	3,498,375,815	3,738,833,484
Allowed	1,262,767,522	1,352,935,472	1,445,143,929	1,541,560,139	1,644,241,735	1,752,115,117	1,868,600,585	1,991,017,503	2,122,551,731	2,263,180,166	2,416,599,662
Paid	1,202,707,283	1,290,126,910	1,378,457,553	1,465,946,809	1,558,638,711	1,655,751,480	1,760,639,992	1,870,470,862	1,988,237,796	2,113,818,721	2,250,401,913

Appendix L

PEIA - Medicare Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	172,042,812	184,495,337	197,708,381	213,204,751	230,053,524	247,897,404	267,044,872	287,422,785	309,802,598	333,793,747	360,005,641
Allowed	110,163,237	118,128,427	126,577,354	136,473,127	147,233,387	158,625,180	170,846,239	183,855,910	198,162,672	213,501,036	230,259,618
Paid	96,699,804	103,716,111	111,156,037	119,853,503	129,309,390	139,317,350	150,048,733	161,468,053	174,024,111	187,477,031	202,174,380
Inpatient											
Charges	209,635,358	224,993,046	241,072,339	259,336,980	279,220,693	300,157,133	322,691,926	346,686,396	373,447,080	402,306,224	433,813,508
Allowed	169,341,346	181,633,926	194,521,553	209,183,266	225,196,971	242,029,735	260,107,449	279,427,839	301,257,531	324,811,644	350,530,957
Paid	157,635,733	169,514,268	181,910,017	195,882,887	210,915,874	226,864,163	244,122,519	262,271,728	281,547,364	302,221,174	324,711,048
Outpatient											
Charges	133,071,458	142,703,213	152,918,694	164,875,103	177,913,411	191,719,142	206,516,440	222,304,338	239,731,654	258,468,859	278,919,039
Allowed	99,374,928	106,529,775	114,124,125	123,039,851	132,772,115	143,069,114	154,097,424	165,875,836	178,925,565	192,962,657	208,285,895
Paid	88,606,737	95,253,815	102,268,415	110,298,574	119,004,099	128,244,894	138,183,906	148,723,151	160,129,498	172,342,069	185,645,460
Professional											
Charges	144,991,012	155,399,482	166,418,616	179,374,302	193,454,458	208,361,824	224,430,078	241,517,813	260,333,191	280,592,150	302,737,938
Allowed	118,609,328	127,076,713	136,032,820	146,527,730	157,954,842	170,036,480	183,052,098	196,927,638	212,352,481	228,980,072	247,157,206
Paid	115,420,218	123,956,284	132,999,120	143,583,831	155,040,955	167,198,155	180,311,836	194,180,359	209,138,700	225,160,529	242,654,420
Total											
Charges	659,740,640	707,591,078	758,118,031	816,791,136	880,642,086	948,135,503	1,020,683,316	1,097,931,332	1,183,314,522	1,275,160,980	1,375,476,127
Allowed	497,488,840	533,368,841	571,255,851	615,223,974	663,157,315	713,760,508	768,103,209	826,087,223	890,698,249	960,255,410	1,036,233,677
Paid	458,362,493	492,440,478	528,333,588	569,618,795	614,270,318	661,624,561	712,666,994	766,643,290	824,839,673	887,200,804	955,185,308

Appendix L

Medicare - Non-Dual Eligible and Non-PEIA Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	770,032,166	826,034,046	884,880,567	951,743,232	1,023,686,788	1,099,595,644	1,180,888,010	1,266,829,970	1,360,338,138	1,460,232,004	1,569,572,204
Allowed	417,625,726	447,959,727	479,834,416	516,022,949	554,968,641	596,047,493	640,031,534	686,540,321	737,216,688	791,360,673	850,627,305
Paid	340,879,397	365,695,339	391,753,990	421,230,038	452,926,470	486,340,799	522,096,996	559,880,290	601,024,133	644,962,017	693,063,646
Inpatient											
Charges	968,180,624	1,038,444,796	1,111,482,968	1,192,468,247	1,279,929,738	1,372,575,519	1,472,643,973	1,578,525,353	1,694,803,649	1,819,360,558	1,954,835,570
Allowed	704,775,017	755,304,076	807,885,079	866,210,462	929,441,577	996,428,580	1,068,738,925	1,145,531,226	1,230,885,556	1,322,301,636	1,421,630,719
Paid	597,436,400	641,069,530	686,052,747	734,870,055	787,053,551	842,582,967	902,971,084	966,929,728	1,034,264,673	1,105,674,364	1,182,643,302
Outpatient											
Charges	603,660,717	647,480,175	693,661,624	746,069,174	802,460,330	861,775,216	925,176,127	992,328,777	1,065,969,358	1,145,024,022	1,231,715,559
Allowed	404,586,612	433,776,267	464,594,416	499,742,472	537,628,398	577,484,054	620,087,819	665,240,523	714,922,164	768,272,641	826,764,764
Paid	333,050,783	357,803,499	383,706,216	412,391,310	443,132,226	475,602,254	510,487,482	547,344,847	587,001,281	629,331,550	675,493,712
Professional											
Charges	647,168,153	693,772,171	742,770,488	799,030,469	859,639,830	923,715,285	992,724,963	1,065,660,107	1,145,348,877	1,230,831,002	1,324,441,136
Allowed	474,966,943	509,098,664	544,972,294	586,080,461	630,448,238	677,268,064	727,654,959	781,024,577	839,908,049	903,169,822	972,477,644
Paid	430,389,247	462,047,220	495,281,158	533,149,242	573,811,838	616,968,173	663,518,516	712,504,849	764,960,176	820,895,042	881,937,484
Total											
Charges	2,989,041,660	3,205,731,188	3,432,795,647	3,689,311,122	3,965,716,686	4,257,661,664	4,571,433,073	4,903,344,207	5,266,460,022	5,655,447,586	6,080,564,469
Allowed	2,001,954,298	2,146,138,735	2,297,286,205	2,468,056,344	2,652,486,854	2,847,228,190	3,056,513,237	3,278,336,647	3,522,932,457	3,785,104,773	4,071,500,432
Paid	1,701,755,826	1,826,615,588	1,956,794,110	2,101,640,645	2,256,924,085	2,421,494,194	2,599,074,078	2,786,659,713	2,987,250,264	3,200,862,973	3,433,138,144

Appendix L

West Virginia Children's Health Insurance Program Insured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	16,992,463	18,157,775	19,403,641	20,622,360	21,748,511	23,067,541	24,465,805	25,653,639	26,901,609	28,180,916	29,555,499
Allowed	10,903,360	11,651,126	12,450,551	13,232,576	13,955,248	14,801,676	15,698,979	16,461,179	17,261,988	18,082,886	18,964,807
Paid	8,664,054	9,258,200	9,893,435	10,514,819	11,088,979	11,761,487	12,474,375	13,080,014	13,716,304	14,368,581	15,069,500
Inpatient											
Charges	50,704,170	54,178,120	57,895,279	61,529,576	64,883,428	68,813,376	72,976,473	76,519,319	80,239,495	84,054,913	88,165,542
Allowed	13,950,767	14,906,644	15,929,391	16,929,370	17,852,256	18,933,639	20,079,224	21,054,030	22,077,660	23,127,467	24,258,322
Paid	12,573,758	13,435,250	14,357,043	15,258,295	16,090,017	17,064,599	18,097,012	18,975,582	19,898,136	20,844,301	21,863,631
Outpatient											
Charges	45,190,278	48,290,311	51,603,725	54,845,500	57,842,353	61,351,989	65,073,316	68,232,741	71,552,724	74,955,527	78,608,462
Allowed	14,665,237	15,671,298	16,746,578	17,798,627	18,771,237	19,910,250	21,117,994	22,143,312	23,220,756	24,325,060	25,510,428
Paid	11,207,835	11,976,821	12,798,611	13,602,711	14,346,238	15,216,920	16,140,239	16,923,885	17,747,438	18,591,461	19,497,075
Professional											
Charges	11,610,190	12,407,056	13,258,383	14,091,540	14,862,309	15,764,750	16,721,994	17,533,904	18,387,332	19,261,818	20,199,183
Allowed	7,384,145	7,890,937	8,432,383	8,962,263	9,452,440	10,026,363	10,635,124	11,151,494	11,694,258	12,250,425	12,846,646
Paid	5,934,932	6,342,295	6,777,481	7,203,390	7,597,430	8,058,777	8,548,156	8,963,200	9,399,479	9,846,512	10,325,626
Total											
Charges	124,497,101	133,033,262	142,161,027	151,088,977	159,336,602	168,997,656	179,237,588	187,939,603	197,081,160	206,453,175	216,528,687
Allowed	46,903,509	50,120,006	53,558,903	56,922,837	60,031,180	63,671,928	67,531,322	70,810,015	74,254,663	77,785,839	81,580,202
Paid	38,380,579	41,012,566	43,826,570	46,579,213	49,122,665	52,101,783	55,259,782	57,942,682	60,761,357	63,650,855	66,755,832

Appendix L

Uninsured Health Care Expenditures											
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Drugs											
Charges	443,989,111	471,912,759	499,941,094	526,516,158	554,033,862	582,854,078	613,229,620	645,162,625	678,728,018	713,907,200	752,639,654
Allowed	443,989,111	471,912,759	499,941,094	526,516,158	554,033,862	582,854,078	613,229,620	645,162,625	678,728,018	713,907,200	752,639,654
Paid	399,682,494	424,930,477	450,268,779	474,259,204	499,097,266	525,105,425	552,524,872	581,344,710	611,635,617	643,390,469	678,351,870
Inpatient											
Charges	1,038,035,603	1,104,238,013	1,170,483,065	1,234,129,356	1,300,907,423	1,371,706,119	1,446,215,399	1,524,564,785	1,606,002,700	1,691,357,944	1,784,262,102
Allowed	1,038,035,603	1,104,238,013	1,170,483,065	1,234,129,356	1,300,907,423	1,371,706,119	1,446,215,399	1,524,564,785	1,606,002,700	1,691,357,944	1,784,262,102
Paid	810,450,008	862,124,188	913,804,213	963,508,115	1,015,779,527	1,071,198,658	1,129,502,674	1,190,880,432	1,254,781,808	1,321,725,906	1,394,517,354
Outpatient											
Charges	1,214,122,450	1,287,669,131	1,361,547,730	1,431,840,363	1,504,530,639	1,580,798,102	1,661,183,118	1,745,825,933	1,835,005,959	1,928,388,507	2,031,237,960
Allowed	1,214,122,450	1,287,669,131	1,361,547,730	1,431,840,363	1,504,530,639	1,580,798,102	1,661,183,118	1,745,825,933	1,835,005,959	1,928,388,507	2,031,237,960
Paid	693,641,751	736,007,156	778,573,812	819,084,167	861,007,419	905,014,208	951,446,660	1,000,354,463	1,051,896,794	1,105,844,892	1,165,183,299
Professional											
Charges	471,325,083	498,226,740	525,193,366	551,055,032	577,854,301	606,016,382	635,572,208	666,667,536	699,391,146	733,754,011	771,701,468
Allowed	471,325,083	498,226,740	525,193,366	551,055,032	577,854,301	606,016,382	635,572,208	666,667,536	699,391,146	733,754,011	771,701,468
Paid	377,037,379	398,529,640	420,069,523	440,727,366	462,145,200	484,655,171	508,275,444	533,123,730	559,284,758	586,764,075	617,110,161
Total											
Charges	3,167,472,246	3,362,046,643	3,557,165,254	3,743,540,909	3,937,326,225	4,141,374,680	4,356,200,345	4,582,220,879	4,819,127,823	5,067,407,663	5,339,841,184
Allowed	3,167,472,246	3,362,046,643	3,557,165,254	3,743,540,909	3,937,326,225	4,141,374,680	4,356,200,345	4,582,220,879	4,819,127,823	5,067,407,663	5,339,841,184
Paid	2,280,811,633	2,421,591,461	2,562,716,326	2,697,578,851	2,838,029,411	2,985,973,463	3,141,749,651	3,305,703,336	3,477,598,976	3,657,725,341	3,855,162,683