# State and Public School Life And Health Insurance Board Minutes March 9, 2010 

The 105th meeting of the State and Public School Life and Health Insurance Board (hereinafter called the Board), met on Tuesday, March 9, 2010 at 1:00 p.m. in the EBD Board Room, 501 Woodlane, Suite 500, Little Rock, AR 72201.

## MEMBERS PRESENT

Janis Harrison
Renee Mallory
John Kirtley
Dr. Andrew Kumpuris
Anita Woodall
Shelby McCook
Bob Alexander
Lloyd Black
Vance Strange
William Goff
Robert Watson
Dr. Joseph Thompson

MEMBERS ABSENT

Jason Lee, Executive Director, Employee Benefits Division.

## OTHERS PRESENT:

John Coberg, Karen Mallett, CHEIRON; Scott Pace, AR Pharmacy Association; Leigh Ann Chrouch, Michelle Hazelett, Doug Shackelford, Amy Tustison, Stella Greene, Donna Cook, Paige Harrington, Sherri Saxby, Jane Young, Amy Redd, Tracy Collins, Sherry Bryant, Shannon Roberts, Florence Marvin, Lori Eden, Kathy Johnson, Cathy Harris, EBD; Rhonda Hill, ACHI/EBD; Kathy Ryan, Ron Deberry, David Bridges, Barbara Melugin, ABCBS/Health Advantage; Wayne Whitley, Ronda Walthall, AR Highway \& Transportation Dept, Karen Henson, AR Game \& Fish Commission; Susan Walker, Data Path; PDB Enterprise; Barry Fielder, Shonda Rocke, Alicia Hayden, Informed Rx; Marc Watts, AR State Employee Association; Dwane Tankersley, Novasys; Joseph Chang, Securian; Sharon Marcum, LifeSynch; Diann Shoptaw, EBI; Steve Singleton, AR Retired Teachers Association

## CALL TO ORDER

Meeting was called to order by Janis Harrison, Chairman

## APPROVAL OF MINUTES

The request was made by Harrison to approve the January 19, 2010 minutes. McCook made the motion to approve minutes. Black seconded. All were in favor. Minutes approved.

## COMMITTEE REPORTS

1. The Benefits Subcommittee Report

Lee presented the report for Jeff Altemus, Chairman.
The Benefits committee received a report from George Platt from the Benefits Strategic Planning Workgroup (BSPW). Dr. Herman Herd spoke to the workgroup about TMJ and they have asked him to attend the Benefits meeting in April to address the Benefits committee as well.

Cheiron presented the 2011 PSE Preliminary Active Rates. The Benefits subcommittee had no recommendations to present to the Board at this time.
2. Quality of Care Committee, Scott Pace, Chairman Pace reported the committee met on March 3rd and the EBD staff presented members with a packet to be used as reference for future meetings. Materials included; previous HEDIS measure reports, sample of analytical data reports available to EBD, 2010 Schedule of Benefits, preventative care benefits and other assorted materials.

Pace reported the BSPW informed the quality committee that Medicare \& Medicaid Services (CMS) are developing a list of proposed clinical for hospital and professionals. The workgroup will report at the next quality meeting on the proposed subset measures, assuming the final list has been determined by CMS.

Pace presented one recommendation for the Board's consideration:
Recommendation: To adopt the soon-to-be-approved list of Medicare / Medicaid clinical quality performances measures for both providers and hospitals.

McCook made the motion to approve. Mallory seconded. All were in favor. Motion carried.

FINANCIALS by Leigh Ann Chrouch
Chrouch presented detailed financial statements for the Arkansas State Employees (ASE) December 1, 2009 through January 31, 2010 and the Public School Employees (PSE) October 1, 2009 through January 31, 2010. Chrouch also presented the ASE Cafeteria Plan Financial for January 1, 2010 through January 31, 2010.

Chrouch provided a report of the penalties assessed for state and school agencies for October 2009 through January 2010.

## 2011 PSE PRELIMINARY ACTIVE RATES by John Colberg, Cheiron

Colberg provided an overview of the preliminary PSE Active rates for 2010-2011. Colberg went over the highlights, basis for underwriting and rate development. The information was presented in two formats; prior presentation format and revised presentation format.

The Board viewed rating options with no benefit change or any additional reserve allocation, full creditability to Novasys/HDPPO, baseline with non-Medicare Retirees Blend.

Lee said if the non-Medicare Retirees blend is considered for the PSE Active \& Retiree group, he proposes that they consider this "blending" to be a three year pilot program and that the rating separation would automatically happen in Plan Year 2014 unless they continue this rating approach.

A discussion ensued about the $50 \% / 30 \% / 20 \%$ allocation rule.
Dr. Kumpuris requested information on the historical view for establishing the rates in the previous years and how much reserve they want to conserve. Kumpuris said they need to know the historically background so they can get a sense of where they are headed.

Dr. Thompson suggested the Board get the thoughts of the education representatives (AR Education Association (AEA) and AR Retired Teacher Association (ARTA) on the non-Medicare retiree blend option. Thompson suggested they ask them to attend the next meeting.

Lee said he would provide the information requested by Dr. Kumpuris, starting with the 2004 plan year. Harrison requested the information be provided to the Board via-email prior to the meeting.

## DIRECTOR REPORT by Jason Lee

Lee described an incident where the generic alternative was not available to the member.

McCook made the motion: The Executive Director has the authority to temporarily roll back the co-pay tier for a name brand medication when the production or distribution of the new generic alternative experiences a significant and verified disruption. Roll back period is not to exceed 90 days but can be shorter based on the circumstances of the disruption. Dr. Thompson seconded. All were in favor. Motion carried.

The Board reviewed a letter of complaint from a member regarding the drug Lipitor. Lee informed the Board they have provided the member with some educational information about generic alternatives.

## Meeting Adjourned.

## AGENDA

State and Public School<br>Life and Health Insurance Board EBD Board Room<br>501 Building, $5^{\text {th }}$ Floor<br>1 p.m.<br>March 9, 2010

1. Call to Order Janis Harrison, Chairman
2. Approval of Minutes ......................................Janis Harrison, Chairman
3. Committee Reports $\qquad$

- Benefits Subcommittee ................................................Jeff Altemus, Chairman
- Quality of Care Scott Pace, Chairman

4. Financials $\qquad$ Leigh Ann Chrouch, CFO-EBD
5. 2011 PSE Preliminary Active Rates $\qquad$ John Colberg, Cheiron
6. Director's Report $\qquad$ Jason Lee, EBD

# State and Public School Life and Health Insurance Board Quality of Care Sub-Committee Report 

## Meeting Date: March 3, 2010

Packet of documents was given to committee members to be used as reference for future meetings and conversations.

Material included: previous HEDIS measure reports, sample of analytical data reports available to EBD, 2010 Schedule of Benefits, Preventative care benefits, and other assorted material.

Report provided by George Platt from the Benefit Strategic Planning Workgroup and recommendation:

To adopt a subset of the soon-to-be-approved list of Medicare / Medicaid clinical quality performance measures for both providers and hospital.

Workgroup to report at next meeting on proposed subset of measures, assuming that final list has been determined by CMS




## ASE Cafeteria Plan Financials 2009- January 1, 2009 through December 31, 2009

 Cafeferia Plan Operafions as of 12/31109



## SCHOOL DISTRICT PENALTIES ASSESSED FOR JANUARY 2010

Act 1009 of 2007 ( $\S 21-5-415$ ) states the division shall impose a penalty

| District Name  <br> Hopy Academy Description of Violation <br> January 2010 Historical Billing <br> Report and payment not <br> received by January 31, 2010 | Penalty Assessed <br> $\$ 100$ |  |
| :--- | :--- | ---: |
| Osceola Community School January 2010 Historical Billing <br> (CABS) Report and payment not <br> received by January 31, 2010 | $\$ 100$ |  |
|  |  |  |

## STATE AGENCY PENALTIES ASSESSED FOR JANUARY 2010

Agency Name
Arkansas Psychology Board
Description of Violation
State contribution not
received by January 31, 2010

Arkansas Department of
Veteran Affairs
State contribution not
received by January 31, 2010
Arkansas Abstractor's Board of Examiners
received by January 31, 2010

## Penalty Assessed

 \$100\$256
$\$ 100$

Payments due by March 31, 2010
$\$ 656$

## SCHOOL DISTRICT PENALTIES ASSESSED FOR DECEMBER 2009

Act 1009 of 2007 ( $\$ 21-5-415$ ) states the division shall impose a penalty

District Name
Armorel School Dostricy
Fordyce School District
Yellville-Summit School
District

Description of Violation
December Historical Billing Report and payment not received by December 31, 2009
December Historical Billing
Report and payment not received by December 31, 2009
December Historical Billing Report and payment not received by December 31, 2009

Penalty Assessed
\$108 PAID
\$176
\$166 PAID

AID


STATE AGENCY PENALTIES ASSESSED FOR DECEMBER 2009


| District Name | Description of Violation | Penalty Assessed |  |
| :--- | :--- | ---: | :--- |
| School of Excellence | November Historical Billing | $\$ 100$ | PAID |
|  | Report and payment not  <br>  received by November 30, |  |  |
|  | 2009 |  |  |

## STATE AGENCY PENALTIES ASSESSED FOR NOVEMBER 2009

Agency Name
Arkansas Psychology Board State contribution not

Arkansas Department of Veteran Affairs

Arkansas Abstractor's Board of Examiners

Arkansas Educational Television Network

Arkansas State Library
received by November 30, 2009
State contribution not
received by November 30, 2009
Description of Violation

State contribution not received by November 30, 2009
State contribution not received by November 30, 2009
State contribution not received by November 30, 2009

Penalty Assessed
\$100
PAID
\$256
PAID
\$100 PAID
\$204 PAID
\$100 PAID

Payments due by January 31, 2010
$\$ 860$

## SCHOOL DISTRICT PENALTIES ASSESSED FOR OCTOBER 2009

Act 1009 of 2007 ( $\$ 21-5-415$ ) states the division shall impose a penalty

| District Name | Description of Violation | Penalty Assessed |  |
| :--- | :--- | ---: | ---: |
| School of Excellence | October Historical, Billing | $\$ 100$ | PAID |
|  | Report and payment not <br> received by October 31, 2009 |  |  |

## STATE AGENCY PENALTIES ASSESSED FOR OCTOBER 2009

| Agency Name | Description of Violation <br> Arkansas Psychology Board | Penalty Assessed <br> State contribution not <br> received by October 31, 2009 | $\$ 100$ |
| :--- | :--- | ---: | :--- | PAID

Payments due by December 31, 2009
$\$ 456$

# Arkansas Public School Employees Health Benefits Program 

Preliminary PSE Active Rates for 2010-2011

John Colberg, FSA<br>Karen Mallett, FSA

March 9, 2010

## Topics

## Page Number

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3) Blending non-Medicare retirees 12
4) Comparison Sheet 16

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B. Assumptions \& Methods 18

## Highlights

- Active employee rating tiers and relativities remain unchanged
o Rate Increase

|  | $\underline{2009-2010}$ | $\underline{2010-2011}$ |
| :--- | ---: | ---: |
| Health Advantage | $1 \%$ | $6 \%$ |
| NovaSys ARHealth | $2 \%$ | $4 \%$ |
| NovaSys HDPPO | $-5 \%$ | $4 \%$ |
| Rx | $3 \%$ | $12 \%$ |
| Corp Health ${ }^{[1]}$ | $0 \%$ | $0 \%$ |

o Funding

|  | $\frac{2009-2010}{}$ |  |
| :--- | :---: | :---: |
| Base (per employee) | $\$ 131.00$ | $\$ 10-2011$ |
| Act 1842 | $\$ 35 \mathrm{M}$ | $\$ 35 \mathrm{M}$ |
| Act 1421 | $\$ 15 \mathrm{M}$ | $\$ 30$ |
| Reserve | $\$ 4 \mathrm{M}$ | $\$ 15 \mathrm{M}$ |
|  |  | $\$ 0 \mathrm{M}^{[2]}$ |

[1] Assumed no rate change for Corp Health. Final Corp Health rates will be available on or after 4/1/10.
[2] 30\% of the \$4M reserve is carried into 2010-2011.

## Basis for Underwriting

- Health Advantage and Novasys underwriting is based on claims incurred between January 2009 and December 2009 (paid through December 2009)
- Pharmacy underwriting is based on claims paid between January 2009 and December 2009
o Underwriting is performed at the benefit administrator level
o Maintained current $\$ 11.20$ retiree subsidy
- Maintained current vendor fees; updated EBD administrative costs.
- Assumed no benefit changes
o Assumed annual trends
Medical
Prescription Drug
Behavioral Health/EAP
9.0\%
9.0\%
0.0\%
0.0\%


## Rate Development

| Category |  | Health Advantage | NovaSys |  |  | Informed Rx <br> Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | AR Health | AR Health | AR Health HD PPO | Total |  |
| Incurred Claims ${ }^{1}$ |  | \$137,793,513 | \$21,520,287 | \$4,142,383 | \$25,662,671 | \$45,712,641 |
| Member Months | I | 630,593 | 79,960 | 39,740 | 119,700 | 750,293 |
| Incurred PMPM | $=$ | \$218.51 | \$269.14 | \$104.24 | \$214.39 | \$60.93 |
| 10/2009 -> 09/2010 Benefit Changes | X | 1.008 | 1.008 | 1.008 | 1.008 | 1.000 |
| 10/2010 -> 09/2011 Benefit Changes | x | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Trend Factor | x | 1.126 | 1.126 | 1.126 | 1.126 | 1.163 |
| Demographic Change Factor | X | 0.990 | 0.990 | 0.990 | 0.920 | 0.990 |
| Trended Adjusted Incurred PMPM | = | \$245.43 | \$302.40 | \$117.15 | \$223.96 | \$70.14 |
| Current Subscribers |  | 38,776 | 3,829 | 2,515 |  | 45,120 |
| Members / Subscribers | x | 1.41 | 1.42 | 1.59 |  | 1.42 |
| Net Claims PEPM |  | \$346.57 | \$428.92 | \$185.81 |  | \$99.76 |
| Vendor Admin Fees ${ }^{2}$ | + | \$27.13 | \$13.90 | \$13.90 |  | \$1.45 |
| Plan Administration ${ }^{2}$ | + | \$9.26 | \$9.26 | \$9.26 |  | \$0.00 |
| Total Administrative Costs PEPM | = | \$36.39 | \$23.16 | \$23.16 |  | \$1.45 |
| Gross Claims PEPM for Rating Period (Calculated) | = | \$382.96 | \$452.08 | \$208.97 | \$355.70 | \$101.21 |
| Premium Rate PEPM (as of 03/2010) | I | \$360.11 | \$386.83 | \$274.38 | \$354.05 | \$90.34 |
| Required Increase (Calculated)Required Increase (Blended) |  | 6.3\% | 16.9\% | -23.8\% | 0.5\% | 12.0\% |
| Required Increase (Blended) |  | 6.3\% | 4.0\% | 3.8\% | 0.5\% | 12.0\% |

[1] Medical incurred claims for the period 1/09 through 12/09 with payments through 12/09. Rx paid claims for the period 1/09 through 12/09.
[2] Vendor admin fees are at 2010 level. Plan administration is updated to reflect 2011 admin costs.


## Option 1 - Baseline



Note: The figures presented are preliminary and subject to change.

## Option 1 - Baseline

Pardicipant Gontributions

| ALLOCATED RESERVES |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| ASE -PYE | 2010 | 2011 | 2012 | 2013 |
| Actives - 12/31 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Retiree NME -12/31 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Retiree ME -12/31 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| PSE -- PYE | 2010 | 2011 | 2012 | 2013 |
| Actives - 9/30 | \$2.00 | \$1.20 | \$0.80 | \$0.0 |
| Retiree NME -12/31 | \$2.20 | \$1.32 | \$0.88 | \$0.0 |
| Retiree ME -12/31 | \$1.80 | \$1.08 | \$0.72 | \$0.0 |

RETIREE SUBSIDY FROM ACTIVES

PSE | $\$ 11.20$ | $\$ 11.20$ | $\$ 11.20$ | $\$ 11.20$ |
| :---: | :---: | :---: | :---: |

| RATES | 2011 | Actives |  | Participant Contrib. |  |  | Financial Forecast: <br> Plan Year Ending <br> 2010 |  | PSE |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PSE |  |  |  |  |  |  |  | 2011 | 2012 |
| BASELINE | Ee | EelSp | Ee/Ch(n) | Fam | N/A | N/A | Avg \# Enrolled | 72,090 | 72,101 | 72,101 |
| Health Adv | 152.70 | 721.46 | 406.06 | 723.40 | N/A | N/A | Income (in millions) |  |  |  |
| Novasys | 173.34 | 779.06 | 443.22 | 781.20 | N/A | N/A |  |  |  |  |
| HD PPO | 48.20 | 429.94 | 217.98 | 430.84 | N/A | N/A | - State/District | \$120.5 | \$120.9 | \$120.9 |
| REVISED |  |  |  |  |  |  | - Active Contribution <br> - Retiree Contribution | 131.3 | 145.4 | 163.6 |
| Health Adv | 182.73 | 801.73 | 458.59 | 804.16 | N/A | N/A |  | 14.1 | 21.5 | 24.5 |
| Novasys | 197.57 | 843.14 | 485.31 | 845.72 | N/A | N/A | - Other Income | 1.5 | 1.1 | 1.1 |
| HD PPO | 65.22 | 473.91 | 247.10 | 475.17 | N/A | N/A | Total Income | \$267.4 | \$288.9 | \$310.1 |
| CHANGE |  |  |  |  |  |  | Total Claims \& Exp. Annual Gain/(Loss) | \$263.0 | \$285.5 | \$305.2 |
| Health Adv Novasys | 30.03 | 80.27 | 52.53 | 80.76 | N/A | N/A |  | \$4.4 | \$3.3 | \$4.9 |
|  | 24.23 | 64.08 | 42.09 | 64.52 | N/A | N/A | Assets at EOY <br> Net Assets | \$73.3 | \$76.6 | \$81.5 |
|  | 17.02 | 43.97 | 29.12 | 44.33 | N/A | N/A |  | \$44.6 | \$45.9 | \$49.0 |

Note: The figures presented are preliminary and subject to change.

## Option 1 - Baseline

| Actives | Medical | $\begin{aligned} & \text { Prescription } \\ & \text { Drug } \end{aligned}$ | Corp Health | Retirement Subsidy | Total Monthly Premium | Act 1842 Contrib. | Act 1421 Contrib. | Res. Alloc. | School District Contrib. | 2011 Total EE Cost | 2010 Total <br> EE Cost | Change in Premiums (\$1\%) |  | Most <br> Recent <br> Enrollment |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Health Advantage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$300.42 | \$80.32 | \$6.04 | \$11.20 | \$397.98 | \$57.59 | \$24.68 | \$1.97 | \$131.00 | \$182.73 | \$152.69 | \$30.04 | 20\% | 30,233 |
| Employee \& Spouse | 838.14 | 224.10 | 9.08 | 11.20 | 1,082.53 | 102.40 | 43.89 | 3.51 | 131.00 | 801.73 | 721.45 | 80.28 | 11\% | 1,596 |
| Employee \& Child(ren) | 540.73 | 144.57 | 7.86 | 11.20 | 704.36 | 78.45 | 33.63 | 2.69 | 131.00 | 458.59 | 406.05 | 52.54 | 13\% | 5,116 |
| Family | 841.12 | 224.89 | 13.08 | 11.20 | 1,090.29 | 106.04 | 45.45 | 3.63 | 131.00 | 804.16 | 723.40 | 80.76 | 11\% | 1,831 |
| Est. Monthly Cost (\$ mil) | \$14.7 | \$3.9 | \$0.3 | \$0.4 | \$19.4 | \$2.5 | \$1.1 | \$0.1 | \$5.1 | \$10.6 |  |  |  | 38,776 |
| Novasys |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$315.26 | \$80.32 | \$6.04 | \$11.20 | \$412.82 | \$57.59 | \$24.68 | \$1.97 | \$131.00 | \$197.57 | \$173.33 | \$24.24 | 14\% | 3,009 |
| Employee \& Spouse | 879.56 | 224.10 | 9.08 | 11.20 | 1,123.94 | 102.40 | 43.89 | 3.51 | 131.00 | 843.14 | \$779.05 | 64.09 | 8\% | 114 |
| Employee \& Child(ren) | 567.44 | 144.57 | 7.86 | 11.20 | 731.08 | 78.45 | 33.63 | 2.69 | 131.00 | 485.31 | \$443.21 | 42.10 | 9\% | 515 |
| Family | 882.68 | 224.89 | 13.08 | 11.20 | 1,131.84 | 106.04 | 45.45 | 3.63 | 131.00 | 845.72 | \$781.20 | 64.52 | 8\% | 191 |
| Est. Monthly Cost (\$ mil) | \$1.5 | \$0.4 | \$0.0 | \$0.0 | \$2.0 | \$0.2 | \$0.1 | \$0.0 | \$0.5 | \$1.1 |  |  |  | 3,829 |
| Novasys HD PPO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$207.61 | \$55.62 | \$6.04 | \$11.20 | \$280.47 | \$57.59 | \$24.68 | \$1.97 | \$131.00 | \$65.22 | \$48.19 | \$17.03 | 35\% | 1,834 |
| Employee \& Spouse | 579.24 | 155.18 | 9.08 | 11.20 | 754.70 | 102.40 | 43.89 | 3.51 | 131.00 | 473.91 | 429.93 | 43.98 | 10\% | 155 |
| Employee \& Child(ren) | 373.70 | 100.11 | 7.86 | 11.20 | 492.87 | 78.45 | 33.63 | 2.69 | 131.00 | 247.10 | 217.98 | 29.12 | 13\% | 234 |
| Family | 581.30 | 155.72 | 13.08 | 11.20 | 761.30 | 106.04 | 45.45 | 3.63 | 131.00 | 475.17 | 430.84 | 44.33 | 10\% | 292 |
| Est. Monthly Cost (\$ mil) | \$0.7 | \$0.2 | \$0.0 | \$0.0 | \$1.0 | \$0.2 | \$0.1 | \$0.0 | \$0.3 | \$0.4 |  |  |  | 2,515 |
| Total (Monthly) (\$ mil) | \$17.0 | \$4.5 | \$0.3 | \$0.5 | \$22.3 | \$2.9 | \$1.3 | \$0.1 | \$5.9 | \$12.1 |  |  |  | 45,120 |
| Est Annual Cost (\$ mil) | \$203.6 | \$54.2 | \$3.7 | \$6.1 | \$267.5 | \$35.0 | \$15.0 | \$1.2 | \$70.9 | \$145.4 |  |  |  |  |

Note: The figures presented are preliminary and subject to change.

## Option 2 - Full Credibility to Novasys/HDPPO



Note: The figures presented are preliminary and subject to change.

## Option 2 - Full Credibility to Novasys/HDPPO

|  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ALLOCATED RESERVES |  |  |  |  |  |  | STATE/EMPLOYER FUNDING |  |  |  |  |
| ASE -PYE <br> Actives - $12 / 31$ <br> Retiree NME -12/31 <br> Retiree ME -12/31 |  | 2010 | 2011 | 2012 | 2013 |  | ASE <br> Base Contr. <br> \% for Ee <br> \% for Dep | 2010 | 2011 | 2012 | 2013 |
|  |  | \$0.00 | \$0.00 | \$0.00 | \$0.00 |  |  | \$390 | \$390 | \$390 | \$390 |
|  |  | \$0.00 | \$0.00 | \$0.00 | \$0.00 |  |  | 76\% | 75\% | 75\% | 75\% |
|  |  | \$0.00 | \$0.00 | \$0.00 | \$0.00 |  |  | 51\% | 50\% | 50\% | 50\% |
| PSE -- P |  | 2010 | 2011 | 2012 | 2013 |  | PSE | 2010 | 2011 | 2012 | 2013 |
| Actives | 9/30 | \$2.00 | \$1.20 | \$0.80 | \$0.0 |  | Base Contr. | \$131 | \$131 | \$131 | \$131 |
| Retiree | NME -12/31 | \$2.20 | \$1.32 | \$0.88 | \$0.0 |  | Act 1842(\$mil) | \$35.0 | \$35.0 | \$35.0 | \$35.0 |
| Retiree | ME -12/31 | \$1.80 | \$1.08 | \$0.72 | \$0.0 |  | Act 1421(\$mil) | \$15.0 | \$15.0 | \$15.0 | \$15.0 |
|  |  |  |  |  |  |  | Other(\$mil) | \$0.0 | \$0.0 | \$0.0 | \$0.0 |
|  | RETI | E SUBSID | FROM | TIVES |  |  |  |  |  |  |  |
| PSE |  | \$11.20 | \$11.20 | \$11.20 | \$11.20 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| RATES | 2011 | Acti |  | Part | pant Con |  | Financial | Foreca |  | PSE |  |
|  |  |  | PS |  |  |  | Plan Year E |  | 2010 | 2011 | 2012 |
| BASELINE | Ee | EelSp | Ee/Ch(n) | Fam | N/A | N/A | Avg \# Enrol |  | 72,090 | 72,101 | 72,101 |
| Health Adv | 152.70 | 721.46 | 406.06 | 723.40 | N/A | N/A |  |  |  |  |  |
| Novasys | 173.34 | 779.06 | 443.22 | 781.20 | N/A | N/A | Income | millions |  |  |  |
| HD PPO | 48.20 | 429.94 | 217.98 | 430.84 | N/A | N/A | - State/Di | trict | \$120.5 | \$120.9 | \$120.9 |
| REVISED |  |  |  |  |  |  | - Active Cont | bution | 131.3 | 145.3 | 163.5 |
| Health Adv | 182.73 | 801.73 | 458.59 | 804.16 | N/A | N/A | - Retiree Con | ibution | 14.1 | 21.5 | 24.5 |
| Novasys | 236.58 | 951.98 | 555.53 | 954.94 | N/A | N/A | - Other Incom |  | 1.5 | 1.1 | 1.1 |
| HD PPO | 9.96 | 319.74 | 147.64 | 320.45 | N/A | N/A | Total Incom |  | \$267.4 | \$288.8 | \$310.0 |
| CHANGE |  |  |  |  |  |  | Total Claim | \& Exp. | \$263.0 | \$285.5 | \$305.2 |
| Health Adv | 30.03 | 80.27 | 52.53 | 80.76 | N/A | N/A | Annual Gain | (Loss) | \$4.4 | \$3.3 | \$4.8 |
| Novasys | 63.24 | 172.92 | 112.31 | 173.74 | N/A | N/A | Assets at E |  | \$73.3 | \$76.5 | \$81.3 |
| HD PPO | (38.24) | (110.20) | (70.34) | (110.39) | N/A | N/A | Net Assets |  | \$44.6 | \$45.8 | \$48.8 |

Note: The figures presented are preliminary and subject to change.

## Option 2 - Full Credibility to Novasys/HDPPO

| Actives | Medical | Prescription Drug | Corp Health | Retirement Subsidy | Total Monthly Premium | Act 1842 Contrib. | Act 1421 Contrib. | Res. Alloc. | School District Contrib. | 2011 Total EE Cost | 2010 Total EE Cost | Change in Premiums (\$/\%) |  | Most Recent Enrollment |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Health Advantage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$300.42 | \$80.32 | \$6.04 | \$11.20 | \$397.98 | \$57.59 | \$24.68 | \$1.97 | \$131.00 | \$182.73 | \$152.69 | \$30.04 | 20\% | 30,233 |
| Employee \& Spouse | 838.14 | 224.10 | 9.08 | 11.20 | 1,082.53 | 102.40 | 43.89 | 3.51 | 131.00 | 801.73 | 721.45 | 80.28 | 11\% | 1,596 |
| Employee \& Child(ren) | 540.73 | 144.57 | 7.86 | 11.20 | 704.36 | 78.45 | 33.63 | 2.69 | 131.00 | 458.59 | 406.05 | 52.54 | 13\% | 5,116 |
| Family | 841.12 | 224.89 | 13.08 | 11.20 | 1,090.29 | 106.04 | 45.45 | 3.63 | 131.00 | 804.16 | 723.40 | 80.76 | 11\% | 1,831 |
| Est. Monthly Cost (\$ mil) | \$14.7 | \$3.9 | \$0.3 | \$0.4 | \$19.4 | \$2.5 | \$1.1 | \$0.1 | \$5.1 | \$10.6 |  |  |  | 38,776 |
| Novasys |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$354.27 | \$80.32 | \$6.04 | \$11.20 | \$451.83 | \$57.59 | \$24.68 | \$1.97 | \$131.00 | \$236.58 | \$173.33 | \$63.25 | 36\% | 3,009 |
| Employee \& Spouse | 988.40 | 224.10 | 9.08 | 11.20 | 1,232.78 | 102.40 | 43.89 | 3.51 | 131.00 | 951.98 | \$779.05 | 172.93 | 22\% | 114 |
| Employee \& Child(ren) | 637.66 | 144.57 | 7.86 | 11.20 | 801.29 | 78.45 | 33.63 | 2.69 | 131.00 | 555.53 | \$443.21 | 112.32 | 25\% | 515 |
| Family | 991.90 | 224.89 | 13.08 | 11.20 | 1,241.07 | 106.04 | 45.45 | 3.63 | 131.00 | 954.94 | \$781.20 | 173.74 | 22\% | 191 |
| Est. Monthly Cost (\$ mil) | \$1.7 | \$0.4 | \$0.0 | \$0.0 | \$2.1 | \$0.2 | \$0.1 | \$0.0 | \$0.5 | \$1.3 |  |  |  | 3,829 |
| Novasys HD PPO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$152.35 | \$55.62 | \$6.04 | \$11.20 | \$225.21 | \$57.59 | \$24.68 | \$1.97 | \$131.00 | \$9.96 | \$48.19 | (\$38.23) | -79\% | 1,834 |
| Employee \& Spouse | 425.07 | 155.18 | 9.08 | 11.20 | 600.53 | 102.40 | 43.89 | 3.51 | 131.00 | 319.74 | 429.93 | (110.19) | -26\% | 155 |
| Employee \& Child(ren) | 274.24 | 100.11 | 7.86 | 11.20 | 393.41 | 78.45 | 33.63 | 2.69 | 131.00 | 147.64 | 217.98 | (70.34) | -32\% | 234 |
| Family | 426.58 | 155.72 | 13.08 | 11.20 | 606.58 | 106.04 | 45.45 | 3.63 | 131.00 | 320.45 | 430.84 | (110.39) | -26\% | 292 |
| Est. Monthly Cost (\$ mil) | \$0.5 | \$0.2 | \$0.0 | \$0.0 | \$0.8 | \$0.2 | \$0.1 | \$0.0 | \$0.3 | \$0.2 |  |  |  | 2,515 |
| Total (Monthly) (\$ mil) | \$17.0 | \$4.5 | \$0.3 | \$0.5 | \$22.3 | \$2.9 | \$1.3 | \$0.1 | \$5.9 | \$12.1 |  |  |  | 45,120 |
| Est Annual Cost (\$ mil) | \$203.5 | \$54.2 | \$3.7 | \$6.1 | \$267.4 | \$35.0 | \$15.0 | \$1.2 | \$70.9 | \$145.3 |  |  |  |  |

Note: The figures presented are preliminary and subject to change.

## Option 3 - Baseline with Non-Medicare Retirees Blended



Note: The figures presented are preliminary and subject to change.

## Option 3 - Baseline with Non-Medicare Retirees Blended

```
CHEIRON
```

P:ardicipant Contributions

| ALLOCATED RESERVES |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| ASE -PYE | 2010 | 2011 | 2012 | 2013 |
| Actives - 12/31 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Retiree NME -12/31 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Retiree ME -12/31 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| PSE -- PYE | 2010 | 2011 | 2012 | 2013 |
| Actives - 9/30 | \$2.00 | \$1.20 | \$0.80 | \$0.0 |
| Retiree NME -12/31 | \$2.20 | \$1.32 | \$0.88 | \$0.0 |
| Retiree ME -12/31 | \$1.80 | \$1.08 | \$0.72 | \$0.0 |


| STATE/EMPLOYER FUNDING |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| ASE | 2010 | 2011 | 2012 | 2013 |
| Base Contr. | \$390 | \$390 | \$390 | \$390 |
| \% for Ee | 76\% | 75\% | 75\% | 75\% |
| \% for Dep | 51\% | 50\% | 50\% | 50\% |
| PSE | 2010 | 2011 | 2012 | 2013 |
| Base Contr. | \$131 | \$131 | \$131 | \$131 |
| Act 1842(\$mil) | \$35.0 | \$35.0 | \$35.0 | \$35.0 |
| Act 1421(\$mil) | \$15.0 | \$15.0 | \$15.0 | \$15.0 |
| Other(\$mil) | \$0.0 | \$0.0 | \$0.0 | \$0.0 |


| RATES | 2011 | Actives |  | Participant Contrib. |  |  | Financial Forecast: |  | PSE |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | PSE |  |  |  |  | Plan Year Ending | 2010 | 2011 | 2012 |
| BASELINE | Ee | Ee/Sp | Ee/Ch(n) | Fam | N/A | N/A | Avg \# Enrolled | 72,090 | 72,101 | 72,101 |
| Health Adv | 152.70 | 721.46 | 406.06 | 723.40 | N/A | N/A | Income (in millions) |  |  |  |
| Novasys | 173.34 | 779.06 | 443.22 | 781.20 | N/A | N/A |  |  |  |  |
| HD PPO | 48.20 | 429.94 | 217.98 | 430.84 | N/A | N/A | - State/District | \$120.5 | \$120.9 | \$120.9 |
| REVISED |  |  |  |  |  |  | - Active Contribution <br> - Retiree Contribution | 131.3 | 150.7 | 169.3 |
| Health Adv | 191.26 | 825.53 | 473.95 | 828.05 | N/A | N/A |  | 14.1 | 16.2 | 17.0 |
| Novasys | 201.32 | 853.62 | 492.07 | 856.23 | N/A | N/A | - Other Income | 1.5 | 1.1 | 1.1 |
| HD PPO | 67.82 | 481.16 | 251.78 | 482.45 | N/A | N/A | Total Income | \$267.4 | \$288.9 | \$308.4 |
| CHANGE |  |  |  |  |  |  |  | \$263.0 | \$285.5 | \$305.2 |
| Health Adv Novasys | 38.56 | 104.07 | 67.89 | 104.65 | N/A | N/A |  | \$4.4 | \$3.4 | \$3.2 |
|  | 27.98 | 74.56 | 48.85 | 75.03 | N/A | N/A | Annual Gain/(Loss) Assets at EOY | \$73.3 | \$76.7 | \$79.9 |
| HD PPO | 19.62 | 51.22 | 33.80 | 51.61 | N/A | N/A | Net Assets | \$44.6 | \$45.9 | \$47.4 |

Note: The figures presented are preliminary and subject to change.

## Option 3 - Baseline with Non-Medicare Retirees Blended

| Actives | Medical | Prescription Drug | Corp Health | Retirement Subsidy | Total Monthly Premium | Act 1842 Contrib | Act 1421 Contrib. | Res. Alloc. | School District Contrib. | 2011 Total EE Cost | 2010 Total EE Cost | Change in Premiums$(\mathrm{s} \mid \%)$ |  | Most Recent Enrollment |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Health Advantage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$305.19 | \$84.08 | \$6.04 | \$11.20 | \$406.51 | \$57.59 | \$24.68 | \$1.97 | \$131.00 | \$191.26 | \$152.69 | \$38.57 | 25\% | 30,233 |
| Employee \& Spouse | 851.47 | 234.58 | 9.08 | 11.20 | 1,106.33 | 102.40 | 43.89 | 3.51 | 131.00 | 825.53 | 721.45 | 104.08 | 14\% | 1,596 |
| Employee \& Child(ren) | 549.32 | 151.33 | 7.86 | 11.20 | 719.71 | 78.45 | 33.63 | 2.69 | 131.00 | 473.95 | 406.05 | 67.90 | 17\% | 5,116 |
| Family | 854.49 | 235.40 | 13.08 | 11.20 | 1,114.17 | 106.04 | 45.45 | 3.63 | 131.00 | 828.05 | 723.40 | 104.65 | 14\% | 1,831 |
| Est. Monthly Cost (\$ mil) | \$15.0 | \$4.1 | \$0.3 | \$0.4 | \$19.8 | \$2.5 | \$1.1 | \$0.1 | \$5.1 | \$11.0 |  |  |  | 38,776 |
| Novasys |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$315.26 | \$84.08 | \$6.04 | \$11.20 | \$416.58 | \$57.59 | \$24.68 | \$1.97 | \$131.00 | \$201.32 | \$173.33 | \$27.99 | 16\% | 3,009 |
| Employee \& Spouse | 879.56 | 234.58 | 9.08 | 11.20 | 1,134.42 | 102.40 | 43.89 | 3.51 | 131.00 | 853.62 | \$779.05 | 74.57 | 10\% | 114 |
| Employee \& Child(ren) | 567.44 | 151.33 | 7.86 | 11.20 | 737.84 | 78.45 | 33.63 | 2.69 | 131.00 | 492.07 | \$443.21 | 48.86 | 11\% | 515 |
| Family | 882.68 | 235.40 | 13.08 | 11.20 | 1,142.36 | 106.04 | 45.45 | 3.63 | 131.00 | 856.23 | \$781.20 | 75.03 | 10\% | 191 |
| Est. Monthly Cost (\$ mil) | \$1.5 | \$0.4 | \$0.0 | \$0.0 | \$2.0 | \$0.2 | \$0.1 | \$0.0 | \$0.5 | \$1.1 |  |  |  | 3,829 |
| Novasys HD PPO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$207.61 | \$58.22 | \$6.04 | \$11.20 | \$283.07 | \$57.59 | \$24.68 | \$1.97 | \$131.00 | \$67.82 | \$48.19 | \$19.63 | 41\% | 1,834 |
| Employee \& Spouse | 579.24 | 162.44 | 9.08 | 11.20 | 761.96 | 102.40 | 43.89 | 3.51 | 131.00 | 481.16 | 429.93 | 51.23 | 12\% | 155 |
| Employee \& Child(ren) | 373.70 | 104.79 | 7.86 | 11.20 | 497.55 | 78.45 | 33.63 | 2.69 | 131.00 | 251.78 | 217.98 | 33.80 | 16\% | 234 |
| Family | 581.30 | 163.00 | 13.08 | 11.20 | 768.58 | 106.04 | 45.45 | 3.63 | 131.00 | 482.45 | 430.84 | 51.61 | 12\% | 292 |
| Est. Monthly Cost (\$ mil) | \$0.7 | \$0.2 | \$0.0 | \$0.0 | \$1.0 | \$0.2 | \$0.1 | \$0.0 | \$0.3 | \$0.4 |  |  |  | 2,515 |
| Total (Monthly) ( mil) | \$17.2 | \$4.7 | \$0.3 | \$0.5 | \$22.7 | \$2.9 | \$1.3 | \$0.1 | \$5.9 | \$12.6 |  |  |  | 45,120 |
| Est Annual Cost (\$ mil) | \$206.4 | \$56.7 | \$3.7 | \$6.1 | \$272.8 | \$35.0 | \$15.0 | \$1.2 | \$70.9 | \$150.7 |  |  |  |  |

Note: The figures presented are preliminary and subject to change.

## Option 3 - Baseline with Non-Medicare Retirees Blended

| Retirees | Medical | Prescription Drug | Corp Health | Medicare Retiree Subsidy | Total Monthly Premium | Subsidy from Active Employees | Reserve Allocation |  |  | $\begin{aligned} & 2011 \text { Total } \\ & \text { Cost } \end{aligned}$ | $\begin{aligned} & 2010 \text { Total } \\ & \text { Cost } \end{aligned}$ | Change in Retiree Premiums (\$ / \%) |  | Most Recent Enrollment |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Non-Medicare Eligible |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retiree Only | \$310.40 | \$85.91 | \$6.04 | \$11.20 | \$413.55 | \$0.00 | \$57.89 |  |  | \$355.65 | \$527.62 | (\$171.97) | -33\% | 1,686 |
| Retiree \& NME SP | 865.99 | 239.69 | 9.08 | 11.20 | 1,125.96 | 0.00 | 57.89 |  |  | 1,068.07 | 1,213.72 | (145.65) | -12\% | 201 |
| Retiree \& Child(ren) | 558.69 | 154.63 | 7.86 | 11.20 | 732.38 | 0.00 | 57.89 |  |  | 674.49 | 939.28 | (264.79) | -28\% | 11 |
| Retiree \& NME SP \& CH | 869.07 | 240.53 | 13.08 | 11.20 | 1,133.88 | 0.00 | 57.89 |  |  | 1,075.98 | 1,900.80 | (824.82) | -43\% | 2 |
| Retiree \& ME SP | 472.04 | 85.91 | 6.04 | 11.20 | 575.19 | 0.00 | 57.89 |  |  | 517.30 | 674.59 | (157.29) | -23\% | - |
| Retiree \& ME SP \& CH | 719.55 | 154.63 | 7.86 | 11.20 | 893.24 | 0.00 | 57.89 |  |  | 835.34 | 1,087.73 | (252.39) | -23\% | - |
| Est. Monthly Cost (\$ mil) | \$0.7 | \$0.2 | \$0.0 | \$0.0 | \$0.9 | \$0.0 | \$0.1 |  |  | \$0.8 |  |  |  | 1,900 |
| Medicare Eligible |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Retiree Only | \$173.52 | Not Offered | Not Offered |  | \$173.52 | \$101.02 | \$17.26 |  |  | \$55.24 | \$50.92 | \$4.32 | 8\% | 4,635 |
| Retiree \& NME SP | 729.12 | \$153.78 | Not Offered |  | 882.90 | 101.02 | 17.26 |  |  | 764.61 | 716.78 | 47.83 | 7\% | 134 |
| Retiree \& Child(ren) | 421.82 | 68.72 | Not Offered |  | 490.54 | 101.02 | 17.26 |  |  | 372.25 | 450.43 | (78.18) | -17\% | 13 |
| Retiree \& NME SP \& CH | 732.19 | 154.62 | Not Offered |  | 886.81 | 101.02 | 17.26 |  |  | 768.53 | 1,116.29 | (347.76) | -31\% | 3 |
| Retiree \& ME SP | 329.75 | Not Offered | Not Offered |  | 329.75 | 101.02 | 17.26 |  |  | 211.47 | 190.03 | 21.44 | 11\% | 426 |
| Retiree \& ME SP \& CH | 332.83 | 0.84 | Not Offered |  | 333.67 | 101.02 | 17.26 |  |  | 215.38 | 589.53 | (374.15) | -63\% | 2 |
| Total Monthly Cost | \$1.1 | \$0.0 |  |  | \$1.1 | \$0.5 | \$0.1 |  |  | \$0.5 |  |  |  | 5,213 |
| Total (Est. Monthly) | \$1.8 | \$0.2 | \$0.0 | \$0.0 | \$2.0 | \$0.5 | \$0.2 |  |  | \$1.3 |  |  |  | 7,113 |
| Total (Est. Annual) | \$21.1 | \$2.6 | \$0.1 | \$0.3 | \$24.1 | \$6.3 | \$2.4 |  |  | \$15.4 |  |  |  |  |

Note: The figures presented are preliminary and subject to change.

## Comparison of Rates

|  | Total Monthly Premium |  |  | 2010-2011 Total Cost (to Participants) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Actives | Option 1 Baseline | Option 2 Full Cred | Option 3 Blend Ret. | Option 1 Baseline | Option 2 Full Cred | Option 3 Blend Ret. |
| Health Advantage |  |  |  |  |  |  |
| Employee Only | \$397.98 | \$397.98 | \$406.51 | \$182.73 | \$182.73 | \$191.26 |
| Employee \& Spouse | 1,082.53 | 1,082.53 | 1,106.33 | 801.73 | 801.73 | 825.53 |
| Employee \& Child(ren) | 704.36 | 704.36 | 719.71 | 458.59 | 458.59 | 473.95 |
| Family | 1,090.29 | 1,090.29 | 1,114.17 | 804.16 | 804.16 | 828.05 |
| Est. Monthly Cost (\$ mil) | \$19.4 | \$19.4 | \$19.8 | \$10.6 | \$10.6 | \$11.0 |
| Novasys |  |  |  |  |  |  |
| Employee Only | \$412.82 | \$451.83 | \$416.58 | \$197.57 | \$236.58 | \$201.32 |
| Employee \& Spouse | 1,123.94 | 1,232.78 | 1,134.42 | 843.14 | 951.98 | 853.62 |
| Employee \& Child(ren) | 731.08 | 801.29 | 737.84 | 485.31 | 555.53 | 492.07 |
| Family | 1,131.84 | 1,241.07 | 1,142.36 | 845.72 | 954.94 | 856.23 |
| Est. Monthly Cost (\$ mil) | \$2.0 | \$2.1 | \$2.0 | \$1.1 | \$1.3 | \$1.1 |
| Novasys HD PPO |  |  |  |  |  |  |
| Employee Only | \$280.47 | \$225.21 | \$283.07 | \$65.22 | \$9.96 | \$67.82 |
| Employee \& Spouse | 754.70 | 600.53 | 761.96 | 473.91 | 319.74 | 481.16 |
| Employee \& Child(ren) | 492.87 | 393.41 | 497.55 | 247.10 | 147.64 | 251.78 |
| Family | 761.30 | 606.58 | 768.58 | 475.17 | 320.45 | 482.45 |
| Est. Monthly Cost (\$ mil) | \$1.0 | \$0.8 | \$1.0 | \$0.4 | \$0.2 | \$0.4 |
| Total (Monthly) (\$ mil) | \$22.3 | \$22.3 | \$22.7 | \$12.1 | \$12.1 | \$12.6 |
| Est Annual Cost (\$ mil) | \$267.5 | \$267.4 | \$272.8 | \$145.4 | \$145.3 | \$150.7 |

## Appendix A - <br> 2009-2010 Final Rate Details

| Actives | Medical | Prescription Drug | Corp Health | Retirement Subsidy | Total Monthly Premium | Act 1842 Contrib. | Act 1421 Contrib. | Res. Alloc. | School District Contrib. | 2010 Total EE Cost | 2009 Total EE Cost | Change in Retiree Premiums (\$ / \%) |  | Most Recent Enrollment |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Health Advantage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$282.49 | \$71.70 | \$6.04 | \$11.20 | \$371.43 | \$58.93 | \$25.42 | \$3.39 | \$131.00 | \$152.69 | \$180.36 | (\$27.67) | -15\% | 28,411 |
| Employee \& Spouse | 788.13 | 200.04 | 9.08 | 11.20 | 1,008.45 | 104.77 | 45.20 | 6.03 | 131.00 | 721.45 | 770.62 | (49.17) | -6\% | 1,640 |
| Employee \& Child(ren) | 508.46 | 129.05 | 7.86 | 11.20 | 656.57 | 80.27 | 34.63 | 4.62 | 131.00 | 406.05 | 434.58 | (28.53) | -7\% | 4,902 |
| Family | 790.93 | 200.74 | 13.08 | 11.20 | 1,015.95 | 108.50 | 46.81 | 6.24 | 131.00 | 723.40 | 773.30 | (49.90) | -6\% | 1,801 |
| Est. Monthly Cost (\$ mil) | \$13.2 | \$3.4 | \$0.2 | \$0.4 | \$17.3 | \$2.4 | \$1.1 | \$0.1 | \$4.8 | \$8.8 |  |  |  | 36,754 |
| Novasys |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$303.13 | \$71.70 | \$6.04 | \$11.20 | \$392.07 | \$58.93 | \$25.42 | \$3.39 | \$131.00 | \$173.33 | \$185.30 | (\$11.97) | -6\% | 3,740 |
| Employee \& Spouse | 845.73 | 200.04 | 9.08 | 11.20 | 1,066.05 | 104.77 | 45.20 | 6.03 | 131.00 | 779.05 | 784.42 | (5.37) | -1\% | 164 |
| Employee \& Child(ren) | 545.62 | 129.05 | 7.86 | 11.20 | 693.73 | 80.27 | 34.63 | 4.62 | 131.00 | 443.21 | 443.48 | (0.27) | 0\% | 704 |
| Family | 848.73 | 200.74 | 13.08 | 11.20 | 1,073.75 | 108.50 | 46.81 | 6.24 | 131.00 | 781.20 | 787.14 | (5.94) | -1\% | 274 |
| Est. Monthly Cost (\$ mil) | \$1.9 | \$0.4 | \$0.0 | \$0.1 | \$2.4 | \$0.3 | \$0.1 | \$0.0 | \$0.6 | \$1.3 |  |  |  | 4,882 |
| Novasys HD PPO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Employee Only | \$200.04 | \$49.65 | \$6.04 | \$11.20 | \$266.93 | \$58.93 | \$25.42 | \$3.39 | \$131.00 | \$48.19 | \$99.84 | (\$51.65) | -52\% | 1,493 |
| Employee \& Spouse | 558.13 | 138.52 | 9.08 | 11.20 | 716.93 | 104.77 | 45.20 | 6.03 | 131.00 | 429.93 | 545.98 | (116.05) | -21\% | 117 |
| Employee \& Child(ren) | 360.08 | 89.36 | 7.86 | 11.20 | 468.50 | 80.27 | 34.63 | 4.62 | 131.00 | 217.98 | 289.66 | (71.68) | -25\% | 191 |
| Family | 560.11 | 139.00 | 13.08 | 11.20 | 723.39 | 108.50 | 46.81 | 6.24 | 131.00 | 430.84 | 547.86 | (117.02) | -21\% | 215 |
| Est. Monthly Cost (\$ mil) | \$0.6 | \$0.1 | \$0.0 | \$0.0 | \$0.7 | \$0.1 | \$0.1 | \$0.0 | \$0.3 | \$0.3 |  |  |  | 2,016 |
| Total (Monthly) (\$ mil) | \$15.7 | \$3.9 | \$0.3 | \$0.5 | \$20.4 | \$2.9 | \$1.3 | \$0.2 | \$5.7 | \$10.4 |  |  |  | 43,652 |
| Est Annual Cost (\$ mil) | \$188.1 | \$47.3 | \$3.6 | \$5.9 | \$244.9 | \$34.8 | \$15.0 | \$2.0 | \$68.6 | \$124.5 |  |  |  |  |

## Appendix B Assumptions \& Methods

## Total Rate Projection Methodology:

The H-Scan model methodology includes several options when projecting rates. First, choose a period for the per member per month (PMPM) experience period. These claims are trended to the projection period, which is the year starting 10/1/2010 for PSE Actives or the year starting 1/1/2011 for PSE Retirees, using the trend factors below (or those input by the user of H-scan). Next, decide which groups to combine for rating. This includes the options of whether or not to blend ASE and PSE, Actives and Non-Medicare Eligible (NME) Retirees, and NovaSys and NovaSys HD. Once the rating groups are set, decide on the appropriate tiering factors, primarily deciding whether or not to use the current tiering factors. The resulting rates will reflect the decisions displayed in the Rating Options. For expenses, we relied on actual negotiated vendor fees plus estimated EBD expenses.

Total Rate Projection Assumptions:


* Unless otherwise shown in the screen capture

Historical Benefit Adjustment Factors applied to the PMPM cost for 2011 benefits. These factors were developed by the prior actuary.

| ASE non-Medicare 2008: | 0.9780 | 0.9780 | 0.9193 | Use either Medicare | 1.000 | 1.000 | 1.000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PSE non-Medicare 2008: | 0.9776 | 0.9776 | 0.9168 | or Non-Medicare Factors | 1.000 | 1.000 | 1.000 |
| ASE/PSE non-Medicare 2009: | 1.0105 | 1.0105 | 1.0105 |  | 1.000 | 1.000 | 1.000 |
| ASE / PSE Medicare 2008: | 1.0650 | N/A | N/A | Use either Medicare | 1.000 | 1.000 | 1.000 |
| ASE / PSE Medicare 2009: | 1.0650 | N/A | N/A | or Non-Medicare Factors | 1.000 | 1.000 | 1.000 |
| Ratio: | Health Advantage | HA or NovaSys |  | HD PPO |  | Medicare |  |
|  | or NovaSys | Pharmacy | HD PPO | Pharmacy | Medicare * | Pharmacy* |  |
|  | 0.8310 | 0.6900 | 0.6870 | 0.5200 |  |  |  |
| Medicare Parts A, B, D. |  |  |  |  |  |  |  |
| ses: | Actives | Actives |  | Retirees | Retirees |  | Actives \& Retirees |
| Per Subscriber Per Month | Health Advantage | NovaSys |  | Non-Medicare | Medicare |  | EBD* |
| PSE Actual 2009 | \$26.09 | \$13.92 |  | \$20.14 | \$14.96 |  | \$8.97 |
| PSE Actual 2010 | \$27.13 | \$13.90 |  | \$20.74 | \$15.41 |  | \$6.21 |
| PSE Trended 2011 | \$27.13 | \$13.90 |  | \$20.74 | \$15.41 |  | \$6.21 |

* Assumed to include UAM expenses (both Rx and Medical), EAP, weight management, smoking cessation, and Integrail cost.
Rx Rebates:
The assumed Rx Rebates for PSE are 0\%. The actual Rx Rebates based on the 2009 plan year are 2\%.

Part D Subsidy:

## PSE - N/A

Seasonality:
We have not used seasonality factors, instead we are requiring that the base and projected period be for an annual period.

## Appendix B <br> \section*{Assumptions \& Methods (continued)}

Used for Incurred Claims Development:
Method: We calculated the Paid-to-Date claims by using individual claims and eligibility databases. To determinate the relationship and family tiers, we link each claim to the eligibility database. Also, we use the Plan ID in the eligibility data to determine whether a member should be considered as part of the Active, Non-Medicare Retiree or Medicare Retiree Plan. Finally, we applied the below completion factors to the Paid-to-Date laims to calculate the Incurred claims.
Paid-to-Date Claims
Health Advantage:
NovaSys and Pharmacy:
Completion Factors:

Service dates from January 1, 2008 to November 30, 2009 and process dates from January 1, 2008 to November 30, 2009, assuming November 2009 and December 2009 have the same paid-to-date claim as October 2009
Service dates from January 1, 2008 to December 31, 2009 and process dates from January 1, 2008 to December 31, 2009
For Heatth Advantage, we used the data from lag reports with service dates from January 1, 2008 to December 31, 2009 and process dates from January 1, 2008 to For NovaSys and Pharmacy, we used the individual claims database with service dates from January 1, 2008 to December 31, 2009 and process dates from January 1 , 2008 to December 31, 2009 to develop the completion factors.

PSE

|  | Health Advantage |
| ---: | :---: |
| January-09 | 0.989 |
| February-09 | 0.987 |
| March-09 | 0.987 |
| April-09 | 0.985 |
| May-09 | 0.979 |
| June-09 | 0.978 |
| July-09 | 0.968 |
| August-09 | 0.955 |
| September-09 | 0.932 |
| October-09 | 0.865 |
| November-09 | 0.717 |
| December-09 | 0.239 |


| NovaSys |
| :--- |
| 0.999 |
| 0.998 |
| 0.996 |
| 0.985 |
| 0.981 |
| 0.974 |
| 0.967 |
| 0.955 |
| 0.936 |
| 0.898 |
| 0.749 |
| 0.225 |


| HD PPO | Pharmacy |
| :---: | :---: |
| 0.998 | 1.000 |
| 0.998 | 1.000 |
| 0.994 | 1.000 |
| 0.993 | 1.000 |
| 0.991 | 1.000 |
| 0.981 | 1.000 |
| 0.955 | 1.000 |
| 0.944 | 1.000 |
| 0.930 | 1.000 |
| 0.878 | 1.000 |
| 0.725 | 1.000 |
| 0.150 | 1.000 |


| ARHealth Non- | Pharmacy non- |
| :---: | :---: |
| Medicare Retirees | Medicare Retirees |
| 0.989 | 1.000 |
| 0.987 | 1.000 |
| 0.987 | 1.000 |
| 0.985 | 1.000 |
| 0.979 | 1.000 |
| 0.978 | 1.000 |
| 0.968 | 1.000 |
| 0.955 | 1.000 |
| 0.932 | 1.000 |
| 0.865 | 1.000 |
| 0.717 | 1.000 |
| 0.239 | 1.000 |


| ARHealth |
| :---: |
| Medicare |
| Retirees |
| 0.983 |
| 0.982 |
| 0.981 |
| 0.977 |
| 0.973 |
| 0.967 |
| 0.961 |
| 0.951 |
| 0.924 |
| 0.876 |
| 0.700 |
| 0.050 |

$\frac{\text { Pharmacy }}{\text { Medicare }}$ $\frac{\text { Medicare }}{\text { Retirees }}$ Not Applicable Not Applicable Not Applicable
Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable

Note that Life and Behavioral health are insured . Therefore, no completion factors are needed. Actual premium was used and trended.
Allocation of Rate Methodology:
Once the total rates are developed, we split the contributions to cover the rates first by removing the costs that have already been legislated to be covered from reserves. We then allow the user to select the methodology for allocating the remainder of the rates. The total actual cost may be somewhat impacted by the desired allocation as participant selection of Plan option and coverage could be impacted.

Rate Allocation Assumptions:
Previously adopted reserves allocations:
PSE 2010:
PSE 2011:
PSE 2012:
Actives (10/1-9/30) Retirees (1/1-12/31)

| $\$ 2.00$ | $\$ 2.20$ |
| :--- | :--- |
| $\$ 1.20$ | $\$ 1.32$ |
| $\$ 0.80$ | $\$ 0.88$ |

PSE *
Legislature:
Act 1842
Act 1421

## Acest Income

Active Employee Subsidy:

* Unless otherwise shown in the screen capture.

