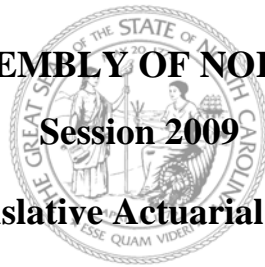


GENERAL ASSEMBLY OF NORTH CAROLINA



Session 2009

Legislative Actuarial Note

HEALTH BENEFITS

BILL NUMBER: Senate Bill 1039 (First Edition)
SHORT TITLE: State Health Plan/No Abortion Coverage.
SPONSOR(S): Senator Brock

SYSTEM OR PROGRAM AFFECTED: State Health Plan for Teachers and State Employees (Plan).

FUNDS AFFECTED: State General Fund, State Highway Fund, other State employer receipts; premium payments for dependents of active employees and retired employees of State agencies and universities, local public schools and local community colleges; premium payments for coverages selected by eligible former employees; premium payments for coverages selected by firefighters, rescue squad workers, members of the National Guard, and certain authorized local governments.

BILL SUMMARY: First edition of the bill proposes to amend the Plan's statutory general limitations and exclusion provisions under G.S. 135-45.8 to prohibit coverage for medical or abortion procedures except under the following circumstances: (1) to save the life or preserve the health of an unborn child; (2) to remove a dead unborn child; or (3) to deliver an unborn child prematurely in order to preserve the health of both the mother and the unborn child.

EFFECTIVE DATE: When it becomes law.

ESTIMATED IMPACT ON STATE:

Aon Consulting, consulting actuary for the State Health Plan for Teachers and State Employees projects the proposed legislation will increase costs to the Plan of \$740,000 for the 2009-10 fiscal year and \$970,000 for the 2010-11 fiscal year based on a mid-point estimate of 50% of non-covered abortions resulting in additional deliveries.

Hartman and Associates, consulting actuary for the General Assembly's Fiscal Research Division, projects the cost or savings impact to be within the ranges reflected below by fiscal year based upon a combination of the number of abortions excluded from coverage and the number of foregone abortions expected to result in additional deliveries:

<u>Delivery Percentage</u>	<u>Fiscal Year 2008-2009</u>	<u>Fiscal Year 2009-2010</u>
0%	(\$152,748)	(\$184,681)
25%	\$326,501	\$394,760
50%	\$805,749	\$974,201

The additional costs or savings impact projected by either consulting actuary, under any specific delivery percentage scenario, would be expected to impact premium rates by less than one-tenth of one percent (0.1%) annually.

ASSUMPTIONS AND METHODOLOGY: The actuarial analyses used by each respective consulting actuary are on file with the Fiscal Research Division. Copies of each respective consulting actuary's analysis, including assumptions, are also attached to the original copy of this Legislative Actuarial note.

For assuming eligibility for the current abortion benefit, only female plan members who are employees or enrolled spouses are currently eligible for coverage under the Plan. Female dependent children are not eligible for abortion or maternity related coverage under the Plan.

The table below reflects recent calendar year charge and claims experience data under the Plan for abortion related claims. For purposes of analyzing the impact of the amendment, elective abortions including those exempted under the amendment, are assumed to be included under the "Induced Abortions" heading.

Summarized Data on Abortion Benefits Provided under the Plan from CY 2005 to CY 2008

Calendar Year	No. of Cases	Total Abortions ¹			Induced Abortions			
		Billed Charges	Allowed Charges	Paid Claims	No. of Cases	Billed Charges	Allowed Charges	Paid Claims
2008								
Employee	777	\$3,637,221	\$2,080,446	\$1,325,538	157	\$441,491	\$450,441	\$146,904
Spouses	69	\$324,554	\$21,995	\$127,223	8	\$12,271	\$7,074	\$4,440
Total	846	\$3,961,775	\$2,102,441	\$1,452,760	165	\$453,762	\$457,514	\$151,344
2007								
Employee	715	\$3,123,205	\$1,837,365	\$1,444,665	152	\$367,619	\$213,442	\$139,077
Spouses	64	\$325,490	\$177,996	\$137,219	12	\$56,222	\$27,009	\$21,291
Total	779	\$3,448,695	\$2,015,361	\$1,581,883	164	\$423,841	\$240,451	\$160,368
2006								
Employee	684	\$3,139,710	\$2,033,105	\$1,586,736	127	\$379,429	\$252,852	\$197,043
Spouses	55	\$266,793	\$165,402	\$127,437	7	\$21,999	\$15,260	\$12,020
Total	739	\$3,406,503	\$2,198,506	\$1,714,173	134	\$401,428	\$268,112	\$209,063
2005								
Employee	727	\$2,931,793	\$2,273,733	\$1,580,725	122	\$228,207	\$181,961	\$128,163
Spouses	66	\$325,115	\$245,486	\$168,626	12	\$50,915	\$32,356	\$24,418
Total	793	\$3,256,908	\$2,519,219	\$1,749,351	134	\$279,122	\$214,317	\$152,581

¹ Includes data on spontaneous abortions (e.g., miscarriages).

Data source: State Health Plan for Teachers and State Employees

Summary Information and Data about the Plan

The Plan administers health benefit coverage for active employees from employing units of State agencies and departments, universities, local public schools, and local community colleges. Eligible retired employees of authorized employing units may also access health benefit coverage under the Plan. Eligible dependents of active and retired employees are authorized to participate in the Plan provided they meet certain requirements. Employees and retired employees of selected local governments may also participate in the Plan under certain conditions. Members of fire, rescue squads, and the National Guard may also obtain coverage under the Plan provided they meet certain eligibility criteria.

As of July 1, 2008, the State finances the Plan on a self-funded basis and administers benefit coverage under a Preferred Provider Option (PPO) arrangement. The Plan's receipts are derived through premium contributions, investment earnings and other receipts. Premiums for health benefit coverage are paid by (1) employing agencies for active employees, (2) the Retiree Health Benefit Fund for retired employees, and (3) employees and retirees who elect dependent coverage. Total requirements for the Plan are estimated to be \$2.6 billion for FY 2008-09. The Plan's PPO benefit design includes three alternative benefit levels offered to plan members. The three alternative benefit levels include the following:

- 1) The "Basic" 70/30 plan that offers higher out-of pocket requirements in return for lower fully contributory dependent premiums;
- 2) The "Standard" 80/20 plan; and
- 3) The "Plus" 90/10 plan with enhanced benefits via lower out-of pocket requirements as compared to the other PPO plan alternatives offered.

As of July 1, 2009, the State will continue to finance the Plan on a self-funded basis and administers benefit coverage under a Preferred Provider Option (PPO) arrangement. The Plan's receipts will be derived through premium contributions, investment earnings and other receipts. Premiums for health benefit coverage will be paid by (1) employing agencies for active employees, (2) the Retiree Health Benefit Fund for retired employees, and (3) employees and retirees who elect dependent coverage. Total requirements for the Plan are estimated to be \$2.5 billion for FY 2009-10 and \$2.7 billion for FY 2010-11. The Plan's PPO benefit design will include two alternative benefit levels listed below:

- 1) The "Basic" 70/30 plan that offers higher out-of pocket requirements in return for lower fully contributory dependent premiums; and
- 2) The "Standard" 80/20 plan.

The Basic and Standard plans offer coverage to employees and retired employees on a noncontributory basis. Coverage for dependents under both plans is offered on a fully contributory basis.

Financial Condition

Financial Projection (Revised Summer 2008) for FY 2008-09 -- For the fiscal year beginning July 1, 2008, the Plan began its operations with a beginning cash balance of \$139.8 million. Receipts for the year were projected to be \$2.3 billion from premium collections, \$53.9 million from Medicare Part D subsidies, and \$2.7 million from investment earnings, for a total of slightly over \$2.3 billion in receipt income for the year. Projected disbursements from the Plan were expected to be \$2.4 billion in claim-payment expenses and \$168.7 million in administration and claims-processing expenses for projected total expenses of nearly \$2.6 billion for FY 2008-09. The Plan's net operating loss was projected to be approximately \$264.4 million for the fiscal year, assuming a 9% annual claims growth trend.

Projected operating losses were expected to deplete the Plan's cash balance of \$139.8 million and leave it without sufficient operating resources to continue operations for the fiscal year.

Financial Projection (Revised April 2009) for FY 2008-09 -- For the fiscal year beginning July 1, 2008, the Plan began its operations with a beginning cash balance of \$139.8 million. Receipts for the year are projected to be \$2.3 billion from premium collections, \$49.0 million from Medicare Part D subsidies, \$3.3 million from investment earnings, and \$250.0 million from a direct General Fund appropriation from the

Rainy Day Fund (Savings Reserve Account) for a total of approximately \$2.6 billion in receipt income for the year. The \$250 million from a direct General Fund appropriation was provided by Session Law 2009-16 (Senate Bill 287) to finance a shortfall in funds available to pay health care benefits, administrative costs, and adequately fund the Plan's beginning cash balance on July 1, 2009. Projected disbursements from the Plan are expected to be \$2.4 billion in claim-payment expenses and \$180.7 million in administration and claims-processing expenses for projected total expenses of nearly \$2.6 billion for FY 2008-09. The Plan's net operating income is projected to be approximately \$7.1 million for the fiscal year, assuming a 9% annual claims growth trend.

Financial Projection 2009-11 Biennium (April 2009) – Session Law 2009-16 (Senate Bill 287) appropriates funds from various sources, authorizes annual premium rate increases, makes various benefit and provider related changes to achieve financial savings, and directs other various changes to the Plan. The enacted law also appropriates the sum of \$250 million from the Savings Reserve Account ("Rainy Day Fund") of the General Fund for the 2008-09 fiscal year. The following summarized financial projections by fiscal year for the 2009-11 biennium assume the changes enacted in Session Law 2009-16 (Senate Bill 287).

For the fiscal year beginning July 1, 2009, the Plan is projected to begin its operations with a beginning cash balance of \$146.9 million. Receipts for the year are projected to be \$2.4 billion from premium collections, \$56.3 million from Medicare Part D subsidies, and \$8.0 million from investment earnings for a total of approximately \$2.5 billion in receipt income for the year. Projected disbursements from the Plan are expected to be \$2.3 billion in claim-payment expenses and \$185.6 million in administration and claims-processing expenses for projected total expenses of nearly \$2.5 billion for FY 2008-09. The Plan's net operating income is projected to be approximately \$14.8 million for the fiscal year, assuming a 9% annual claims growth trend and an annual premium increase of 8.9% effective July 1, 2009.

For the fiscal year beginning July 1, 2010, the Plan is projected to begin its operations with a beginning cash balance of \$146.9 million. Receipts for the year are projected to be \$2.7 billion from premium collections, \$50.4 million from Medicare Part D subsidies, and \$8.8 million from investment earnings for a total of approximately \$2.7 billion in receipt income for the year. Projected disbursements from the Plan are expected to be \$2.5 billion in claim-payment expenses and \$191.7 million in administration and claims-processing expenses for projected total expenses of nearly \$2.7 billion for FY 2010-11. The Plan's operating income is projected to be approximately \$30.6 million for the fiscal year, assuming a 9% annual claims growth trend and an annual premium increase of 8.9% effective July 1, 2010.

Other Information

Historically, the Plan has applied a premium increase in October of the first fiscal year of a biennium. However, the annual premium increases authorized in Session Law 2009-16 (Senate Bill 287) changes that methodology to an annual increase at the beginning of each fiscal year of the 2009-11 biennium.

Additional assumptions include Medicare benefit "carve-outs," cost containment strategies including prior approval for certain medical services, utilization of the "Blue Options" provider network, case and disease management for selected medical conditions, mental health case management, coordination of benefits with other payers, a prescription drug benefit manager with manufacturer rebates from formularies, and fraud detection, and other authorized actions by the Executive Administrator and Board of Trustees to manage the Plan to maintain and improve the Plan's operation and financial condition where possible. Claim cost trends are expected to increase at a rate of 9% annually according to the Plan's consulting actuary. Investment earnings are based upon a 4.5% return on available cash balances.

Enrollment Data as of December 31, 2008

I. No. of Participants	Basic	Standard	Plus	Total	Percent of Total
<u>Actives</u>					
Employees	11,623	271,243	47,687	330,553	49.6%
Dependents	20,454	115,875	28,156	164,485	24.7%
Sub-total	32,077	387,118	75,843	495,038	74.2%
<u>Retired</u>					
Employees	1,726	127,081	17,967	146,774	22.0%
Dependents	1,117	14,935	3,476	19,528	2.9%
Sub-total	2,843	142,016	21,443	166,302	24.9%
<u>Former Employees with Continuation Coverage</u>					
Employees	60	1,349	344	1,753	0.3%
Dependents	61	501	182	744	0.1%
Sub-total	121	1,850	526	2,497	0.4%
<u>Firefighters, Rescue Squad & National Guard</u>					
Employees	-	3	2	5	0.0%
Dependents	-	3	-	3	0.0%
Sub-total	-	6	2	8	0.0%
<u>Local Governments</u>					
Employees	72	1,577	319	1,968	0.3%
Dependents	141	637	218	996	0.1%
Sub-total	213	2,214	537	2,964	0.4%
<u>Total</u>					
Employees	13,481	401,253	66,319	481,053	72.1%
Dependents	21,773	131,951	32,032	185,756	27.9%
Grand Total	35,254	533,204	98,351	666,809	100%
Percent of Total	5.3%	80.0%	14.7%	100.0%	

II. Enrollment by Contract	Basic	Standard	Plus	Total
Employee Only	2,684	328,635	49,246	380,565
Employee Child(ren)	4,958	36,903	8,589	50,450
Employee Spouse	2,274	18,145	4,469	24,888
Employee Family	3,565	17,570	4,015	25,150
Total	13,481	401,253	66,319	481,053
Percent Enrollment by Contract				
Employee Only	19.9%	81.9%	74.3%	79.1%
Employee Child(ren)	36.8%	9.2%	13.0%	10.5%
Employee Spouse	16.9%	4.5%	6.7%	5.2%
Employee Family	26.4%	4.4%	6.1%	5.2%
Total	100.0%	100.0%	100.0%	100.0%

Enrollment Data Continued

III. Enrollment by Sex	Basic	Standard	Plus	Total
Female	18,837	334,917	61,752	415,506
Male	16,417	198,287	36,599	251,303
Total	35,254	533,204	98,351	666,809

Percent Enrollment by Sex	Basic	Standard	Plus	Total
Female	53.4%	62.8%	62.8%	62.3%
Male	46.6%	37.2%	37.2%	37.7%
Total	100.0%	100.0%	100.0%	100.0%

IV. Enrollment by Age	Basic	Standard	Plus	Total
29 & Under	17,390	136,277	27,211	180,878
30 to 44	8,125	107,375	17,315	132,815
45 to 54	5,164	94,548	18,277	117,989
55 to 64	3,195	102,901	23,452	129,548
65 & Over	1,380	92,103	12,096	105,579
Total	35,254	533,204	98,351	666,809

Percent Enrollment by Age	Basic	Standard	Plus	Total
29 & Under	49.3%	25.6%	27.7%	27.1%
30 to 44	23.0%	20.1%	17.6%	19.9%
45 to 54	14.6%	17.7%	18.6%	17.7%
55 to 64	9.1%	19.3%	23.8%	19.4%
65 & Over	3.9%	17.3%	12.3%	15.8%
Total	100.0%	100.0%	100.0%	100.0%

V. Retiree Enrollment by Category	Employee	Dependents	Total
Non-Medicare Eligible	49,534	12,080	61,614
Medicare Eligible	97,240	7,448	104,688
Total	146,774	19,528	166,302

Percent by Category (Retiree)	Employee	Dependents	Total
Non-Medicare Eligible	33.7%	61.9%	37.0%
Medicare Eligible	66.3%	38.1%	63.0%
Total	100.0%	100.0%	100.0%

SOURCES OF DATA:

-Actuarial Note, Hartman & Associates, "Senate Bill 1039 Act to Prohibit Coverage for Abortions Under the State Health Plan for Teachers and State Employees", May 30, 2009, original of which is on file in the General Assembly's Fiscal Research Division.

-Actuarial Note, Aon Consulting, "Senate Bill 1039, No Coverage for Abortion", May 29, 2009, original of which is on file with the State Health Plan for Teachers and State Employees and the General Assembly's Fiscal Research Division.

TECHNICAL CONSIDERATIONS: None

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DATE: June 1, 2009



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