

NORTH CAROLINA GENERAL ASSEMBLY  
LEGISLATIVE ACTUARIAL NOTE

**BILL NUMBER:** House Committee Substitute for House Bill 452,  
Sections 17 & 18

**SHORT TITLE:** Amend Psychology Practice Act

**SPONSOR(S):** Representative Shawn Lemmond

**SYSTEM OR PROGRAM AFFECTED:** Teachers' and State Employees'  
Comprehensive Major Medical Plan

**FUNDS AFFECTED:** State General Fund, State Highway Fund, Other  
State Employer Receipts, Premium Payments for Dependents by Active  
and Retired Teachers and State Employees

**BILL SUMMARY:** Sections 17 and 18 of the bill convey provider  
status to licensed psychological associates with a masters or  
specialist degree in the treatment of mental health and chemical  
dependency illnesses under the Teachers' and State Employees'  
Comprehensive Major Medical Plan.

**EFFECTIVE DATE:** Upon ratification.

**ESTIMATED IMPACT ON STATE:** The consulting actuary for the  
Teachers' and State Employees' Comprehensive Major Medical Plan,  
Alexander & Alexander Consulting Group, Inc., and the consulting  
actuary of the General Assembly's Fiscal Research Division, Dilts,  
Umstead & Dunn, both concur in that the bill will not measurably  
increase the costs to the Plan. Any increases in costs through  
expanded utilization of services would be expected to be offset  
through lower professional unit costs.

**ASSUMPTIONS AND METHODOLOGY:** The Comprehensive Major Medical Plan  
for Teachers and State Employees is divided into two programs.  
From October, 1982 through June, 1986, the Plan had only a  
self-insured indemnity type of program which covered all  
employees, retired employees, eligible dependents of employees and  
retired employees, and former employees and their eligible  
dependents authorized to continue coverage past a termination of  
employment other than for retirement or disability purposes. A  
prepaid program of coverage by health maintenance organizations  
(HMOs) was offered in July, 1986, as an alternative to the Plan's  
self-insured indemnity program. The benefits of the self-insured  
indemnity type of program are spelled out in Part 3 of Article 3

of Chapter 135 of the North Carolina General Statutes (i.e., \$250 annual deductible, 20% coinsurance up to \$1,000 annually, etc. paid by the program's members). HMOs are required to offer benefits that are comparable to those provided by the self-insured indemnity program. Employer-paid non-contributory premiums are only

authorized for the indemnity program's coverage for employees and retired employees. All other types of premium in the indemnity program are fully contributory. Premiums paid by employers to HMOs are limited to like amounts paid to the indemnity program with employees and retired employees paying any HMO amounts above the indemnity program's non-contributory rates. Both types of coverage continue to be available in the Plan with seven HMOs currently covering about 16% of the Plan's total population in about 70 of the State's 100 counties. The Plan's employees and retired employees select the type of program that they wish for themselves and their dependents during the months of August and September of each year for coverage beginning in October. The demographics of the Plan as of December 31, 1994, include:

Plan	Self-Insured	Alternative	
	<u>Indemnity Program</u>	<u>HMOs</u>	
<u>Total</u>			
<u>Number of Participants</u>			
Active Employees	203,200	43,700	246,900
Active Employee Dependents	117,500	33,600	151,100
Retired Employees	78,500	3,300	81,800
Retired Employee Dependents	14,000	800	14,800
Former Employees & Dependents with Continued Coverage	2,600	400	3,000
Total Enrollments	415,800	81,800	497,600
<u>Number of Contracts</u>			
Employee Only	211,800	30,700	242,500
Employee & Child(ren)	32,800	10,200	43,500
Employee & Family	39,100	6,400	45,500
Total Contracts	283,700	47,300	331,000
<u>Percentage of Enrollment by Age</u>			
0-29	29.1%	43.8%	31.5%
30-44	23.8	29.3	24.7
45-54	18.8	17.1	18.5
55-64	12.8	7.0	11.9
65+	15.5	2.8	13.4
<u>Percentage of Enrollment by Sex</u>			
Male	40.0%	40.3%	40.1%
Female	60.0	59.7	59.9

Assumptions for the Self-Insured Indemnity Program: For the fiscal year beginning July, 1994, the self-insured program started its operations with a beginning cash balance of \$287.1 million. Receipts for the year are estimated to be \$597 million from premium collections, \$20 million from investment earnings, and \$6 million in risk selection and administrative fees from HMOs, for a total of \$623 million in receipts for the year. Disbursements from the self-insured program are expected to be \$545 million in claim payments and \$18 million in administration and claims processing for a total of \$563 million for the year beginning July, 1994. For the fiscal year beginning July, 1995, the self-insured indemnity program is anticipated to have an operating cash balance of over \$347 million with a net operating gain of \$60 million for the 1994-95 fiscal year. For the next few years, the self-insured indemnity program is assumed to be able to carry out its operations without any increases in its current premium rates or a reduction in existing benefits until the 1997-98 or 1998-99 fiscal years. This assumption is predicated upon the fact that the program's cost containment strategies (hospital DRG reimbursements, pre-admission hospital testing, pre-admission hospital inpatient certification with length-of-stay approval, hospital bill audits, required second surgical opinions, mental health case management, coordination of benefits with other payers, Medicare benefit "carve-outs", cost reduction contracts with participating physicians and other providers, and fraud detection) are maintained and improved where possible. Current non-contributory premiums rates are \$110.08 monthly for employees whose primary payer of health benefits is Medicare and \$144.60 per month for employees whose primary payer of health benefits is not Medicare. Fully contributory premium amounts for employee and child(ren) contracts are \$68.50 monthly for children whose primary payer of health benefits is Medicare and \$90.12 monthly for other covered children, and \$164.30 per month for family contracts whose dependents have Medicare as the primary payer of health benefits and \$216.18 per month for other family contract dependents. Claim cost trends are expected to increase about 10% annually. Total enrollment in the program is expected to increase about one-half of one percent (0.5%) annually. Growth in the number of enrolled active employees is expected to be a little less than 1% annually, whereas the growth in the number of retired employees is assumed to be a little more than 4% per year. The program is expected to lose about 2% of its number of active employee dependents each year, whereas the number of enrolled retiree dependents is assumed to show no appreciable change from year to year. Investment earnings are based upon a 6% monthly return on available cash balances. The self-insured indemnity program maintains a claim stabilization reserve for claim cost fluctuations equal to 7.5% of annual claim payments without reserving additional funds for incurred but unreported claims.

Assumptions for the Self-Insured Indemnity Program's Mental Health and Chemical Dependency Benefits: Based upon information supplied by the North Carolina Psychology Board, there were 817 licensed psychological associates residing in 83 of the State's 100 counties as of the end of 1993. Of the number of licensed professional counselors residing in the State, approximately 60% reside in the counties of Buncombe, Burke, Cumberland, Durham, Forsyth, Granville, Guilford, Mecklenburg, Nash, New Hanover, Orange, Pitt, Wake, and Wayne. Psychological associates currently treat patients in the direct employment and supervision of a licensed psychiatrist or doctor of psychology using the following procedure codes under the American Medical Association's Current Procedural Terminology, Fourth Edition (CPT-4):

GENERAL CLINICAL PSYCHIATRIC DIAGNOSTIC OR EVALUATIVE INTERVIEW PROCEDURES

90801 Psychiatric diagnostic interview examination including history, mental status, or disposition (may include communication with family or other sources, interpretation of laboratory or other diagnostic studies. In certain circumstances other informants will be seen in lieu of the patient)

PSYCHIATRIC THERAPEUTIC PROCEDURES

90843 Individual psychotherapy, with continuing diagnostic evaluation, including psychoanalysis, insight oriented, behavior modifying or supportive psychotherapy; approximately 20 to 30 minutes

90844 Same as Code 90843 except approximately 45 to 50 minutes

90853 Group psychotherapy (other than multiple-family group) with continuing diagnostic evaluation

Selected claims experience for these procedure codes under the Plan's indemnity program has been:

<u>CPT-4 Codes</u>	<u>Sessions</u>	<u>1992</u>		<u>1994</u>		
		<u>Charges</u>	<u>Payments</u>	<u>Sessions</u>	<u>Charges</u>	
<u>Payments</u>						
<u>Physicians &amp; Psychologists</u>						
<u>Psychiatric</u>						
<u>Diagnostic</u>						
Interview(90801)	6,263	\$584,940	\$286,502	6,570	\$690,578	
\$342,068						
Average		\$93	\$46		\$105	\$52
<u>Individual Medical</u>						
<u>Psychotherapy</u>						
<u>20-30 Minutes</u>						
(90843)	16,142	902,087	567,537	15,845	943,854	581,796
Average		\$56	\$35		\$60	\$37
<u>45-50 Minutes</u>						
(90844)	122,733	10,491,684	7,306,640	110,854	10,104,413	6,880,905
Average		\$85	\$60		\$91	\$62
<u>Unspecified</u>						
(90841)	4,469	289,729	176,269	2,232	139,518	83,883
Average		\$65	\$39		\$63	\$38
<u>Group Psycho-</u>						
<u>therapy</u>						
<u>(90853 &amp; 90857)</u>						
Average	13,238	663,384	451,280	9,858	497,399	306,319
		\$50	\$34		\$50	\$31
<u>Clinical Social</u>						
<u>Workers &amp; Psychiatric</u>						
<u>Nurses</u>						
<u>Individual Psycho-</u>						
<u>therapy</u>						
<u>20-30 Minutes</u>						
	1,668	\$71,565	\$43,633	1,311	\$61,282	\$32,445
Average		\$43	\$26		\$47	\$25
<u>45-50 Minutes</u>						
	48,921	3,664,882	2,503,832	42,838	3,367,878	2,300,369
Average		\$75	\$51		\$79	\$54
<u>Group Psycho-</u>						
<u>therapy Average</u>						
	3,556	161,261	100,123	2,474	119,593	65,741
		\$45	\$28		\$48	\$26

**SOURCES OF DATA:**

- o Actuarial Note, Dilts, Umstead & Dunn, House Committee Substitute for House Bill 452, Sections 17 & 18, May 19, 1995, original of which is on file in the General Assembly's Fiscal Research Division.

- o Actuarial Note, Alexander & Alexander Consulting Group, Inc., House Committee Substitute for House Bill 452, Sections 17 & 18, May 15, 1995, original of which is on file with the Comprehensive Major Medical Plan for Teachers' and State Employees' and the General Assembly's Fiscal Research Division.
- o Membership Data for Licensed Psychological Associates provided by the North Carolina Board of Psychology.

**TECHNICAL CONSIDERATIONS:** None

**FISCAL RESEARCH DIVISION**

**733-4910**

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**DATE:** May 22, 1995



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