

Medicaid

STATE REPORTS – FY 1998

North Carolina

 Division of
Health Policy Research

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Medicaid State Report

NORTH CAROLINA, FY 1998 (October 1, 1997 - September 30, 1998)



I. MEDICAID ENROLLEES AND EXPENDITURES	NORTH CAROLINA			SOUTH ATLANTIC REGION~			UNITED STATES		
A. Federal Medical Assistance Percentage (FMAP)*	63.1% (FY98)	62.5% (FY00)	73.7% (Enhanced)	60.6% (FY98)	60.6% (FY00)	72.4% (Enhanced)	60.7% (FY98)	60.7% (FY00)	72.5% (Enhanced)
B. Total Medicaid Managed Care Enrollment, 06/30/1998 (% of Total Medicaid Enrollment)	559,035 (68.6% of 815,359 **)			3,014,061 (60.1% of 5,016,687)			15,760,205 (52.5% of 30,009,674)		
C. Percent of Births Paid for by Medicaid, 1997***	44%			45%			35%		
D. FY 1998 and FY 1994-98 Averaged DSH^ Payment	\$354 M	\$202 M		\$1,939 M	\$1,560 M		\$14,958 M	\$14,276 M	
E. Enrollees, by Age, FY 1998#	<u>Enrollees</u>		<u>Percent</u>	<u>Enrollees</u>		<u>Percent</u>	<u>Enrollees</u>		<u>Percent</u>
All Enrollees	1,201,681		100.0%	7,032,022		100.0%	40,377,603		100.0%
Children Under Age 21	674,006		56.1%	4,023,395		57.2%	22,331,022		56.4%
Under Age 6	299,374		24.9%	1,670,802		23.8%	9,220,363		22.8%
Infants	88,252		7.3%	370,561		5.3%	2,014,962		5.0%
Age 1 Through 5	211,122		17.6%	1,300,241		18.5%	7,205,401		17.8%
Age 6 Through 20	374,632		31.2%	2,352,593		33.5%	13,110,659		32.5%
F. Percent Enrollees and Expenditures^^ by Eligibility Category, FY 1998##	<u>Enrollees</u>	<u>Expenditures</u>	<u>\$Per Enrollee</u>	<u>Enrollees</u>	<u>Expenditures</u>	<u>\$Per Enrollee</u>	<u>Enrollees</u>	<u>Expenditures</u>	<u>\$Per Enrollee</u>
All Enrollees	1,201,681	\$4,014 M	\$3,340	7,032,022	\$21,733 M	\$3,091	40,377,603	\$142,058 M	\$3,518
Children^^^	52.7%	19.0%	\$1,201	52.0%	17.7%	\$1,024	50.6%	16.4%	\$1,130
Categorically Needy - Cash	21.4%	6.4%	\$996	18.6%	5.8%	\$945	18.4%	6.0%	\$1,137
Categorically Needy - Noncash	29.5%	11.0%	\$1,252	23.8%	7.4%	\$930	17.4%	4.6%	\$910
Medically Needy	0.7%	0.3%	\$1,581	0.6%	0.5%	\$2,280	4.5%	1.7%	\$1,294
Other	1.1%	1.2%	\$3,503	9.0%	4.0%	\$1,343	10.2%	4.2%	\$1,418
Adults	15.8%	9.9%	\$2,097	18.7%	10.5%	\$1,689	21.8%	10.7%	\$1,704
Categorically Needy - Cash	10.9%	5.7%	\$1,756	8.9%	4.7%	\$1,584	8.8%	4.5%	\$1,796
Categorically Needy - Noncash	3.5%	2.9%	\$2,777	5.1%	4.2%	\$2,464	5.6%	3.2%	\$1,987
Medically Needy	1.2%	1.1%	\$3,115	0.8%	0.5%	\$2,000	2.6%	1.3%	\$1,717
Other	0.3%	0.2%	\$2,689	3.9%	1.1%	\$841	4.8%	1.6%	\$1,199
Blind and Disabled	17.5%	41.4%	\$7,917	18.9%	45.5%	\$7,250	17.5%	43.6%	\$8,680
Aged	14.0%	29.7%	\$7,070	10.5%	26.3%	\$7,568	10.2%	29.3%	\$9,968

Notes: ~ Includes AZ, CO, ID, MT, NM, NV, UT & WY. * Regional and US averages of FY98 FMAP are weighted by FY98 expenditures. FY00 and Enhanced FMAPs are unweighted. ** Enrollment on 06/30/98 was 67.9% of total annual enrollment state reported to HCFA on Form2082 for FY 1998. *** Data for GA and MT are from 1996 and not included in regional and state averages. Data unavailable for DC, HI and VA. ^ Disproportionate Share Hospital Payments. # Age breakdowns for OK are from FY 1996 and not included in regional and US averages. ## Eligibility category breakdowns for HI and OK are from FY 1996 and not included in regional and US averages. ^^ Includes Medicaid vendor payments, health plan premiums, capitation and HMO payments reported by the states to HCFA on Form HCFA-2082. ^^ As defined by HCFA based on age and other factors. 'na' Data unavailable. 'NA' Not Applicable.

I. CONTINUED	NORTH CAROLINA				SOUTH ATLANTIC REGION				UNITED STATES			
	<u>CHILDREN Under 21</u>		<u>ADULTS</u>		<u>CHILDREN Under 21</u>		<u>ADULTS</u>		<u>CHILDREN Under 21</u>		<u>ADULTS</u>	
G. Payments by Age and Type of Service#												
Physician Services	3.2%		3.6%		2.5%		2.7%		1.5%		1.8%	
Dental Services	0.5%		0.4%		0.7%		0.3%		0.4%		0.2%	
Other Practitioners	0.1%		0.1%		0.2%		0.3%		0.2%		0.2%	
EPSDT*	0.8%		0.0%		0.9%		0.1%		0.9%		0.1%	
Family Planning Services	0.1%		0.1%		0.1%		0.1%		0.1%		0.1%	
Clinic Services	0.4%		0.6%		1.1%		0.9%		0.9%		1.1%	
Outpatient Hospital	1.6%		2.4%		2.5%		2.3%		1.3%		1.8%	
Inpatient Hospital	6.9%		6.3%		6.5%		7.0%		5.1%		6.4%	
Nursing Home/Intermediate Care	1.2%		22.0%		0.5%		22.6%		0.6%		24.5%	
Mental Health Facility Services	0.4%		0.4%		0.7%		0.7%		0.8%		1.3%	
Personal Care / Home Health Services	5.7%		6.7%		3.0%		3.9%		2.1%		4.7%	
Lab and X-Ray	0.5%		0.7%		0.2%		0.3%		0.2%		0.3%	
Prescribed Drugs	1.8%		7.5%		1.8%		7.8%		1.2%		6.1%	
Prepaid Health Care	1.8%		0.5%		4.2%		3.4%		6.2%		4.3%	
Primary Care Case Management Services	0.2%		0.1%		0.2%		0.1%		0.1%		0.0%	
Other Services**	1.7%		4.3%		1.1%		1.6%		1.6%		2.0%	
Reporting Variance~	0.0%		17.4%		-0.5%		18.3%		0.2%		20.0%	
All Services	27.0%		73.0%		25.7%		74.3%		23.3%		76.7%	
H. Average Payments per User of Service and Percent of Enrollees Using Each Service#												
	Per-user	%Use+	Per-user	%Use+	Per-user	%Use+	Per-user	%Use+	Per-user	%Use+	Per-user	%Use+
Physician Services	\$312	61.3%	\$484	55.8%	\$277	48.5%	\$437	48.5%	\$242	39.3%	\$384	37.8%
Dental Services	\$176	17.2%	\$224	13.1%	\$174	22.0%	\$210	9.1%	\$172	13.7%	\$204	7.7%
Other Practitioners	\$70	7.8%	\$58	17.2%	\$155	7.0%	\$151	12.3%	\$179	6.7%	\$110	13.2%
EPSDT*	\$80	57.2%	\$24	9.3%	\$149	30.3%	\$117	3.6%	\$224	26.1%	\$308	3.5%
Family Planning Services	\$150	3.9%	\$158	4.7%	\$194	3.2%	\$151	3.9%	\$159	2.6%	\$141	3.3%
Clinic Services	\$149	15.5%	\$370	11.5%	\$486	12.0%	\$712	9.4%	\$469	11.4%	\$874	9.7%
Outpatient Hospital	\$324	30.3%	\$508	35.7%	\$446	29.4%	\$546	30.2%	\$333	24.7%	\$582	24.6%
Inpatient Hospital	\$3,390	12.0%	\$4,200	11.4%	\$4,368	7.8%	\$3,594	13.7%	\$4,826	6.5%	\$4,807	10.5%
Nursing Home/Intermediate Care	\$66,391	0.1%	\$20,643	8.1%	\$59,984	0.0%	\$19,921	8.0%	\$63,002	0.1%	\$21,867	8.9%
Mental Health Facility Services	\$9,082	0.3%	\$12,180	0.3%	\$7,409	0.5%	\$8,143	0.6%	\$18,105	0.3%	\$28,065	0.4%
Personal Care / Home Health Services	\$1,011	33.5%	\$1,766	28.8%	\$1,055	15.2%	\$1,828	15.2%	\$1,752	7.3%	\$3,125	11.9%
Lab and X-Ray	\$77	42.5%	\$134	41.1%	\$57	20.1%	\$111	19.4%	\$66	17.6%	\$119	18.7%
Prescribed Drugs	\$183	59.3%	\$1,124	50.8%	\$197	49.4%	\$1,162	47.3%	\$188	41.0%	\$1,205	40.3%
Prepaid Health Care	\$351	31.0%	\$837	4.9%	\$660	33.5%	\$2,159	11.1%	\$771	50.0%	\$1,286	26.5%
Primary Care Case Management Services	\$22	64.0%	\$21	20.4%	\$22	43.5%	\$27	16.5%	\$28	12.2%	\$43	4.2%
Other Services**	\$1,324	7.5%	\$1,597	20.5%	\$808	7.0%	\$660	17.5%	\$799	12.2%	\$799	19.6%
All Services	\$1,637	98.1%	\$5,782	96.1%	\$1,447	93.8%	\$5,628	93.1%	\$1,571	92.3%	\$6,493	93.7%

Notes: When less than 0.05% of expenditures is accounted for by a type of service, it is rounded to 0.0%. # Data for HI and OK are from FY 1996. Breakdowns by Type of Service for NE are from FY 1997. These are not included in regional and US totals. DSH payments not included. * EPSDT services are known to be under-reported on the HCFA2082 in many states due to complexities in the reporting process. EPSDT participation rate for North Carolina in 1997 was 50% according to the HCFA416. ** Include Home and Community Waiver, and any other medical or remedial care recognized under state law and specified by the Secretary, including but not limited to transportation, physical and occupational therapy, dentures, prosthetic devices, rehabilitative and hospice services. ~ A positive variance reflects expenditures not reported as any service type. A negative variance indicates that expenditures for all service types sum to exceed total expenditures state reported for age group. +Percents may sum to exceed 100 since enrollees may use multiple services. 'na' Data unavailable. 'NA' Not applicable.

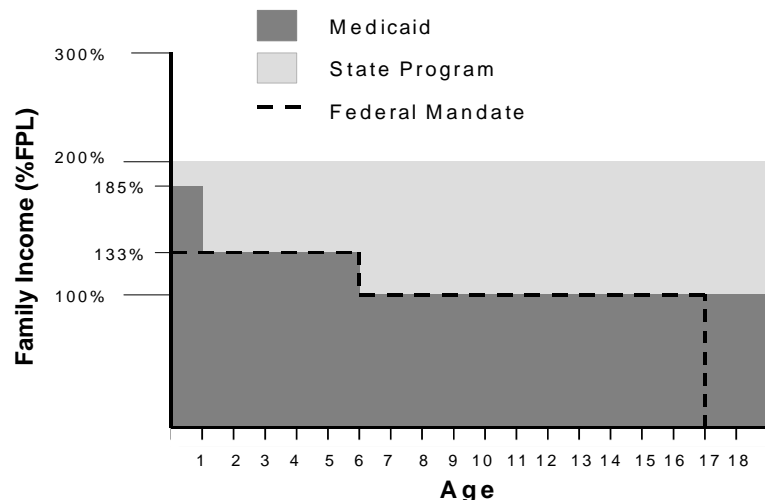
I. CONTINUED	NORTH CAROLINA		SOUTH ATLANTIC REGION		UNITED STATES	
I. Enrollees Under Age 21, by Race and Age, FY 1998#	<u>Enrollees</u>	<u>Percent</u>	<u>Enrollees</u>	<u>Percent</u>	<u>Enrollees</u>	<u>Percent</u>
Non-hispanic White	271,089	40.2%	1,531,128	38.1%	8,942,666	40.0%
Ages 0 Through 5	124,113	45.8%	653,253	42.7%	3,674,647	41.1%
Ages 6 Through 20	146,976	54.2%	877,875	57.3%	5,268,019	57.6%
Non-hispanic Black	316,857	47.0%	1,953,927	48.6%	6,572,457	29.4%
Ages 0 Through 5	126,631	40.0%	736,600	37.7%	2,493,510	37.9%
Ages 6 Through 20	190,226	60.0%	1,217,327	62.3%	4,078,947	62.1%
Hispanic	36,079	5.4%	341,932	8.5%	4,814,500	21.6%
Ages 0 Through 5	24,521	68.0%	174,997	51.2%	2,211,872	45.9%
Ages 6 Through 20	11,558	32.0%	166,935	48.8%	2,602,628	54.1%
Other	49,981	7.4%	196,408	4.9%	2,001,399	9.0%
Ages 0 Through 5	24,109	48.2%	105,952	53.9%	840,334	42.0%
Ages 6 Through 20	25,872	51.8%	90,456	46.1%	1,161,065	58.0%

II. POPULATION AND CHILD HEALTH DATA

A. Total Population, 1998	7,554,195	100.0%	48,928,149	100.0%	270,002,354	100.0%
Under Age 21	2,191,088	29.0%	14,000,712	28.6%	81,664,866	30.2%
Under Age 6	597,644	7.9%	3,906,606	8.0%	23,078,513	8.5%
Infants	95,679	1.3%	633,689	1.3%	3,800,560	1.4%
Age 1 Through 5	501,965	6.6%	3,272,917	6.7%	19,277,953	7.1%
Age 6 Through 20	1,593,444	21.1%	10,094,106	20.6%	58,586,353	21.7%
Age 21 and Older	5,363,107	71.0%	34,927,437	71.4%	188,337,488	69.8%
B. Infant Mortality, Low Birth Weight and Prenatal Care, 1997	<u>Total</u>	<u>White</u>	<u>Other</u>	<u>Total</u>	<u>White</u>	<u>Other</u>
Infant Mortality per 1,000 Live Births	9.2	6.9	14.9	8.3	6.1	13.5
Neonatal Mortality	6.5	4.8	10.6	5.8	4.2	9.5
Postneonatal Mortality	2.7	2.1	4.4	2.6	2.0	4.0
% Low Birth Weight Infants						
Under 2500 Grams	8.8	7.0	13.2	8.5	6.7	12.5
Under 1500 Grams	1.9	1.3	3.4	1.7	1.2	3.0
% Not Receiving Prenatal Care						
In First Trimester	15.5	11.9	24.4	15.4	11.8	23.7
Until Third Trimester or Not At All	2.9	2.0	5.2	3.3	2.3	5.7
C. Pediatrician and Other Child Health Physician Ratios, 1998						
<i>Children living in Health Service Areas* with:</i>	<u>Total</u>	<u>% Child Population</u> ⁺	<u>Total</u>	<u>% Child Population</u> ⁺	<u>Total</u>	<u>% Child Population</u> ⁺
Fewer than 55 Pediatricians per 100K Children ~	1,021,331	57%	4,873,224	42%	34,317,300	50%
Fewer than 82 Child Health Physician per 100K Children ~	999,300	56%	4,550,267	39%	34,202,498	50%

Notes: # Race categories may be inconsistent across state. Maine, for example, reported all enrollees as 'Other'. # Data for OK are from FY1996 and not included in regional and state totals. * Counties are grouped into Health Service Areas(HSAs, developed by the National Center for Health Statistics) based on commuting patterns within and across counties. ~ Median ratio for US. + Percents less than 0.5% are rounded to 0%. 'na' Data unavailable.

III. MEDICAID AND SCHIP PROGRAM ELIGIBILITY BASED ON FAMILY INCOME AS A PERCENTAGE OF THE FEDERAL POVERTY LEVEL (%FPL), June 2000



A. Title XIX Medicaid Eligibility and Expansions

By federal mandate, all states must cover pregnant women and children to age 6 to 133% of the Federal Poverty Level (FPL) and children through age 16 up to 100% FPL, as of October 1, 1999. In addition, 1996 federal welfare legislation requires states to use the AFDC income eligibility levels in effect as of July 16, 1996 to determine Medicaid eligibility. This establishes a state specific minimum eligibility level for poor children ages 17 through 18 (50% FPL for North Carolina, an equivalent of \$7,075 for a family of 3 in 2000).

North Carolina expanded its Title XIX Medicaid program to 185% FPL for pregnant women and infants and to 100% FPL for children ages 17 through 18. The Medically Needy were covered up to 36% FPL in 1998. As of 1998, there were a total of 41 states with Title XIX Medicaid expansions and 38 states covered the Medically Needy.

An estimated 56% of 260K uninsured children under age 19 in North Carolina were Medicaid eligible but unenrolled during 1998. Reports of children's health insurance status and Medicaid and SCHIP eligibility of uninsured children in the states can be downloaded from <http://www.aap.org/advocacy/schipef.htm>.

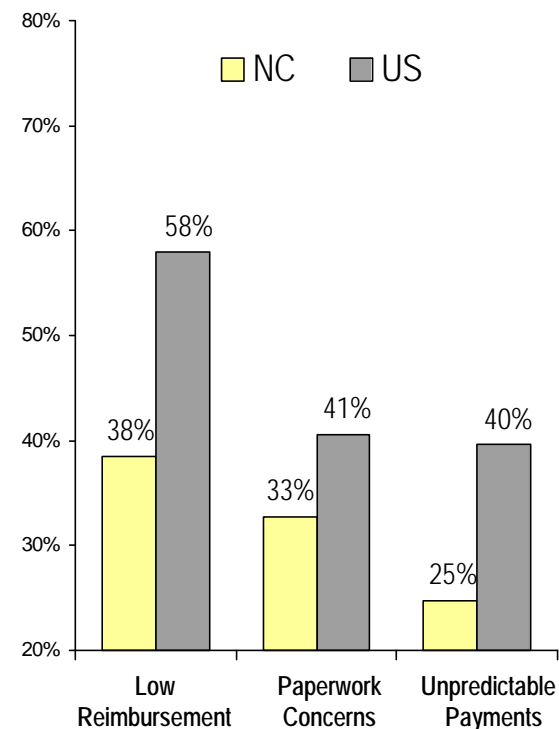
B. Title XXI Medicaid/SCHIP Program Eligibility

North Carolina's Title XXI state program covers children through age 18 to 200% FPL.

More information about SCHIP activities in the states, including the SCHIP Update, are available from reports published by the AAP's Department of Chapter and State Affairs, available at ["http://www.aap.org/advocacy/schip.htm"](http://www.aap.org/advocacy/schip.htm). An information clearinghouse on SCHIP program evaluation can be accessed at ["http://www.aap.org/advocacy/evaluation.htm"](http://www.aap.org/advocacy/evaluation.htm).

IV. BARRIERS TO PEDIATRICIAN PARTICIPATION IN MEDICAID, AAP SURVEY, 2000

Percent Pediatricians Rating Reason "Very Important" for Limiting Medicaid Participation



A survey sent to a random sample of 13,000 Fellows of the American Academy of Pediatrics in early 2000 found that low reimbursement, paperwork concerns, and unpredictable payments were the top 3 reasons pediatricians cited for limiting participation in the Medicaid program. Complete state reports of this survey and other studies conducted by the AAP Division of Health Policy Research can be accessed from the AAP Research page at ["http://www.aap.org/research"](http://www.aap.org/research).

REFERENCES:

- I A. Title XIX Federal Medicaid Assistance Percentages, Fiscal Years 1998. Health Care Financing Administration (HCFA)/Medicaid Bureau. Available at <http://www.hcfa.gov/medicaid/ofs%2Dffp.htm> . Federal medical assistance percentages and enhanced Federal medical assistance percentages, effective October 1, 1999-September 30, 2000 (Fiscal year 2000). Secretary of Health and Human Services. Available at <http://aspe.os.dhhs.gov/health/fmap00.htm> .
- I B. Medicaid Managed Care Enrollment, June 30, 1998. Health Care Financing Administration. Available at <http://www.hcfa.gov/medicaid/mcsten98.htm> .
- I C. Medicaid Births as a Percentage of Total Births, 1996 and 1997. National Governors' Association Center for Best Practices, January 2000. Available at <http://www.nga.org/Pubs/IssueBriefs/2000/000120MCHUpdate.asp> .
- I D. Financial Management Report for FY 1998. HCFA Medicaid Professional /Technical Information. Downloadable from <http://www.hcfa.gov/medicaid/ofs-64.htm> .
- I E-I. Medicaid Statistical File, FY 1996 -1998. Health Care Financing Administration.

- II A. Population Estimates for the US and States by Single Year of Age and Sex: July 1, 1998. Population Division, US Census Bureau. Downloadable from <http://www.census.gov/population/estimates/state/stats/st-99-11.txt>.
- II B. National Vital Statistics Report, Vol. 47, No. 18, April 29, 1999. National Vital Statistics Report, Vol. 47, No. 19, June 30, 1999. National Vital Statistics Report, Vol. 48, No. 3, March 28, 2000. National Center for Health Statistics, Centers for Disease Control and Prevention. Additional statistics provided by staff from the NCHS Mortality and Natality Statistics Branches.
- II C. Physician Workforce Ratios for Child Health, 1998. American Academy of Pediatrics, 2000.

- III A-B. "Medicaid and SCHIP Income Eligibility Guidelines for Children" and "Title XXI Medicaid Expansion Population and Date of Implementation", reports published by the Department of Chapter and State Affairs, American Academy of Pediatrics, August 2000. Medically Needy Income Limits and Resource Limits for Aged, Blind, and Disabled People. The Urban Institute, October 1998. Downloadable from <http://newfederalism.urban.org/pdf/discussion99-09.pdf>. American Academy of Pediatrics analysis of 1999 March Demographic File, Current Population Survey.

- IV. 2000 Pediatrician Participation Survey. American Academy of Pediatrics, 2000.

Medicaid State Reports, FY 1994 through 1998, are available in Adobe Acrobat PDF format on the Research page of the AAP Web site, at <http://www.aap.org/research/medicaid.htm>. Contact Suk-fong Tang, PhD, Division of Health Policy Research, with comments about the report; contact Dan Walter, Department of Chapter and State Affairs, for Medicaid questions and advocacy advice.