

North Carolina
State Plan for
Vocational Education

FISCAL YEARS 1981 - 1982

State Board of Education Raleigh, North Carolina



NORTH CAROLINA
STATE PLAN
FOR
VOCATIONAL EDUCATION

FISCAL YEARS 1931 - 1932

STATE BOARD OF EDUCATION
RALEIGH, NORTH CAROLINA

Introduction

The Educational Amendments of 1978 (Public Law 95-561) authorized the Commissioner to require that a three-year plan be substituted for the annual plan.

North Carolina complied with this directive prior to receiving notification in January, 1980, that the three-year plan was optional.

North Carolina decided to continue the development of a three-year plan. Therefore, the FY 1980 State Plan is hereby incorporated and made a part of the three-year plan. The three-year plan is comprised of fiscal years 1980, 1981, and 1982. The remaining portion of the three-year plan, fiscal years 1981 and 1982, are contained herein.

This document is essentially a combination of two annual plans, FY 1981 and FY 1982. Pertinent tables, related to enrollment and funding goals, fiscal summaries and comparative summaries are developed separately for each of the two years. Those tables which present like information for each of the two years, usually appear back to back or in sequence and are properly identified as FY 1981 or FY 1982.

An exception to the above will be found in the omission of the FY 1982 allotment to recipients tables at both secondary and postsecondary levels. An explanation may be found on Page 144.

APPROVAL

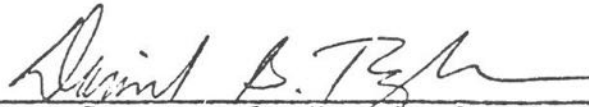
The FY 1980-82 Three-Year Plan and the FY 79 Accountability Report for the administration of Vocational Education under Title II of the Education Amendments of 1976 (P.L. 94-482) is hereby approved by the U.S. Assistant Secretary for Vocational and Adult Education.

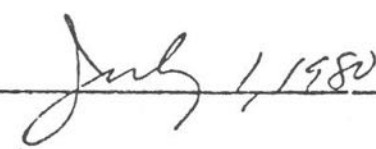
Submitted by the State of North Carolina

Adopted by State Board for Vocational Education

Date Submitted
to Office of Vocational & Adult Education May 14, 1980

Effective Date of Plan July 1, 1980

APPROVED: 
Assistant Secretary for Vocational and Adult Education

DATE APPROVED: 

Certificate of State Board

State of North Carolina

I hereby certify that the attached FY 1981-1982 State Plan and FY 1979 Accountability Report for Vocational Education was adopted by the North Carolina State Board of Education on May 8, 1980. The State Plan and Accountability Report as submitted, constitutes the basis for the administration and operation of the State's program established pursuant to the Vocational Education Amendments of 1976, Public Law 94-482, Education Amendments of 1978, Public Law 95-561, and to the State Board's policies, rules, and regulations.

All information and representations contained in the Plan and Accountability Report as of this date are accurate to the best of my knowledge and belief.

N. C. State Board of Education
(Official Name of State Board)

5-12-80
(Date)

By: A. Laiz Phillips
State Superintendent

Certificate of Attorney General

State of North Carolina

1. That the North Carolina State Board of Education is the State Board in this State within the meaning of Section 104(a)(1) of Public Law 94-482;
2. That said Board has the authority under State law to submit a State Plan and Accountability Report;
3. That said Board has authority to administer or supervise the administration of the foregoing State Plan and Accountability Report;
4. That all of the provisions of the foregoing Plan and Accountability Report can be carried out by the State;
5. That the State Superintendent of Public Instruction has been duly authorized by the North Carolina State Board of Education to submit the foregoing State Plan and Accountability Report and to represent the State Board in all matters pertaining thereto.

13 MAY 1980
(Date)

(Signed) Andrew A. Ure, Jr.
Senior Deputy Attorney General

Certificate of State Board

State of North Carolina

I hereby certify that the State Board for Vocational Education has not delegated any of its responsibilities in the operation of Vocational Education in North Carolina, except:

The State Board of Education at the March, 1980, meeting adopted the following resolution:

NOW, THEREFORE, BE IT RESOLVED that the State Board of Education in the administration of General Statute 115-235.4 recognizes the governing authority of the State Board of Community Colleges and Technical Institutes over postsecondary vocational education, effective January 1, 1981, and accepts the following procedures in administering its authority as the State Board for Vocational Education.

1. The division of federal funds, within discretionary limits, shall require concurrence of the State Board of Community Colleges and Technical Institutes.
2. The portion of the approved State Plan for postsecondary vocational education shall be that approved by the State Board of Community Colleges and Technical Institutes.

I also certify that all eligible recipients were notified of their responsibility to establish advisory councils, and assurances were given through the local plans of the establishment of such councils.

I further certify that all of the representatives required in Section 107 of Public Law 94-482 were afforded the opportunity for involvement in the formulation of the State Plan.

I further certify that the State Planning Group met according to the dates given below. The meetings of the Planning Group were September 20, 1979, December 13, 1979, and March 25, 1980.

5-12-80

(Date)

North Carolina State Board of Education
(Official Name of State Board)

By:

A. Craig Phillips
State Superintendent of Public Instruction

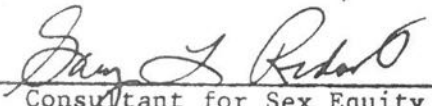
NORTH CAROLINA STATE BOARD OF EDUCATION

FY 1981-1982 ANNUAL VOCATIONAL EDUCATION STATE PLANS

AND FY 1979 ACCOUNTABILITY REPORT

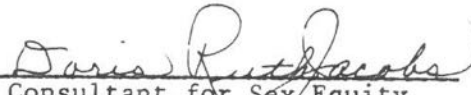
CERTIFICATION BY CONSULTANTS FOR SEX EQUITY

In compliance with the requirements of Public Law 94-482, we hereby certify that we were afforded the opportunity to review the FY 1981-82 Annual Plans and the FY 1979 Accountability Report to assure equal access to vocational education programs by both men and women.



Consultant for Sex Equity
(Secondary)

2-21-80
(Date)



Consultant for Sex Equity
(Post-Secondary)

2/21/80
(Date)

CERTIFICATE OF PUBLIC HEARINGS

STATE OF NORTH CAROLINA

1. *Notification of dates and purposes for the public hearings on the Fiscal Years 1981-1982 State Plan and Fiscal Year 1979 Accountability Report was provided as follows:*

Date of
Notification

December 7, 1979

- ° Superintendents of Schools
- ° Regional Center Directors
- ° State Board Members
- ° Presidents of Community Colleges, Technical Colleges, and Technical Institutes
- ° Local Directors of Vocational Education
- ° State Advisory Council on Education
- ° Vocational Teacher Educators
- ° NC Vocational Association Board of Directors
- ° Program Advisory Committees
- ° Selected Department of Public Instruction Staff
- ° Selected Department of Community Colleges Staff
- ° State Plan Committee Members
- ° Selected American Indians Representatives
- ° State Vocational Student Organizations' Officers
- ° Selected Lay People
- ° Organizations Concerned with Status of Women
- ° NC Congress of Parents and Teachers
- ° Selected Business, Professional, Trade, and Commodity Organizations

December 7, 1979

- News Releases-
- ° Newspapers - Approximately 22
 - ° Radio and TV - 15
 - ° Wire Services (AP & UPI)

December 7, 1979

- ° Newspapers - Paid Public Hearing Notices
14 Minority and 8 Predominantly White

2. *Public Hearings on the Fiscal Years 1981 and 1982 State Plan and Fiscal Year 1979 Accountability Report for Vocational Education were held as follows:*

| <u>Date</u> | <u>Place</u> |
|------------------|--|
| January 14, 1980 | East Duplin High School Auditorium Beulaville, North Carolina |
| January 15, 1980 | Nash Technical Institute Auditorium Rocky Mount, North Carolina |
| January 17, 1980 | Asheville High School Media Center Asheville, North Carolina |
| January 18, 1980 | Lexington Senior High School Auditorium Lexington, North Carolina |

3. *The hearings were conducted by:* the North Carolina State Board of Education with Dr. John Tart, Chairman of the Vocational Education Committee of the State Board and Dr. C. B. Belcher, State Director of Vocational Education, presiding.

The various publics were notified that the hearings provide an opportunity for citizens of the state to express views on:

- the goals that should be adopted in the State Plan,
- the programs to be offered under the State Plan,
- the allocation of responsibility for programs among the various levels of education and among the various institutions,
- the allocation of federal, state, and local resources to meet those goals, and
- a report on the FY 1979 Annual Program for Vocational Education as related to program implementation and the extent to which goals in the 1979 Plan were met.

There were 27 comments or concerns expressed by members of the groups and to which the State Board will respond. Eleven of the presenters furnished prepared manuscripts. All others present were given an opportunity to express concerns, raise questions and make recommendations relative to vocational education at the secondary or postsecondary levels. The hearings were taped, and pertinent notes were taken on each presentation.

There were many favorable comments on vocational education as administered and conducted in this state; however, some concerns were expressed and recommendations were made. Many of the recommendations have, or will be incorporated into the State Plan. The suggestions that seem to be contrary to Board Policy or required additional funding or time to implement will either be rejected or may require additional consideration.

Comments and responses from the hearings are summarized and appear as an Appendix to this Plan.

5-12-80

(Date)

North Carolina State Board of Education
(Official Name of State Board)

By:

A. Craig Phillips
State Superintendent of Public Instruction

Certificate of the Vocational Education State Plan Committee

State of North Carolina

The following members were appointed to the planning group by the Superintendent, Department of Public Instruction; the State President, Department of Community Colleges (by authorization from the State Board); or the agency specified in the Act.

We, the undersigned, certify that we have had the opportunity to actively participate in the formulating of the Fiscal Years 1981-1982 State Plan and Fiscal Year 1979 Accountability Report as required by Section 108 of the Act. We further certify that the signatures below constitute a recommendation for adoption of the Fiscal Years 1981-1982 State Plan and the FY 1979 Accountability Report.

The planning group met on September 20, 1979; December 13, 1979; and March 25, 1980.

Date of Signatures by Committee Members

March 25, 1980

State Agency - Secondary
Dudley Flood, Assistant Superintendent
Raleigh, North Carolina

Dudley E. Flood

State Agency - Postsecondary
Jean Overton, Assistant Director--Business Programs
Raleigh, North Carolina

Jean Overton

State Agency - Community Colleges
Major Boyd, Director
Adult Developmental Services
Raleigh, North Carolina

Major M. Boyd

Higher Education
Robert Williams, Associate Vice President
Academic Affairs
University of North Carolina
General Administration, Chapel Hill

Robert Williams

Local School Board
James Atkins, Wake County
Distributive Education/Agriculture

James E. Atkins

Byrde Chambers
Board of Trustees
Technical Institute of Alamance
Burlington, North Carolina

Byrde Chambers

Vocational Educators
Peggy Morgan, Health Occupations
Sylva-Webster High School
Sylva, North Carolina

Peggy Morgan

Roy Thomas, Instructor
Surry Community College

Roy Thomas

Local School Administrators
Kathryn Lewis, Assistant Superintendent
Greenville, North Carolina

Kathryn Lewis

Jack Young, President
Roanoke/Chowan Technical Institute

Jack Young
Ray Oxendine

Ray Oxendine, Principal
East Montgomery High School
Biscoe, North Carolina

Dorothy Carter, Dean of Occup. Education
Randolph Technical College
Asheboro, North Carolina

Dorothy Carter

Evelyn Withers, Local Director
Gaston County Schools

Evelyn Withers

Lois Denny, Director
Sampson Technical Institute

Lois Denny

State Manpower Services Council
Charles Parker
North Carolina Employment and Training Council
Raleigh, North Carolina

Charles Parker

State Advisory Council
Lauretta D. Parker
Ahoskie, North Carolina

Coleman C. Markham for
Lauretta D. Parker

North Carolina does not have a comprehensive postsecondary planning agency.



STATE OF NORTH CAROLINA
OFFICE OF THE GOVERNOR
RALEIGH 27611

JAMES B. HUNT, JR.
GOVERNOR

GOVERNOR'S
COMMENTS ON STATE PLAN

DATE: May 7, 1980

PLAN DOCUMENT: FY81 State Plan for Vocational Education

SUBMITTED BY: Department of Public Education

SUBMITTED ON: March 26, 1980

COMMENTS: The above referenced State Plan is generally in keeping with State policy objectives, and does not appear to be in conflict with any other statewide comprehensive plans or state agency programs.

As the Governor's designee for review and evaluation of State Plans, pursuant to OMB Circular A-95, Part III, I hereby approve this State Plan.

A handwritten signature in black ink, appearing to read "Arnold Zogry", written over a horizontal line.

Arnold Zogry
Deputy Secretary for
Policy and Management
North Carolina Department
of Administration

CERTIFICATION OF THE STATE ADVISORY COUNCIL

TO WHOM IT MAY CONCERN:

Title II of the Education Amendments of 1976 (Public Law 94-482, as amended) declares that the "State Advisory Council shall advise the State Board in the development of the five-year State plan . . . and the annual program plan and accountability report . . . and shall advise the State Board on policy matters arising out of the administration of programs under such plans and reports." Also, the applicable rules and regulations pertaining to the federal law provides that "A statement describing its [State Advisory Council's] consultation with the State Board shall be submitted with the five-year plan, and the annual program plan and accountability report"

In response to these directives, the State Advisory Council indicates the following as evidence of its consultation and advice to the State Board of Education:

- At the October 1979 meeting of the State Board of Education, the State Advisory Council provided a copy of a study for each member's consideration. This study was entitled "The Effect of Using Federal Vocational Education Funds for Community College Construction." Each Board member was also provided a copy of the Council's 1979 Annual Report for their review.
- At the November 1979 meeting of the State Board, the Chairman of the State Advisory Council presented the 1979 Annual Report entitled A Time to Develop. In his prepared remarks, the Chairman urged the Board to work to reduce school dropouts, to address the need for technical education, to implement a comprehensive evaluation system, and to provide for a smooth transition of the Community College System to a separate board by establishing a consistent policy on adult education.
- At the February 1980 meeting of the State Board, it was announced that the State Advisory Council had scheduled its annual film and statewide FORUM meetings. State Board members were invited to participate in the FORUM program.
- Members of the State Board of Education attended three of the State Advisory Council meetings in 1979-80.
- During 1979-80, members of the State Advisory Council spoke at a number of public hearings held by the State Board of Education, including the following:
 - September 1979: Hearing on Post-secondary Funding
 - October 1979: Hearing on a Master Plan for Guidance
 - January 1980: Hearing on the Extended School Day Program
Hearing on a Master Plan for Vocational Education

- In January 1980, the State Board of Education held four public hearings on the state plan for vocational education. A Council member spoke at each of those hearings. The State Board's response to these statements and to the Council's recommendations in its 1979 Annual Report is contained in the State Plan for Vocational Education 1981-82 and the Accountability Report for 1979. The State Plan and Accountability Report were adopted by the State Board of Education at its May 8, 1980, meeting.
- The Council was represented on the committee established by the State Board of Education to develop the State Plan for Vocational Education 1981-82 and the Accountability Report for 1979. During the meetings, reports and concerns of the State Advisory Council were shared with the committee members.

The State Advisory Council reports this record of consultation, advice, and cooperation with the State Board of Education. We hope this relationship can be expanded and improved in the coming year in order to achieve the full and unrestricted collaboration suggested in federal law and Executive Order No. 25 promulgated by the Governor.

The foregoing was adopted by the State Advisory Council at a regular meeting on May 23, 1980. The Executive Director was directed to submit this as evidence of the Council's consultation with the State Board in developing the Annual Program Plan and the Accountability Report.

May 27, 1980
Date

Michael Lutz
Authorizing Representative

FISCAL YEARS 1981-1982 PLAN FOR VOCATIONAL EDUCATION

This State Plan for fiscal years 1981-1982 sets forth the goals, objectives and projected programs with appropriate funding for the fiscal years of 1981-1982 to indicate progress toward meeting goals of the Five Year Plan, 1978-1982.

The Plan presents some updated information, goals and funding due to improved or later data, different projection methodology, and different funding levels. Significant changes in the Plan will be indicated.

Requirements of State Board policy and Federal Rules and Regulations, based on Title II of the Education Amendments of 1976, have been followed in the development of this Plan.

The involvement of many persons, groups, agencies and institutions are manifested in the document as evidenced by certifications and results of involvement.

Socio-economic information and data which underlie the need for vocational education in North Carolina are presented.

This Annual Plan projects for FY 1981-82 the following types of socio-economic information, numerical data and goals:

- . Population and economic information relating to need for vocational education
- . Job openings as related to some 135 clusters of instructional programs
- . Enrollments in the 135 instructional programs; by secondary, postsecondary, and adult levels
- . Number of projected completers within these instructional programs as related to job openings
- . Estimated federal, state, and local expenditures by instructional program in each of the three levels
- . Enrollments within Consumer and Homemaking programs with estimated expenditures
- . Changes in enrollment and funding from original projections in the Five Year Plan
- . Basic grant monies to local education agencies and institutions
- . Special grants to local education agencies and institutions
- . Consumer and Homemaking allocations to local education agencies

- . Projected program funding by subparts and purposes of the Act for secondary, postsecondary, and adult programs

The Plan also includes:

- (a) Results of coordination of manpower training programs and programs funded under this Act;
- (b) Results of requirements for providing equal access to programs by both men and women;
- (c) Results of participation of local advisory councils

The appendices contain comments and responses from the public hearing and applications of the formulas for distributing funds to local education agencies.

POPULATION, EDUCATION AND EMPLOYMENT NEEDS

This section of the FY 1981-1982 Plan for Vocational Education presents data and information relative to vocational education needs of the population of North Carolina.

Information on population, education needs, employment and other special characteristics is presented through maps and tables. The data presented provide a basis upon which programs are planned and certain allocations for funding based on criteria are made.

Population Characteristics

The projections of the State's population, as revealed in Table 1 show that by 1980 a total of 5.8 million will be reached. This represents a growth of 14 percent since the 1970 census, or an average annual growth of about 1.4 percent. Approximately half of this growth has come from natural increase while the remainder has come from in-migration.

- . There was a net out-migration in the 1960's of almost 2.0 percent, due mainly to non-white migration.
- . A growth of 6.9 percent, or 372,000, is expected between 1975 and 1980.
- . The migration pattern has reversed for both white and non-whites from 1970 to 1980.
- . It is estimated that 76.8 percent of the State's 1980 population will be white.
- . The non-white population will increase to 22 percent in the metropolitan areas (SMSAs) by 1980.
- . Females will compose 51.5 percent of the population.
- . Median age of population will increase from 26 in 1970, to 29 by 1980, reflecting an aging population increase of those 65 and older to 10 percent of the total population.
- . The school age population will decrease by 6.3 percent during the decade, while the group 18-21 years, will increase but will have leveled off by 1980.
- . Table 2 presents a population pyramid with population projections and differentials by 5 year groupings. The combined 15-24 year groupings represent 1,167,595 or approximately 20 percent of the total. These are prime ages for secondary and early postsecondary vocational education and entry into the labor force. Table 2 also presents the declining 14 year and under population.

TABLE 1

NORTH CAROLINA

PROJECTED POPULATION, APRIL 1, 1980 BY AGE, RACE, AND SEX

| AGE | TOTAL | WHITE | | | NONWHITE | | |
|-------|---------|---------|---------|---------|----------|--------|--------|
| | | TOTAL | MALE | FEMALE | TOTAL | MALE | FEMALE |
| TOTAL | 5813773 | 4458908 | 2176395 | 2282513 | 1354865 | 640586 | 714279 |
| 0-4 | 399171 | 282077 | 144921 | 137156 | 117094 | 59289 | 57805 |
| 5-9 | 436034 | 311340 | 159675 | 151665 | 124694 | 62260 | 62434 |
| 10-14 | 464555 | 336612 | 172772 | 163840 | 127943 | 64791 | 63152 |
| 15-19 | 565807 | 408692 | 215489 | 193203 | 157115 | 81140 | 75975 |
| 20-24 | 601789 | 445587 | 232410 | 213177 | 156202 | 74797 | 81405 |
| 25-29 | 515612 | 391695 | 196114 | 195581 | 123917 | 58245 | 65672 |
| 30-34 | 457881 | 363186 | 178054 | 185132 | 94695 | 44735 | 49960 |
| 35-39 | 363224 | 295669 | 147177 | 148492 | 67555 | 31601 | 35954 |
| 40-44 | 305981 | 249909 | 122531 | 127378 | 56072 | 24878 | 31194 |
| 45-49 | 286595 | 234175 | 113823 | 120352 | 52420 | 22573 | 29847 |
| 50-54 | 297621 | 240848 | 115226 | 125622 | 56773 | 24875 | 31898 |
| 55-59 | 282397 | 229867 | 107298 | 122569 | 52530 | 23115 | 29415 |
| 60-64 | 253323 | 204128 | 91790 | 112338 | 49195 | 21671 | 27524 |
| 65-69 | 213436 | 168313 | 71489 | 96824 | 45123 | 18967 | 26156 |
| 70-74 | 163629 | 131100 | 52289 | 78811 | 32529 | 13214 | 19315 |
| 75-79 | 101934 | 82228 | 29643 | 52585 | 19706 | 7131 | 12575 |
| 80-84 | 59526 | 49033 | 15910 | 33123 | 10493 | 3899 | 6594 |
| 85&UP | 45258 | 34449 | 9784 | 24665 | 10809 | 3405 | 7404 |

PERCENT OF COLUMN TOTAL

| | | | | | | | |
|-------|-------|------|-------|------|-------|-------|-------|
| 0-4 | 6.87 | 6.33 | 6.66 | 6.01 | 8.64 | 9.26 | 8.09 |
| 5-9 | 7.50 | 6.98 | 7.34 | 6.64 | 9.20 | 9.72 | 8.74 |
| 10-14 | 7.99 | 7.55 | 7.94 | 7.18 | 9.44 | 10.11 | 8.84 |
| 15-19 | 9.73 | 9.17 | 9.90 | 8.46 | 11.60 | 12.67 | 10.64 |
| 20-24 | 10.35 | 9.99 | 10.68 | 9.34 | 11.53 | 11.68 | 11.40 |
| 25-29 | 8.87 | 8.78 | 9.01 | 8.57 | 9.15 | 9.09 | 9.19 |
| 30-34 | 7.88 | 8.15 | 8.18 | 8.11 | 6.99 | 6.98 | 6.99 |
| 35-39 | 6.25 | 6.63 | 6.76 | 6.51 | 4.99 | 4.93 | 5.03 |
| 40-44 | 5.26 | 5.60 | 5.63 | 5.58 | 4.14 | 3.88 | 4.37 |
| 45-49 | 4.93 | 5.25 | 5.23 | 5.27 | 3.87 | 3.52 | 4.18 |
| 50-54 | 5.12 | 5.40 | 5.29 | 5.50 | 4.19 | 3.88 | 4.47 |
| 55-59 | 4.86 | 5.16 | 4.93 | 5.37 | 3.88 | 3.61 | 4.12 |
| 60-64 | 4.36 | 4.58 | 4.22 | 4.92 | 3.63 | 3.38 | 3.85 |
| 65-69 | 3.67 | 3.77 | 3.28 | 4.24 | 3.33 | 2.96 | 3.66 |
| 70-74 | 2.81 | 2.94 | 2.40 | 3.45 | 2.40 | 2.06 | 2.70 |
| 75-79 | 1.75 | 1.84 | 1.36 | 2.30 | 1.45 | 1.11 | 1.76 |
| 80-84 | 1.02 | 1.10 | 0.73 | 1.45 | 0.77 | 0.61 | 0.92 |
| 85&UP | 0.78 | 0.77 | 0.45 | 1.08 | 0.80 | 0.53 | 1.04 |

ESTIMATED RATE OF NET MIGRATION

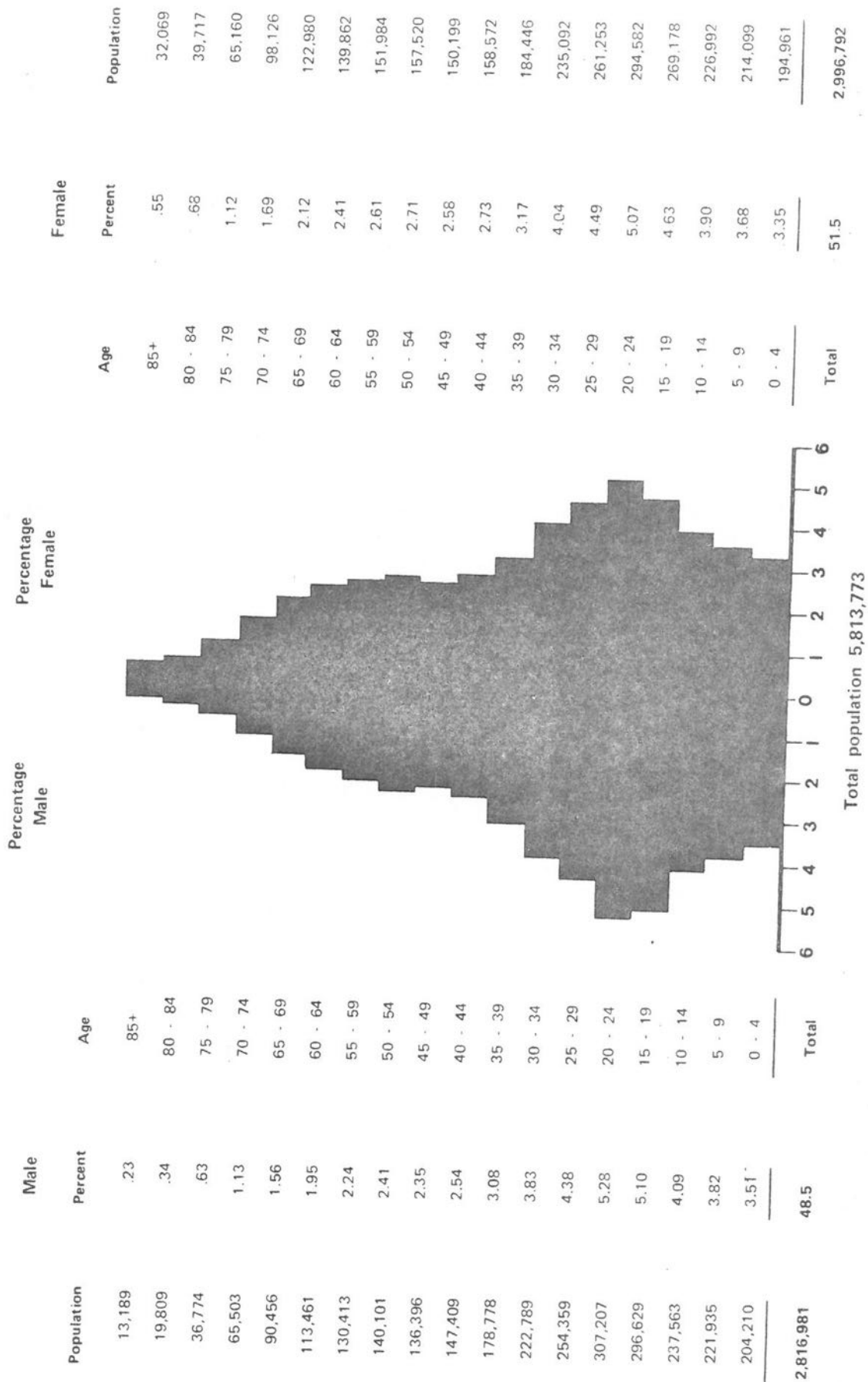
| | | | | | | | |
|-----------|-------|------|------|------|--------|--------|--------|
| 1960-1970 | -1.94 | 2.99 | 2.99 | 2.99 | -15.34 | -16.06 | -14.66 |
| 1970-1980 | 6.88 | 8.30 | 8.12 | 8.47 | 2.47 | 1.26 | 3.58 |

SOURCE - N. C. DEPARTMENT OF ADMINISTRATION
DIVISION OF STATE BUDGET AND MANAGEMENT

PREPARED JANUARY 1978

TABLE: 2

NORTH CAROLINA POPULATION PYRAMID: 1980



Education

GRADES K-12 PUPIL MEMBERSHIP BY RACE/ETHNIC ORIGIN*
1975-76 to 1978-79

TABLE: 3

| | American Indian/ Alaskan Native | Black | Asian/ Pacific Islander | Hispanic | White | Total |
|---------|--|---------|-------------------------------|----------|---------|-----------|
| 1975-76 | 15,380 | 348,393 | 2090 | 1479 | 815,480 | 1,182,822 |
| 1976-77 | 15,399 | 351,747 | 2178 | 1704 | 822,741 | 1,193,769 |
| 1977-78 | 16,644 | 351,931 | 2994 | 1891 | 813,627 | 1,187,087 |
| 1978-79 | 16,693 | 349,185 | 2981 | 1881 | 798,808 | 1,169,548 |

*Source: Division of Management Information, NCDPI

Although updated data on education in general will not be available until the next census of population interim reports on education status, and especially vocational education, have improved remarkably since 1970. Table 3 shows changes in K-12 pupil membership-mix from 1976 to 1979. The non-whites are gaining in absolute numbers enrolled while the whites show a decrease. This is due to differentials in birth rates and to some extent the mobility and migration of people.

VOCATIONAL ENROLLMENT BY RACIAL/ETHNIC GROUP
Secondary, Post-Secondary and Adult
1977-78

TABLE: 4

| | Total-All Levels | | | Secondary | Post- Secondary (Degree Credit Only) | Adult |
|---------------------------------------|------------------|---------|---------|-----------|--|---------|
| | Total | Male | Female | | | |
| American Indian, or Alaskan Native | 7,771 | 4,623 | 3,148 | 4,318 | 621 | 2,832 |
| Black | 165,712 | 94,105 | 71,607 | 97,879 | 16,768 | 51,065 |
| Asian, or Pacific Islander | 1,250 | 716 | 534 | 576 | 174 | 500 |
| Hispanic | 2,818 | 1,938 | 880 | 864 | 329 | 1,625 |
| White | 443,685 | 253,061 | 190,624 | 184,241 | 51,969 | 207,475 |
| Total | 621,236 | 354,443 | 266,793 | 287,878 | 69,861 | 263,497 |

TABLE: 7(a)

NORTH CAROLINA
Labor Force by Sex and Minority Status
1977

| Sex and Minority Status | Labor Force | Employed | Unemployed | Percent Distribution | | Unemployment Rate |
|------------------------------------|-------------|-----------|------------|----------------------|----------|-------------------|
| | | | | Labor Force | Employed | Unemployed |
| <u>Both Sexes</u> | | | | | | |
| 1. Total | 2,620,000 | 2,465,000 | 155,000 | 100.0 | 100.0 | 100.0 |
| 2. White | 2,091,100 | 1,993,200 | 97,900 | 79.8 | 80.8 | 63.2 |
| 3. Black | 508,100 | 453,100 | 55,000 | 19.4 | 18.4 | 35.5 |
| 4. Other Races | 20,800 | 18,700 | 2,100 | 0.8 | 0.8 | 1.3 |
| 5. Spanish-American ^{1/} | 7,500 | 6,900 | 600 | 0.3 | 0.3 | 0.4 |
| 6. Minority Group ^{2/} | 536,400 | 478,700 | 57,700 | 20.5 | 19.4 | 37.2 |
| <u>Female</u> | | | | | | |
| 7. Total | 1,094,600 | 1,003,000 | 91,600 | 100.0 | 100.0 | 100.0 |
| 8. Percent of both sexes | 41.8 | 40.7 | 59.1 | -- | -- | -- |
| 9. White | 849,300 | 793,800 | 55,500 | 77.6 | 79.2 | 60.5 |
| 10. Black | 236,800 | 202,000 | 34,800 | 21.6 | 20.1 | 38.0 |
| 11. Other Races | 8,500 | 7,200 | 1,300 | 0.8 | 0.7 | 1.5 |
| 12. Spanish-American ^{1/} | 3,100 | 2,700 | 400 | 0.3 | 0.3 | 0.4 |
| 13. Minority Group ^{2/} | 248,400 | 211,900 | 36,500 | 22.7 | 21.1 | 39.9 |

^{1/} Spanish-Americans are also counted in the racial categories as white, black or other races.
^{2/} Sum of Spanish-American ethnic group and all races except white.

SOURCE: North Carolina Employment Security Commission

TABLE 7(b)
OCCUPATION OF EMPLOYED PERSONS, BY SEX AND MINORITY STATUS
NORTH CAROLINA 1978

| OCCUPATIONAL CATEGORIES | TOTAL | | | MALE | | | FEMALE | | | Female Employment as Percent of Total | |
|--|--------------|--------------|-----------------|--------------|--------------|-----------------|--------------|--------------|-----------------|---------------------------------------|-----------------------------------|
| | Total (1) | White (2) | Minority (3) | Total (4) | White (5) | Minority (6) | Total (7) | White (8) | Minority (9) | Total (10) | White (11) Minority (12) |
| Total Number (Employment 1978) | 2,562,000 | 2,071,600 | 490,400 | 1,519,500 | 1,246,600 | 272,900 | 1,042,500 | 825,000 | 217,500 | 40.7 | 32.2 8.5 |
| Prof., Technical & Related | 281,300 | 248,590 | 32,740 | 147,590 | 136,390 | 11,200 | 133,740 | 112,200 | 21,540 | 47.5 | 39.9 7.6 |
| Nonfarm Managers & Adms. | 190,960 | 182,300 | 8,660 | 160,670 | 154,250 | 6,420 | 30,290 | 28,050 | 2,240 | 15.9 | 14.7 1.2 |
| Sales | 154,060 | 147,080 | 6,980 | 97,760 | 94,280 | 3,480 | 56,300 | 52,800 | 3,500 | 36.5 | 34.3 2.2 |
| Clerical | 360,660 | 329,390 | 31,270 | 97,200 | 85,190 | 12,010 | 263,460 | 244,200 | 19,260 | 73.0 | 67.7 5.3 |
| Crafters, Supervisors & Related | 371,580 | 327,310 | 44,270 | 347,570 | 306,690 | 40,880 | 24,010 | 20,620 | 3,390 | 6.5 | 5.5 1.0 |
| Operatives, Excpt. Transport | 573,020 | 453,680 | 119,340 | 258,870 | 200,400 | 58,470 | 314,150 | 253,280 | 60,870 | 54.8 | 44.2 10.6 |
| Transport Equip. Operatives | 101,330 | 76,650 | 24,680 | 97,370 | 73,350 | 24,020 | 3,960 | 3,300 | 660 | 3.9 | 3.3 0.6 |
| Laborers, Nonfarm | 129,010 | 76,650 | 52,360 | 113,120 | 65,100 | 48,020 | 15,890 | 11,550 | 4,340 | 12.3 | 9.0 3.3 |
| Service Workers (Except Private Households) | 220,100 | 138,800 | 81,300 | 93,910 | 57,950 | 35,960 | 126,190 | 80,850 | 45,340 | 57.3 | 36.7 20.6 |
| Private Household Workers | 60,640 | 10,360 | 50,280 | 1,660 | 460 | 1,200 | 58,980 | 9,900 | 49,080 | 97.2 | 16.3 80.9 |
| Farm Workers | 119,310 | 80,790 | 38,520 | 103,780 | 72,540 | 31,240 | 15,530 | 8,250 | 7,280 | 13.0 | 6.9 6.1 |

SOURCE: Data Adapted From Manpower Information For Affirmative Action Programs 1980
North Carolina Employment Security Commission

Explanation of Table 7(b)

Table 7(b) presents North Carolina employment data by eleven major occupational categories for the year 1978. Employment data are presented to show total numbers by white and minority workers, by male and female and finally by percentages of women, white and minority, employed in the various occupational categories.

Of the total number of workers for all categories 40.7% are women. Of the 40.7% of women working, 32.2% are white women and 8.5% are minority women. This ratio is rather close to the racial make up of the population in North Carolina.

Women rank more closely with men in the Professional, Technical and Related category with 47.5% of the total employment in this area. This may be due to the large number of female teachers and professional nurses. The percentage of minority women in these occupations is considerably less than their ratio in the population.

Nonfarm Managers and Administrators category is a male dominated grouping with only 15.9% of the jobs held by women. Minority women occupy only 1.2% of the jobs in this group. Minorities, both male and female, occupy only 4.5% of the jobs in this employment grouping.

Males seem to dominate the Sales grouping with 63.5% of the jobs. White females have 34.3% of jobs with minority females occupying only 2.2% of the total jobs in sales, while white males held 61.2 of the total sales jobs.

The Clerical category is one of the larger occupational groups for North Carolina with employment of 360,660 persons. Women occupy 73.0% of the jobs in this field; white females 67.7%, while minority females occupy only 5.3% of the jobs.

Craftworkers, Supervisors and Related category is largely a male dominated grouping with 93.5% of the workers. White females comprise only 5.5% while minority females occupy only 1.0% of the jobs.

Females comprise 54.8% of the workers in the Operative group with minority females comprising 10.6% of the total employment. The Operative group includes textile and garment workers which employ many females.

Females comprise only 3.9% of the workers in Transport Equipment Operatives with minority females holding less than 1.0% of the jobs.

Females occupy 57.3% of the Service Workers category, with 36.7% of the jobs held by white females and 20.6% by minority females.

Minority females dominate the Private Household Workers group with 80.9% of the employment. Following the operative group, private household work employs more minority females than any other grouping, supplying employment to 49,080 minority females.

Although female employment level continues to be low in many areas which have been historically male dominated, progress is being made through efforts in affirmative action, equal employment opportunities, and open enrollment in vocational classes, which prepares students for both traditional and non-traditional jobs. While Table 7(b) presents the employment picture by occupation, sex and race, Table 4 presents the vocational education enrollment by level, sex and race.

TABLE 8(a)

PROJECTED EMPLOYMENT NEEDS RELATED
TO VOCATIONAL EDUCATION, 1980-1982
NORTH CAROLINA

| OE Course Number | Instructional Program | TOTAL EMPLOYMENT | | ANNUAL AVERAGE NEEDS |
|--------------------------------|--------------------------------|------------------|-------------------|----------------------------|
| | | Current 1980 | Projected 1982 | |
| 01.0100 | Agricultural Production | 109,548 | 107,211 | 1,980 |
| 01.0200 | Agricultural Supplies/Services | 3,410 | 3,724 | 220 |
| 01.0300 | Agricultural Mechanics | 9,451 | 10,295 | 511 |
| 01.0400 | Agricultural Products | 11,650 | 12,371 | 489 |
| 01.0500 | Ornamental Horticulture | 16,257 | 19,010 | 1,161 |
| 01.0600 | Agricultural Resources | 4,180 | 4,678 | 284 |
| 01.0700 | Forestry | 8,618 | 9,499 | 389 |
| 01.9900 | Other | 2,098 | 2,265 | 115 |
| TOTAL AGRICULTURE | | 165,212 | 169,053 | 5,149 |
| 04.0100 | Advertising | 6,176 | 6,933 | 343 |
| 04.0200 | Apparel and Accessories | 7,987 | 8,800 | 642 |
| 04.0300 | Automotive | 5,752 | 6,744 | 308 |
| 04.0400 | Finance and Credit | 2,900 | 3,271 | 190 |
| 04.0500 | Floristry | 1,760 | 1,840 | 92 |
| 04.0600 | Food Distribution | 52,630 | 57,885 | 2,672 |
| 04.0700 | Food Services | 61,849 | 64,667 | 3,326 |
| 04.0800 | General Merchandising | 104,252 | 109,329 | 5,440 |
| 04.0900 | Hardware, Building Materials | 10,846 | 11,212 | 240 |
| 04.1000 | Home Furnishings | 2,212 | 2,397 | |
| 04.1100 | Hotel and Lodging | 5,643 | 6,152 | 260 |
| 04.1200 | Industrial Marketing | 2,340 | 2,565 | 148 |
| 04.1300 | Insurance | 11,054 | 11,956 | 578 |
| 04.1500 | Personal Services | 3,520 | 3,848 | 218 |
| 04.1600 | Petroleum | 17,920 | 16,500 | 322 |
| 04.1700 | Real Estate | 5,360 | 5,600 | 960 |
| 04.1800 | Recreation and Tourism | 3,315 | 3,421 | 146 |
| 04.1900 | Transportation | 85,041 | 91,552 | 3,460 |
| 04.2000 | Retail Trade, Other | 32,379 | 33,937 | 1,309 |
| 04.3100 | Wholesale Trade, Other | 6,145 | 6,435 | 316 |
| TOTAL DISTRIBUTION - MARKETING | | 429,081 | 455,044 | 21,082 |
| 07.0101 | Dental Assistant | 3,623 | 3,933 | 270 |
| 07.0102 | Dental Hygienist (AAS Degree) | 1,391 | 1,511 | 124 |
| 07.0103 | Dental Laboratory Assistant | 1,160 | 1,260 | 35 |
| 07.0203 | Medical Laboratory Technician | 3,399 | 3,637 | 206 |
| 07.0301 | Nursing (AAS Degree) | 21,013 | 22,533 | 1,534 |
| 07.0302 | Practical (Voc.) Nurse | 8,946 | 9,604 | 706 |
| 07.0303 | Nursing Assistant (Aide) | 24,476 | 26,310 | 1,773 |
| 07.0305 | Surgical Technology | 711 | 763 | 43 |
| 07.0402 | Physical Therapy | 1,845 | 2,065 | 137 |
| 07.0499 | Other Rehabilitation | 1,789 | 1,956 | 145 |
| 07.0501 | Radiologic Technology | 1,864 | 2,004 | 126 |
| 07.0503 | Nuclear Medical Technology | 334 | 354 | 20 |
| 07.0600 | Ophthalmic | 1,215 | 1,300 | |
| 07.0700 | Environmental Health Tech. | 645 | 671 | 20 |

TABLE 8(b)

PROJECTED EMPLOYMENT NEEDS RELATED
TO VOCATIONAL EDUCATION, 1980-1982
NORTH CAROLINA

| OE Course Number | Instructional Program | TOTAL EMPLOYMENT | | ANNUAL AVERAGE NEEDS |
|-----------------------------------|---------------------------------------|------------------|-------------------|----------------------------|
| | | Current 1980 | Projected 1982 | |
| 07.0800 | Mental Health Technology | 667 | 747 | 76 |
| 07.0903 | Inhalation Thrp. Tech. (Respirat.) | 497 | 549 | 80 |
| 07.0904 | Medical Assistant | 2,048 | 2,218 | 209 |
| 07.0906 | Health Aide | 4,515 | 4,850 | 527 |
| 07.0907 | Medical Emerg. Technology | 1,611 | 1,687 | 47 |
| 07.0909 | Mortuary Science | 1,157 | 1,157 | 42 |
| 07.9900 | Other Pharmacy Technician | 480 | 512 | 32 |
| 07.9900 | Other First-Aid, Safety, Other | 15,385 | 16,951 | 1,054 |
| TOTAL HEALTH | | 99,071 | 106,572 | 7,291 |
| 09.0201 | Care & Guidance of Children | 14,500 | 14,900 | 910 |
| 09.0202 | Clothing Mgmt., Production Services | 1,458 | 1,465 | 98 |
| 09.0203 | Food Mgmt., Production & Services | 13,070 | 14,937 | 810 |
| 09.0204 | Home Furnishings, Equipment, Services | 3,600 | 3,750 | 300 |
| 09.0205 | Institutional, Home Mgmt., Services | 3,000 | 3,400 | 280 |
| 09.0299 | Other (Management Aide) | 2,500 | 2,700 | 220 |
| TOTAL OCCUPATIONAL HOME ECONOMICS | | 38,128 | 41,152 | 2,618 |
| 14.0100 | Accounting and Computing | 70,372 | 74,357 | 4,004 |
| 14.0201 | Computer and Console Operators | 3,152 | 3,375 | 128 |
| 14.0203 | Programmers | 5,206 | 5,741 | 326 |
| 14.0299 | Other Business Data Processing | 8,818 | 9,450 | 432 |
| 14.0300 | Filing, Office Machines Clerical | 72,060 | 75,692 | 3,814 |
| 14.0400 | Information/Communications | 30,805 | 32,895 | 1,693 |
| 14.0500 | Materials Support, Transportation | 70,153 | 73,397 | 3,187 |
| 14.0600 | Personnel Training & Related | 1,968 | 2,165 | 135 |
| 14.0700 | Steno, Secretarial & Related | 59,786 | 62,706 | 3,562 |
| 14.0800 | Supervisory & Administration Mgmt. | 43,329 | 44,436 | 2,631 |
| 14.0900 | Typing and Related | 19,007 | 20,210 | 1,169 |
| 14.9900 | Other | 18,000 | 19,200 | 1,050 |
| TOTAL BUSINESS AND OFFICE | | 402,956 | 423,624 | 22,131 |
| 16.0101 | Aeronautical Technology | 78 | 80 | 1 |
| 16.0103 | Architectural Technology | 887 | 983 | 97 |
| 16.0104 | Automotive Technology | 769 | 811 | 30 |
| 16.0105 | Chemical Technology | 3,158 | 3,228 | 59 |
| 16.0106 | Civil Technology | 3,127 | 3,259 | 115 |
| 16.0107 | Electrical Technology | 1,218 | 1,284 | 61 |
| 16.0108 | Electronic Technology | 3,860 | 4,266 | 421 |
| 16.0109 | Electromechanical Technology | 1,021 | 1,075 | 62 |
| 16.0110 | Environmental Technology | 1,143 | 1,278 | 105 |
| 16.0111 | Industrial Technology | 5,176 | 5,571 | 346 |
| 16.0112 | Instrumentation Technology | 389 | 410 | 29 |
| 16.0113 | Mechanical Technology | 2,831 | 3,064 | 174 |
| 16.0114 | Metallurgical Technology | 141 | 147 | 7 |
| 16.0117 | Scientific Data Technology | 476 | 500 | 9 |

TABLE 8(c)

PROJECTED EMPLOYMENT NEEDS RELATED
TO VOCATIONAL EDUCATION, 1980-1982
NORTH CAROLINA

| OE Course Number | Instructional Program | TOTAL EMPLOYMENT | | ANNUAL AVERAGE NEEDS |
|------------------------|-------------------------------------|------------------|-------------------|----------------------------|
| | | Current 1980 | Projected 1982 | |
| 16.0601 | Commercial Pilot Training | 1,097 | 1,145 | 37 |
| 16.0602 | Fire/Fire Safety Technology | 989 | 1,041 | 57 |
| 16.0604 | Oceanographic Technology | 1,017 | 1,091 | 65 |
| 16.0605 | Police Science | 12,247 | 13,417 | 907 |
| 16.9902 | Water/Waste-Water Tech. | 487 | 510 | 24 |
| 16.9900 | Other | 3,159 | 3,471 | 182 |
| TOTAL TECHNICAL | | 43,270 | 46,631 | 2,788 |
| 17.0100 | Air Cond., Heating, Climate Control | 6,300 | 6,930 | 248 |
| 17.0200 | Appliance Repair | 1,596 | 1,646 | 61 |
| 17.0301 | Body and Fender Repair | 4,113 | 4,288 | 149 |
| 17.0302 | Auto Mechanics | 33,722 | 35,765 | 1,344 |
| 17.0399 | Automotive Specialization | 10,772 | 10,860 | 291 |
| 17.0400 | Aviation Occupations | 2,046 | 2,106 | 57 |
| 17.0600 | Business Machine Maintenance | 3,211 | 3,380 | 140 |
| 17.0700 | Commercial Art Occupations | 3,705 | 3,897 | 186 |
| 17.0800 | Commercial Fishery Occupations | 2,750 | 2,800 | 140 |
| 17.0900 | Commercial Photography | 2,651 | 2,747 | 108 |
| 17.1001 | Carpentry | 40,232 | 42,300 | 2,425 |
| 17.1002 | Electricity | 14,098 | 14,883 | 61 |
| 17.1004 | Masonry | 13,943 | 14,795 | 702 |
| 17.1007 | Plumbing and Pipefitting | 10,798 | 11,395 | 520 |
| 17.1099 | Other Construction & Maintenance | 38,256 | 41,537 | 1,792 |
| 17.1100 | Custodial Service | 63,977 | 67,207 | 4,964 |
| 17.1200 | Diesel Mechanic | 3,273 | 3,455 | 156 |
| 17.1300 | Drafting Occupations | 5,148 | 5,578 | 267 |
| 17.1400 | Electrical Occupations | 5,891 | 6,252 | 259 |
| 17.1500 | Electronics Occupations | 8,767 | 9,078 | 250 |
| 17.1600 | Fabric Maintenance Services | 10,264 | 10,600 | 495 |
| 17.1700 | Foremanship/Management Development | 132,124 | 144,909 | 8,175 |
| 17.1900 | Graphic Arts Occupations | 8,501 | 9,000 | 398 |
| 17.2100 | Instrument Maintenance/Repair | 2,898 | 3,065 | 346 |
| 17.2200 | Maritime Occupations | 209 | 212 | 6 |
| 17.2302 | Machine Shop | 8,145 | 8,645 | 389 |
| 17.2303 | Machine Tool Operation | 21,064 | 22,642 | 1,196 |
| 17.2305 | Sheet Metal | 5,950 | 6,322 | 296 |
| 17.2306 | Welding and Cutting | 9,650 | 10,314 | 476 |
| 17.2307 | Tool and Die Making | 2,124 | 2,298 | 117 |
| 17.2399 | Other Metalworking Occupations | 10,292 | 10,807 | 438 |
| 17.2601 | Barbering | 3,869 | 3,871 | 246 |
| 17.2602 | Cosmetology | 10,868 | 10,896 | 357 |
| 17.2699 | Other Personal Services | 5,000 | 6,400 | 360 |
| 17.2700 | Plastics Occupations | 1,381 | 1,475 | 75 |
| 17.2801 | Firefighter Training | 34,970 | 35,460 | 1,275 |
| 17.2802 | Law Enforcement Training | 19,720 | 21,391 | 2,311 |
| 17.2899 | Other Public Services | 17,715 | 17,849 | 1,194 |

TABLE 8(d)

PROJECTED EMPLOYMENT NEEDS RELATED
TO VOCATIONAL EDUCATION, 1980-1982
NORTH CAROLINA

| OE Course Number | Instructional Program | TOTAL EMPLOYMENT | | ANNUAL AVERAGE NEEDS |
|--------------------------|--------------------------------|------------------|-------------------|----------------------------|
| | | Current 1980 | Projected 1982 | |
| 17.2900 | Quantity Food Occupations | 64,212 | 66,159 | 3,485 |
| 17.3000 | Refrigeration | 1,105 | 1,155 | 40 |
| 17.3100 | Small Engine Repair | 2,710 | 2,950 | 144 |
| 17.3300 | Textile Production/Fabrication | 206,314 | 216,048 | 10,609 |
| 17.3400 | Leather Working | 2,393 | 2,595 | 151 |
| 17.3500 | Upholstering | 10,689 | 11,390 | 524 |
| 17.3600 | Woodworking | 14,000 | 14,700 | 690 |
| 17.9900 | Other | 2,537 | 3,545 | 151 |
| TOTAL TRADE & INDUSTRIES | | 883,953 | 935,597 | 48,643 |
| GRAND TOTAL | | 2,061,671 | 2,177,672 | 109,702 |

Explanation of TABLE 8

Table 8 immediately preceding makes new projections for employment in North Carolina for the years 1980-1982 as related to some 135 programs of vocational education. A program may be defined as a cluster of courses leading to a rather specific occupation. Codes as defined and designated by the U. S. Office of Education are used in the table and throughout the Plan.

Employment estimates will differ somewhat from those found in the 5 Year Plan for Vocational Education. The older projections were based on a 1976 publication which projected employment to 1985. The more recent source of data is Projections to 1982, Employment and Job Needs by Occupation from North Carolina Employment Security Commission. From approximately 400 occupational categories, those occupations were included which were related to vocational education programs. These were summarized by O. E. Code, with a count on present employment and projections to 1982. Average annual job needs for each category are shown. Job needs are determined by replacement needs and expansion needs for given occupations. The totals from this table will not equal total employment in North Carolina.

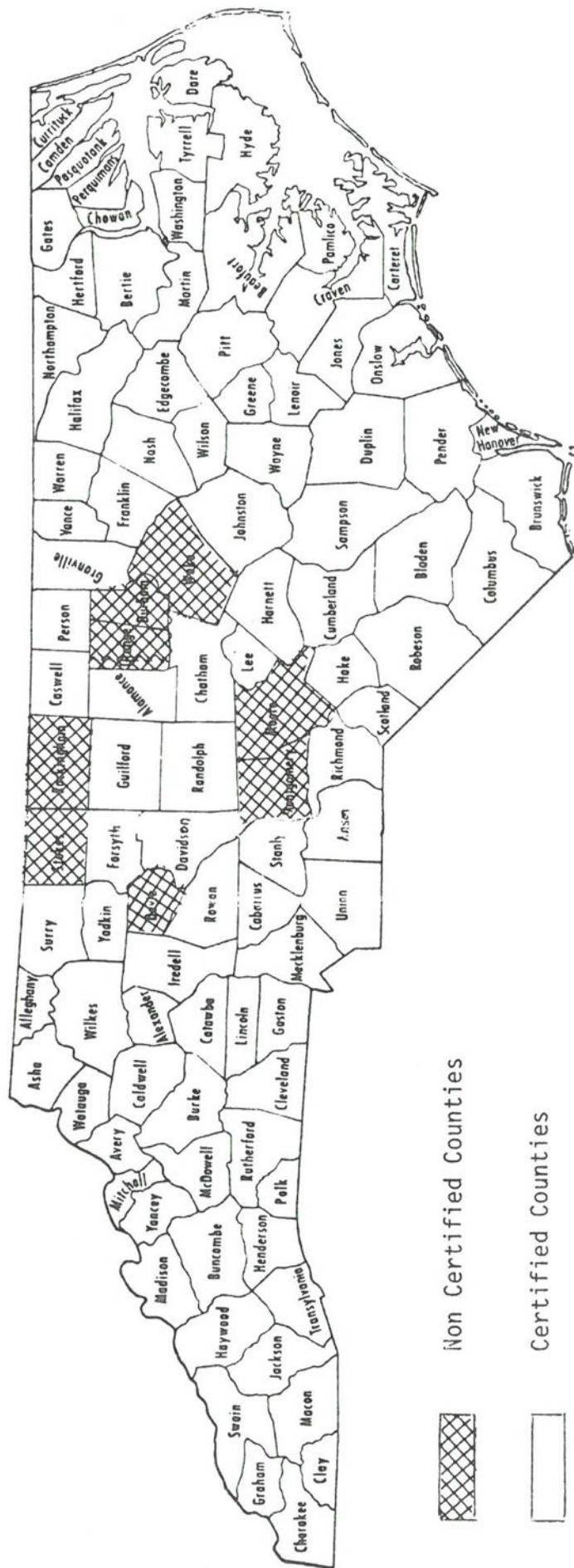
The average annual job needs provide an indicator of probable availability of jobs for completers of vocational programs. They also serve as relative indicators of numbers to be enrolled in various programs and number of completers needed.

The figures in this Table 8 should not be interpreted as absolute. Economic conditions may change during the period of these projections, which may substantially alter the projections.

Figure I

COUNTIES CERTIFIED FOR ECONOMIC DEVELOPMENT ACT (EDA) PARTICIPATION

November 1979



SOURCE: United States Department of Commerce

NOTE: The Secretary of Commerce determines areas eligible for designation as "redevelopment areas" pursuant to Section 401 of the Public Works and Economic Development Act of 1965 (42 U.S.C. 3161). Eligible areas shall be those areas certified to the State Board each year by the Regional Office of the U. S. Department of Commerce, Raleigh, North Carolina.

Goals for meeting employment needs are expressed numerically in Table 13. These goals are revealed in the following categories:

1. Programs to be offered to meet accompanying employment needs
2. Projected student enrollment at secondary, postsecondary, and adult levels for each program
3. Projected completions at each level for each program. (Completions may be interpreted as those who have completed the sequence of courses for that program with skills and are employed or available for employment)
4. Projected federal, state and local funds by level for each program
5. Enrollment and funding for special programs

Table 14 provides data on Consumer and Homemaking Programs with projected funding.

Since these Annual Plans represent an update of the 1981-1982 projections in the Five Year Plan, certain changes in projected enrollment and funding are planned. Changes are due to improved data base and more intensive planning to meet employment needs with accompanying changes in funding.

Table 16 presents a summary of projected enrollment by basic program area, by level, and by special programs to meet special needs. Numbers appearing in parenthesis indicate that those enrollments are included in basic coded instructional program areas.

Table 17 shows changes in projected enrollment and funding by program area to meet employment needs - FY 1981 and FY 1982 Plans as compared to projections in the Five Year Plan.

Table 18 presents a summary of annual projected funding by purposes of the Act for secondary, postsecondary and adult levels and by federal, state and local funds, for FY 1981 and for FY 1982.

Table 19 provides a brief narrative on proposed activities, budget and benefits by purposes of the Act.

Table 20 presents changes in estimated budget by purposes of the Act as compared to original projections in the Five Year Plan.

Table 21 provides formula distribution factors and points earned for Subparts II and III of the Act.

Table 22 provides formula distribution factors and points earned for special programs.

Table 23 shows estimated allotments to recipients for months of employment, Subparts 2, 3 and 5 - secondary.

Table 24 shows estimated special program allotments to recipients for 1981 - secondary.

Tables 25 and 26 present analyses of fund distribution based on formulas for months of employment and special programs.

Table 27 provides data on points earned through formula distribution factors - postsecondary.

Table 28 shows estimates of federal and required matching funds by purpose - postsecondary.

Table 29 presents an analysis of estimated allotments for selected institutions - postsecondary.

Pages 145 through 157 provides information on results of (1) coordination with Employment and Training Programs, (2) activities of sex equity personnel, and (3) results of participation of local advisory councils.

These sections and tables described herein project the broad goals, rationale, estimated enrollments and appropriate funding, and thus comprise the heart of the FY 1981-1982 Annual Plans. Any additional information and data are supportive to these parts of the Plans.

CONTINUING GOALS FOR VOCATIONAL EDUCATION

Secondary, Postsecondary and Adult

Mission of Vocational Education:

The mission of the Divisions of Vocational Education within the Department of Public Instruction and the Department of Community Colleges is to provide necessary administrative and consultative leadership throughout the State for ensuring that all youth and certain adults, who need, want, and can profit from vocational education and/or consumer and homemaking education have ready access to such education which is of high quality, which is suited to their needs, interests, and aspirations, and which is realistic in light of actual or anticipated opportunities for gainful employment.

Goals for Carrying Out the Mission for Vocational Education:

Within the mission for vocational education, the State Board has adopted twelve broad and comprehensive goals through which leadership and/or resources will be provided to promote quality vocational education.

- . More diversified vocational and consumer and homemaking education for a higher percentage of youth and adults to be trained or retrained.
- . Continued development and improvement of vocational education opportunities and supportive services for disadvantaged youth and adults, handicapped youth and adults, and youth and adults residing in areas of the State which are economically depressed, have high rates of unemployment, and/or have high rates of school dropouts.
- . Local planning for vocational and consumer and homemaking education which will correlate program offerings with labor market needs, present and potential student interests, and with annual assessment of the effectiveness and efficiency of current programs in relation to continuing objectives.
- . Recognition and promotion of vocational student organizations an integral part of vocational education.
- . Elimination of sex/racial/handicapped bias and discrimination in vocational education.
- . Expansion of vocational counseling, job placement and follow-up services.
- . Attention to vocational education needs of American Indians, women, minorities, persons of limited English speaking ability, and qualified inmates of correctional institutions.
- . Promotion of apprenticeship-related instruction, cooperative education, and vocational education for new and emerging occupations.

- 09.02 OCCUPATIONAL HOME ECONOMICS There is a need for 7,854 new and replacement workers in this area by 1982. Federal funds are applied to programs related to greatest need for workers as an incentive to program growth in this service area.
- 14.0 BUSINESS AND OFFICE Projections indicate a need for 66,393 new and replacement workers in the field of business and office occupations during the years 1980-82. Federal funds are applied to skills development programs in business and office education at both secondary and postsecondary levels to meet expanding needs. Enrollments and completions in business and office education are projected to increase during the next three years to meet expanding employment needs.
- 16.0 TECHNICAL Technical education is offered at the postsecondary and adult levels in North Carolina. Approximately 14,879,172 dollars from federal, state, and local funds are projected for technical education for 1981. Completions in the technical area fall short of the projected openings. Additional dollars will be allotted in future years to enhance enrollments and completions to fill demand.
- 17.0 TRADES AND INDUSTRIES represent the greatest area of employment in North Carolina with projected expansion and replacement needs of 145,929 new workers during the years 1980-82. Federal funds are applied to those programs where related employment needs are greatest and/or most acute. The need for workers for replacement and for new and emerging trade and industrial employment will continue to grow.

EXPLANATION OF INFORMATION CONTAINED IN TABLE 13 AND SOURCES OF DATA

Column: Level of Instruction

Sec.- secondary, grades 9 - 12

P-Sec. - postsecondary, includes enrollment only in those programs that lead to an associate degree

Adult - includes enrollment in postsecondary vocational programs and adult extension

Column: CC, TC, and TI

Postsecondary institutions - Community College, Technical College, or Technical Institute

Column: Projected Job Openings

Basic employment and annual average needs data were derived from Projections to 1982, Employment and Job Needs by Occupation, North Carolina, developed by the Employment Security Commission of North Carolina. Additional data and information came from N. C. Department of Agriculture, other State agencies, and trade associations.

Column: Projected Enrollment

By level of education and type of institution - Data from Department of Public Education, Management Information System

Column: Estimated Supply - Completers

Base data from Management Information System

Column: Estimated Supply - Other Sources

Data from other education and training institutions

Column: Estimated Expenditures - Federal, State, Local

Data is projected using information from local applications and projected levels of enrollment to meet labor force needs. Estimated expenditures were compiled by the Controller's Office, State Board of Education.

FY 1981

TABLE: 13(a)

NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | Projected Job Openings | | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|--------------|----------------------|--|------------------------|---|----------------------|------------------|---------------|------------------------|-----------|-----------|
| | | | C | T | | Completers | Other Sources | Federal | State | Local |
| | 01.0100 | Agricultural Production | | | | | | | | |
| | | Sec. | | | | 861 | | | 1,663,425 | 695,976 |
| | | P-Sec. Adult | X | X | 1980 | 274 | 30 | 7,226 | 976,573 | 103,631 |
| | 01.0200 | Agricultural Supplies/Services | | | | | | | | |
| | | Sec. | | | | 52 | | | 55,136 | 14,608 |
| | | P-Sec. Adult | X | | 220 | - | | 11,037 | 39,459 | 16,509 |
| | 01.0300 | Agricultural Mechanics | | | | | | | 3,830 | 406 |
| | | Sec. | | | | 491 | | | | |
| | | P-Sec. Adult | X | X | 511 | 25 | 12 | | 771,292 | 322,708 |
| | 01.0400 | Agricultural Products | | | | | | | | |
| | | Sec. | | | | 10 | | | 65,105 | 6,909 |
| | | P-Sec. Adult | X | X | 489 | 17 | | | 25,489 | 3,104 |
| | 01.0500 | Ornamental Horticulture | | | | | | | | |
| | | Sec. | | | | 49 | | | 43,158 | 18,057 |
| | | P-Sec. Adult | X | X | 1,161 | 17 | | | 15,319 | 1,626 |
| | 01.0600 | Agricultural Resources | | | | | | | | |
| | | Sec. | | | | - | | | 49,967 | 13,239 |
| | | P-Sec. Adult | X | X | 284 | 995 | | | 1,265,140 | 529,334 |
| | 01.0700 | Forestry | | | | | | | | |
| | | Sec. | | | | 125 | | | 248,930 | 26,416 |
| | | P-Sec. Adult | X | X | 389 | 62 | | | 237,685 | 35,607 |
| | 01.0900 | Other | | | | | | | | |
| | | Sec. | | | | 162 | | | 189,894 | 79,452 |
| | | P-Sec. Adult | X | X | 115 | 78 | | | 191,485 | 20,320 |
| | | Veterinary Medicine | | | | | | | | |
| | | Sec. | | | | 32 | | | 45,452 | 1,096 |
| | | P-Sec. Adult | X | X | 389 | 185 | | | 63,638 | 118,017 |
| | | | | | | | | | | |
| | | | | | | 86 | | | 4,551 | 18,288 |
| | | | | | | 51 | | | | |
| | | | | | | | | | | |
| | | | | | | 104 | | | 3,212,173 | 1,343,972 |
| | | | | | | | | | 99,573 | 10,566 |
| | SUBTOTAL AGRICULTURE | Sec. | | | | | | | | |
| | | P-Sec. Adult | X | X | 5,149 | 2,759 | 72 | 122,619 | 7,466,608 | 3,124,025 |
| | | | X | X | | 656 | | 21,965 | 1,773,151 | 188,162 |
| | | | | | | | | | | |
| | | | | | | 104 | | 23,310 | 413,729 | 67,654 |
| | | | | | | | | | | |

* CC - Community College, TC - Technical College, II - Technical Institute

AGRICULTURE 01.00

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C T I | | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|----------------------------------|----------------------|--|-------|---|---|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | C | T | I | | | Completers | Other Sources | Federal | State | Local |
| DISTRIBUTION AND MARKETING 04.00 | 04.0100 | Advertising Sec. | | | | | 353 | 87 | | 27,249 | 108,819 | 45,530 |
| | | P-Sec. | X | X | | 343 | 50 | 12 | 50 | - | 38,297 | 4,064 |
| | | Adult | X | X | X | | 1,100 | 85 | | - | 144,673 | 20,086 |
| | 04.0200 | Apparel and Sec. | | | | | 1,859 | 592 | | 155,645 | 573,074 | 239,774 |
| | | P-Sec. | X | | | 642 | 95 | 17 | 60 | - | 72,764 | 7,722 |
| | | Adult | | | | | | | | | | |
| | 04.0300 | Automotive Sec. | | | | | 223 | 95 | | 18,884 | 68,744 | 28,763 |
| | | P-Sec. | | | | 308 | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.0400 | Finance and Sec. | | | | | 76 | 39 | | 6,553 | 23,429 | 9,802 |
| | | P-Sec. | X | X | X | 190 | 575 | 65 | 30 | - | 440,415 | 46,736 |
| | | Adult | X | X | X | | 2,400 | - | | - | 165,408 | 43,824 |
| | 04.0500 | Floristry Sec. | | | | | 80 | 23 | | 5,950 | 24,662 | |
| | | P-Sec. | | | X | 92 | 50 | 12 | | - | 38,297 | 4,064 |
| | | Adult | | | | | | | | | | |
| | 04.0600 | Food Distribution Sec. | | | | | 1,525 | 629 | | 126,154 | 470,112 | 196,695 |
| | | P-Sec. | | | | 2,672 | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.0700 | Food Services Sec. | | | | | 1,945 | 689 | | 158,663 | 599,585 | 250,866 |
| | | P-Sec. | X | X | X | 3,326 | 175 | 36 | | - | 134,040 | 14,224 |
| | | Adult | X | X | X | | 12,800 | - | | - | 882,176 | 233,730 |
| | 04.0800 | General Merchandise Sec. | | | | | 3,598 | 953 | | 242,306 | 1,109,155 | 464,070 |
| | | P-Sec. | | | | 5,440 | | | | | | |
| | | Adult | | | X | | 1,000 | - | | - | 68,920 | 18,260 |
| | 04.0900 | Hardware, Building Materials Sec. | | | | | 177 | 83 | | 14,314 | 54,564 | 22,829 |
| | | P-Sec. | | | | 248 | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1000 | Home Furnishings Sec. | | | | | 106 | 41 | | 8,882 | 32,677 | 13,612 |
| | | P-Sec. | | | | 96 | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1100 | Hotel and Lodging Sec. | | | | | 40 | 20 | | 2,561 | 12,331 | 5,159 |
| | | P-Sec. | X | X | X | 268 | 165 | 41 | | 2,561 | 126,380 | 13,411 |
| | | Adult | | | | | | | | | | |

FY 1981

TABLE: 13(c)

NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C T I | | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|--------------|----------------------|--|-------|---|---|------------------------|----------------------|------------------|---------------|------------------------|-----------|-----------|
| | | | C | T | I | | | Completers | Other Sources | Federal | State | Local |
| | 04.1200 | Industrial Marketing | | | | 148 | 176 | 94 | 20 | 14,918 | 54,256 | 22,700 |
| | 04.1300 | Insurance | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1500 | Personal Services | | | | 218 | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1600 | Petroleum | | | | 322 | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1700 | Real Estate | | | | 960 | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1800 | Recreation and Tourism | | | | 146 | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1900 | Transportation | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.2000 | Retail Trade, Other | | | | 1,309 | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.3100 | Wholesale Trade, Other | | | | 316 | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | SUBTOTAL | | | | | | | | | | |
| | | DISTRIBUTION | | | | 21,082 | 12,576 | 3,956 | 635 | 909,554 | 3,876,805 | 1,622,052 |
| | | & MARKETING | | | | | 3,200 | 458 | | 25,345 | 2,451,008 | 260,094 |
| | | | | | | | 26,015 | 300 | | - | 2,044,295 | 475,038 |

DISTRIBUTION AND MARKETING 04.00

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C | IT | C | CI | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|--------------|----------------------|--|---|----|---|----|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | | | | | | | Completers | Other Sources | Federal | State | Local |
| | 07.0101 | Dental Assistant Sec. | | | | | 270 | | | 10 | | | |
| | | P-Sec. Adult | X | X | X | | | 365 | 149 | | 83,871 | 276,497 | 6,665 |
| | 07.0102 | Dental Hygienist P-Sec. (AAS Degree) Adult | X | X | X | | 124 | 380 | 110 | | 80,800 | 291,057 | 30,886 |
| | 07.0103 | Dental Laboratory P-Sec. Assistant Adult | X | X | X | | 35 | 75 | 26 | 51 | - | 57,445 | 6,096 |
| | 07.0203 | Medical Laboratory P-Sec. Technician Adult | X | X | X | | 206 | 215 | 71 | | 45,123 | 164,677 | 17,475 |
| | | | X | X | X | | | 90 | 17 | | 6,811 | 68,177 | 1,643 |
| | 07.0301 | Nursing P-Sec. (AAS Degree) Adult | X | X | X | | 1,534 | 2,750 | 928 | 700 | 367,704 | 2,106,335 | 223,518 |
| | | | X | X | X | | | 150 | - | | - | 10,338 | 2,739 |
| | 07.0302 | Practical P-Sec. (Voc.) Nurse Adult | X | X | X | | 706 | 2,700 | 976 | 70 | 251,896 | 2,045,320 | 249,302 |
| | 07.0303 | Nursing Assistant Sec. (Aide) P-Sec. Adult | X | X | X | | 1,773 | 86 | 23 | 25 | - | 26,511 | 11,092 |
| | | | X | X | X | | | 30,785 | 505 | | 9,261 | 2,662,258 | 362,138 |
| | 07.0305 | Surgical P-Sec. Technology Adult | X | X | X | | 43 | 180 | 80 | 5 | 21,127 | 136,355 | 3,287 |
| | 07.0402 | Physical Therapy P-Sec. Adult | X | X | X | | 137 | 165 | 63 | | 21,032 | 126,380 | 13,411 |
| | 07.0499 | Other Rehabilitation P-Sec. Adult | X | X | X | | 145 | 250 | 98 | | 6,858 | 191,485 | 20,320 |
| | | | X | X | X | | | 50 | 21 | 4 | - | 37,876 | 913 |
| | 07.0501 | Radiologic Technology P-Sec. Adult | X | X | X | | 126 | 400 | 105 | | 63,330 | 306,376 | 32,512 |
| | 07.0503 | Nuclear Medical P-Sec. Technology Adult | X | X | X | | 20 | 30 | 11 | | - | 22,978 | 2,438 |
| | 07.0600 | Optometric P-Sec. Adult | X | X | X | | 85 | 90 | 19 | | - | 68,935 | 7,315 |
| | | | X | X | X | | | 20 | 9 | | - | 15,151 | 365 |
| | 07.0700 | Environmental P-Sec. Health Tech. Adult | X | X | X | | 20 | | | | | | |
| | 07.0800 | Mental Health P-Sec. Technology Adult | X | X | X | | 76 | 385 | 90 | | - | 294,887 | 31,293 |
| | 07.0903 | Inhalation Thrp, P-Sec. Tech. (Respirat.) Adult | X | X | X | | 80 | 285 | 33 | | 3,362 | 218,293 | 23,165 |

HEALTH 07.00

FY 1981 TABLE: 13(e) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program Level and Type of Institution | C | T | Q | Q | I | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|--------------|----------------------|---|---|---|---|---|---|------------------------|----------------------|------------------|---------------|------------------------|-----------|-----------|
| | | | | | | | | | | Completers | Other Sources | Federal | State | Local |
| HEALTH 07.00 | 07.0904 | Medical Assistant | | | | | | | | | | | | |
| | | Sec. | | | | | | 5,538 | | 777 | | - | 1,707,199 | 714,291 |
| | | P-Sec. | | | | | | 145 | | 40 | | 13,307 | 111,062 | 11,786 |
| | | Adult | | | | | | 255 | | 130 | | - | 193,169 | 4,656 |
| | 07.0906 | Health Aide | | | | | | 8 | | 8 | | - | 2,466 | 1,032 |
| | | Sec. | | | | | | 675 | | 41 | 75 | - | 517,009 | 54,864 |
| | | P-Sec. | | | | | | | | | | | | |
| | | Adult | | | | | | | | | | | | |
| | 07.0907 | Medical Emerg. Technology | | | | | | 70 | | 19 | | - | 53,616 | 5,690 |
| | | P-Sec. | | | | | | 47 | | - | | - | 889,068 | 235,556 |
| | 07.0909 | Mortuary Science | | | | | | 65 | | 11 | | - | 49,786 | 5,283 |
| | | P-Sec. | | | | | | | | | | | | |
| | | Adult | | | | | | | | | | | | |
| | 07.9900 | Other | | | | | | 980 | | - | | - | 302,105 | 126,400 |
| | | Sec. | | | | | | | | | | | | |
| | | P-Sec. | | | | | | 63 | | | | | | |
| | | Adult Pharmacy Tech. | | | | | | | | | | | | |
| | 07.9900 | Other | | | | | | | | | | | | |
| | | P-Sec. | | | | | | 1,054 | | | | | | |
| | | Adult First Aid & Safety | | | | | | | | | | | | |
| | | Sec. | | | | | | 7,300 | | - | | - | 503,116 | 133,299 |
| | | P-Sec. | | | | | | | | | | | | |
| | | Adult | | | | | | | | | | | | |
| | | Sec. | | | | | | 6,612 | | 804 | | - | 2,038,281 | 852,815 |
| | | P-Sec. | | | | | | 5,980 | | 1,665 | 940 | 601,516 | 4,580,321 | 486,050 |
| | | Adult | | | | | | 54,858 | | 1,919 | | 372,966 | 6,885,049 | 1,001,715 |

FY 1981 TABLE: 13(f) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C T I | | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|-----------------------------------|----------------------|--|-------|---|---|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | C | T | I | | | Completers | Other Sources | Federal | State | Local |
| OCCUPATIONAL HOME ECONOMICS 09.00 | 09.0201 | Care & Guidance of Children | | | | | 1,810 | 596 | | 142,280 | 557,969 | 233,454 |
| | | P-Sec. | X | X | X | 910 | 2,425 | 403 | | 57,448 | 1,857,404 | 197,102 |
| | | Adult | X | X | X | | 3,085 | 612 | | 17,826 | 959,756 | 56,333 |
| | 09.0202 | Clothing Mgmt., Production | | | | 98 | 995 | 383 | | 78,987 | 306,729 | 128,335 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | | 5,575 | 67 | | - | 504,735 | 101,800 |
| | 09.0203 | Food Mgmt., Production & Services | | | | 810 | 1,975 | 748 | | 160,388 | 608,833 | 254,736 |
| | | Sec. | | | | | 5 | - | | - | 3,830 | 406 |
| | | P-Sec. | X | X | X | | 2,900 | - | | - | 199,868 | 52,954 |
| | 09.0204 | Home Furnishings, Equipment, Services | | | | 300 | 144 | 46 | | 10,865 | 44,391 | 18,573 |
| | | Sec. | | | | | 135 | 28 | | - | 103,402 | 10,973 |
| | | P-Sec. | X | X | X | | | | | | | |
| | 09.0205 | Institutional, Home Mgmt., Services | | | | 280 | 40 | 18 | | 2,673 | 12,331 | 5,159 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | | 4,100 | 38 | | - | 282,572 | 74,867 |
| | 09.0299 | Other | | | | 220 | 230 | 97 | | 18,971 | 70,902 | 29,665 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | 5,194 | 1,888 | | 414,164 | 1,601,155 | 669,922 |
| | | P-Sec. | X | X | X | 2,618 | 2,565 | 431 | | 57,448 | 1,964,636 | 208,481 |
| | | Adult | X | X | X | | 15,660 | 717 | | 17,826 | 1,946,931 | 285,954 |

FY 1981

TABLE: 13(g) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C | T | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|----------------------------|---|--|---|---|------------------------|----------------------|------------------|---------------|------------------------|------------|-----------|
| | | | | | | | Completers | Other Sources | Federal | State | Local |
| 14.0100 | Accounting and Computing | Sec. | | | | 710 | 301 | [650] | 60,361 | 218,872 | 91,576 |
| | | P-Sec. | X | X | 4,004 | 3,400 | 527 | 2,150 | 77,111 | 2,604,196 | 276,350 |
| | | Adult | X | X | | 2,500 | - | | - | 172,300 | 45,650 |
| 14.0201 | Computer and Console Operators | Sec. | | | 128 | | | | | | |
| | | P-Sec. | | | | | | | | | |
| | | Adult | X | X | | 350 | 141 | | 3,415 | 265,134 | 6,391 |
| 14.0203 | Programmers | Sec. | | | 326 | 3,100 | 379 | | 25,772 | 2,374,414 | 251,966 |
| | | P-Sec. | X | X | | | | | | | |
| | | Adult | | | | 1,320 | 303 | 30 | 97,871 | 406,916 | 170,254 |
| 14.0299 | Other Business Data Processing | Sec. | | | 432 | 1,200 | - | | 4,812 | 82,704 | 21,912 |
| | | P-Sec. | | | | 640 | 304 | [750] | 53,894 | 197,293 | 82,547 |
| | | Adult | X | X | 3,814 | 3,200 | 476 | 600 | 47,824 | 2,451,008 | 260,094 |
| 14.0300 | Filing, Office Machines, Clerical | Sec. | | | | 1,050 | - | | - | 72,366 | 19,173 |
| | | P-Sec. | X | X | 1,693 | 15 | 8 | [175] | 1,121 | 4,624 | 1,935 |
| | | Adult | X | X | | 300 | 33 | 60 | - | 229,782 | 24,384 |
| 14.0400 | Communications | Sec. | | | 3,187 | 35 | 21 | | - | 26,513 | 639 |
| | | P-Sec. | | | | | | | 2,673 | 10,789 | 4,514 |
| | | Adult | | | | | | | | | |
| 14.0500 | Materials Support, Transportation | Sec. | | | | | | | | | |
| | | P-Sec. | | | | | | | | | |
| | | Adult | | | | | | | | | |
| 14.0600 | Personnel Training & Related | Sec. | | | 135 | 9 | 4 | | 776 | 2,774 | 1,161 |
| | | P-Sec. | X | X | | 75 | 37 | | - | 57,446 | 6,096 |
| | | Adult | X | X | | 17,000 | - | | - | 1,171,640 | 310,422 |
| 14.0700 | Steno, Secretarial & Related | Sec. | | | 3,562 | 620 | 274 | [900] | 50,876 | 191,127 | 79,968 |
| | | P-Sec. | X | X | | 5,850 | 751 | 4,000 | 184,867 | 4,480,749 | 475,484 |
| | | Adult | X | X | | 1,700 | - | | - | 117,164 | 31,042 |
| 14.0800 | Supervisory & Administration Management | Sec. | | | 2,631 | 290 | 106 | | 24,231 | 89,398 | 37,404 |
| | | P-Sec. | X | X | | 16,900 | 2,465 | 1,425 | 313,252 | 12,944,386 | 1,373,621 |
| | | Adult | X | X | | 2,200 | - | | - | 151,624 | 40,172 |
| 14.0900 | Typing and Related | Sec. | | | 1,169 | 7,180 | 2,661 | [365] | 573,430 | 2,213,379 | 926,076 |
| | | P-Sec. | | | | | | 415 | | | |
| | | Adult | | | | | | | | | |
| 14.9900 | Other | Sec. | | | 1,050 | 5,200 | 82 | | - | 358,384 | 94,953 |
| | | P-Sec. | | | | 150 | | | - | 46,241 | 19,347 |
| | | Adult | | | | | | | | | |
| SUBTOTAL BUSINESS & OFFICE | Sec. | | | | 22,131 | 10,969 | 4,064 | [2,840] | 865,233 | 3,381,413 | 1,414,782 |
| | | P-Sec. | X | X | | 32,825 | 4,731 | 8,770 | 648,826 | 25,141,981 | 2,667,994 |
| | | Adult | X | X | | 31,235 | 162 | | 8,227 | 2,417,829 | 570,355 |

BUSINESS AND OFFICE 14.00

TABLE: 13(h) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

[illegible]

FY 1981 TABLE: 13(i) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C T I | | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|-----------------------------|----------------------|--|-------|---|---|------------------------|----------------------|------------------|---------------|------------------------|------------|-----------|
| | | | C | T | I | | | Completers | Other Sources | Federal | State | Local |
| TECHNICAL 16.00 | 16.0604 | Oceanographic P-Sec. | | | X | 65 | 150 | 45 | | - | 114,890 | 12,192 |
| | | Technology Adult | | | | | | | | | | |
| | 16.0605 | Police P-Sec. | X | X | X | 907 | 6,000 | 966 | | 119,336 | 4,595,640 | 487,676 |
| | | Science Adult | | | | | | | | | | |
| | 16.9902 | Water/Waste-P-Sec. | | | X | 24 | 40 | 6 | | 6,700 | 30,638 | 3,251 |
| | | Water Tech. Adult | X | X | X | | 85 | 10 | | - | 64,390 | 1,552 |
| | 16.9900 | Other P-Sec. | X | X | X | 182 | 1,700 | 36 | | - | 1,302,098 | 138,175 |
| | | Adult | | | | | | | | | | |
| | | SUBTOTAL | X | X | X | 2,788 | 16,215 | 2,433 | | 293,999 | 12,419,717 | 1,317,944 |
| | | TECHNICAL | X | X | X | | 9,050 | 10 | | - | 682,258 | 165,254 |
| TRADES AND INDUSTRIES 17.00 | 17.0100 | Air Cond. Heating & Climate Control Sec. | | | | 248 | 425 | 125 | 20 | 326,857* | 131,513 | 54,984 |
| | | P-Sec. Adult | X | X | X | | | | | | | |
| | 17.0200 | Appliance Repair Sec. | | | | 61 | 2,175 | 239 | | 22,203 | 1,148,380 | 39,680 |
| | | P-Sec. Adult | | | | | 126 | 39 | | 9,744 | 38,842 | 16,252 |
| | 17.0301 | Body and Fender Repair Sec. | | | X | 149 | 30 | 24 | | - | 22,726 | 547 |
| | | P-Sec. Adult | X | X | X | | 600 | 153 | 20 | 38,114 | 184,962 | 77,388 |
| | 17.0302 | Auto Mechanics Sec. | | | | 1,344 | 1,250 | 154 | | 26,315 | 946,907 | 22,805 |
| | | P-Sec. Adult | X | X | X | | 6,840 | 807 | 100 | 375,618 | 2,108,567 | 882,223 |
| | 17.0399 | Automotive Specialization Sec. | | | X | 291 | 9,600 | 574 | | 76,140 | 3,553,777 | 175,140 |
| | | P-Sec. Adult | X | X | X | | 1,470 | 799 | | 123,740 | 453,157 | 189,601 |
| | 17.0400 | Aviation Occupations Sec. | | | X | 57 | 35 | 17 | | - | 26,513 | 638 |
| | | P-Sec. Adult | X | X | X | | 170 | 52 | 45 | 11,037 | 52,406 | 21,927 |
| | 17.0500 | Blueprint Reading Sec. | | | X | | 75 | 21 | | 26,297 | 57,451 | 6,096 |
| | | P-Sec. Adult | X | X | X | | 1,460 | 5 | | - | 106,820 | 26,636 |
| | | SUBTOTAL | X | X | X | | 1,100 | - | | - | 75,812 | 20,068 |
| | | TECHNICAL | X | X | X | | | | | | | |
| | | Adult | | | | | | | | | | |

* Includes Climate Control, New Programs \$300,988

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C T I C I | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|--------------|----------------------------|--|-----------|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | | | | Completers | Other Sources | Federal | State | Local |
| 17.0600 | Business | Sec. | | | 30 | 19 | - | 2,587 | 9,248 | 3,869 |
| | Machine | P-Sec. | | 140 | | | 20 | | | |
| | Maintenance | Adult | | | | | | | | |
| 17.0700 | Commercial | Sec. | | | 90 | 16 | | 5,864 | 27,744 | 11,608 |
| | Art | P-Sec. | X X X | 186 | 875 | 101 | 10 | - | 670,267 | 71,119 |
| | Occupations | Adult | X X X | | 205 | 27 | | - | 155,293 | 3,740 |
| 17.0800 | Commercial | Sec. | | | | | | - | | |
| | Fishery | P-Sec. | | 140 | | | | | | |
| | Occupations | Adult | X X | | 1,350 | 16 | | - | 110,257 | 24,629 |
| 17.0900 | Commercial | Sec. | | | 110 | 19 | | 8,451 | 33,910 | 14,188 |
| | Photography | P-Sec. | X | 108 | 210 | 32 | | - | 160,864 | 17,069 |
| | Adult | | | | | | | | | |
| 17.1001 | Carpentry | Sec. | | | 6,232 | 1212 | | 350,834 | 1,921,139 | 803,803 |
| | P-Sec. | | X | 2,425 | 35 | 12 | | - | 26,811 | 2,845 |
| | Adult | | X X X | | 3,250 | 271 | | 380,679 | 1,807,784 | 59,292 |
| 17.1002 | Electricity | Sec. | | | 3,065 | 344 | | 179,445 | 944,848 | 395,324 |
| | P-Sec. | | | 632 | | | | | | |
| | Adult | | X X X | | 3,200 | 463 | | 82,504 | 1,494,465 | 58,380 |
| 17.1004 | Masonry | Sec. | | | 4,940 | 1,047 | | 298,011 | 1,522,854 | 637,161 |
| | P-Sec. | | | 702 | | | | | | |
| | Adult | | X X X | | 2,500 | 166 | | 12,426 | 482,173 | 45,609 |
| 17.1007 | Plumbing and Pipefitting | Sec. | | | 230 | 111 | | 15,435 | 70,902 | 29,665 |
| | P-Sec. | | | 520 | | | | | | |
| | Adult | | X X X | | 300 | 51 | | 13,175 | 141,182 | 5,473 |
| 17.1099 | Other | Sec. | | | 256 | 76 | | 19,833 | 78,917 | 33,019 |
| | Construction & Maintenance | P-Sec. | | 1,792 | | | | | | |
| | Adult | | X X X | | 425 | 172 | | 8,364 | 321,949 | 7,754 |
| 17.1100 | Custodial Service | Sec. | | | 250 | 130 | | 14,055 | 77,068 | 32,245 |
| | P-Sec. | | | 4,964 | | | | | | |
| | Adult | | | | | | | | | |
| 17.1200 | Diesel | Sec. | | | 40 | 36 | | 3,104 | 12,331 | 5,159 |
| | Mechanic | P-Sec. | | 156 | | | | | | |
| | Adult | | X X X | | 535 | 76 | | 23,008 | 405,276 | 9,760 |
| 17.1300 | Drafting | Sec. | | | 6,300 | 828 | | 383,724 | 1,942,101 | 574 |
| | Occupations | P-Sec. | X X X | 267 | 75 | 199 | 22 | - | 670,267 | 119 |
| | Adult | | X X X | | 400 | 133 | | 9,570 | 619,805 | 2,244 |

TRADES AND INDUSTRIES 17.00

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C T I | | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|--------------|-------------------------------------|--|-------|---|---|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | C | T | I | | | Completers | Other Sources | Federal | State | Local |
| 17.1400 | Electrical Occupations | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | X | X | X | 259 | 86 | 34 | 25 | 7,330 | 26,511 | 11,092 |
| 17.1500 | Electronics Occupations | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | 250 | 475 | 273 | | 18,133 | 359,825 | 8,666 |
| | | Adult | X | X | X | | 300 | 55 | 6 | 22,420 | 92,481 | 38,694 |
| 17.1600 | Fabric Maintenance Services | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | | 200 | 87 | | - | 153,204 | 16,256 |
| | | Adult | X | X | X | 495 | 975 | 235 | | 26,108 | 738,587 | 17,788 |
| 17.1700 | Foremanship/ Management Development | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| 17.1900 | Graphic Arts Occupations | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | 8,175 | 8,700 | - | | - | 599,604 | 158,721 |
| | | Adult | X | X | X | | 2,090 | 446 | 20 | 140,210 | 644,284 | 269,568 |
| 17.2100 | Instrument Maintenance/ Repair | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | 398 | 135 | 12 | | 13,371 | 94,691 | 2,280 |
| | | Adult | X | X | X | | 125 | 95 | | 1,315 | 3,699 | 1,548 |
| 17.2200 | Maritime Occupations | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | X | X | X | 346 | 30 | 12 | | - | 22,726 | 547 |
| 17.2302 | Machine Shop | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | 6 | 205 | 46 | | 12,590 | 63,195 | 26,441 |
| | | Adult | X | X | X | | 70 | 14 | | - | 53,027 | 1,277 |
| 17.2303 | Machine Tool Operation | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | 389 | 350 | 60 | 20 | 22,664 | 107,894 | 45,143 |
| | | Adult | X | X | X | | 50 | 12 | | 5,806 | 38,301 | 4,064 |
| 17.2305 | Sheet Metal | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | 1,196 | 2,000 | 209 | | 44,355 | 1,033,028 | 36,488 |
| | | Adult | X | X | X | | | | | | | |
| 17.2306 | Welding and Cutting | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | 296 | 70 | 17 | | - | 18,596 | 1,277 |
| | | Adult | X | X | X | | 50 | 8 | 105 | 3,238 | 15,413 | 6,449 |
| 17.2307 | Tool and Die Making | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | 476 | 950 | 183 | 75 | 61,517 | 292,858 | 122,531 |
| | | Adult | X | X | X | | 4,700 | 289 | | 96,479 | 2,372,527 | 85,746 |
| 17.2307 | Tool and Die Making | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | 117 | | | 35 | | | |
| | | Adult | X | X | X | | 120 | 31 | | 11,290 | 90,903 | 2,189 |

FY 1981 TABLE: 13(1) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C | T | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|-----------------------------|----------------------|--|---|---|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | | | | | Completers | Other Sources | Federal | State | Local |
| TRADES AND INDUSTRIES 17.00 | 17.2399 | Other Sec. | | | | 240 | 36 | | 15,541 | 73,984 | 30,955 |
| | | Metalworking P-Sec. | | | 438 | | | | | | |
| | | Occupations Adult | X | X | | 290 | 27 | | - | 50,974 | 5,291 |
| | 17.2601 | Barbering Sec. | | | 246 | | | 170 | - | | |
| | | P-Sec. Adult | | | | | | | | | |
| | 17.2602 | Cosmetology Sec. | | | 357 | 847 | 218 | | 55,963 | 261,105 | 109,246 |
| | | P-Sec. Adult | X | X | | 1,950 | 582 | 500 | 25,352 | 1,477,175 | 35,575 |
| | 17.2699 | Other Sec. | | | 360 | 130 | 56 | | 10,951 | 40,075 | 16,747 |
| | | Personal Services P-Sec. Adult | X | X | | 1,300 | - | | - | 89,596 | 23,717 |
| | 17.2700 | Plastics Occupations Sec. | | | 75 | 14 | 7 | | 1,207 | 4,316 | 1,806 |
| | | P-Sec. Adult | X | X | | 1,400 | - | | - | 96,488 | 25,541 |
| | 17.2801 | Firefighter Training Sec. | | | 1,275 | 6 | 2 | | 431 | 1,850 | 774 |
| | | P-Sec. Adult | X | X | | 20,100 | 102 | | - | 1,385,292 | 366,699 |
| | 17.2802 | Law Enforcement Training Sec. | | | 2,319 | 67 | 21 | | 5,260 | 20,654 | 8,642 |
| | | P-Sec. Adult | X | X | | 10,300 | 765 | | - | 709,876 | 187,912 |
| 17.2899 | | Other Public Services Sec. | | | 1,194 | 155 | 53 | | 12,158 | 47,782 | 19,992 |
| | | P-Sec. Adult | | | | | | | | | |
| 17.2900 | | Quantity Food Occupations Sec. | | | 3,485 | 900 | 330 | | 72,175 | 277,443 | 116,082 |
| | | P-Sec. Adult | X | X | | 40 | 20 | | - | 30,641 | 3,251 |
| 17.3000 | | Refrigeration Sec. | | | 40 | 245 | 119 | | 15,255 | 185,594 | 4,470 |
| | | P-Sec. Adult | | | | 16 | 7 | | 1,121 | 4,932 | 2,064 |
| 17.3100 | | Small Engine Repair Sec. | | | 144 | 400 | 97 | | 19,660 | 123,308 | 51,592 |
| | | P-Sec. Adult | X | X | | 400 | 179 | | 14,583 | 371,991 | 43,785 |

FY 1981 TABLE: 13(m) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Level and Type of Institution | C T I | | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|-----------------------------|----------------------|---------------------------------------|-------|---|---|------------------------|----------------------|------------------|---------|------------------------|------------|-----------|
| | | | C | T | I | | | Completers | Sources | Federal | State | Local |
| TRADES AND INDUSTRIES 17.00 | 17.3300 | Textile Production/ Fabrication | | | | | | 914 | 40 | 173,322 | 724,435 | 303,103 |
| | | Sec. | | | | 10,609 | 2,350 | | | | | |
| | | P-Sec. | X | X | X | | 5,950 | | | | | |
| | 17.3400 | Leather Working | | | | | 35 | 11 | | 2,414 | 437,618 | 108,550 |
| | | Sec. | | | | 151 | | | | | | |
| | | P-Sec. | | | | | | | | | 10,789 | 4,514 |
| | | Adult | | | | | | | | | | |
| | 17.3500 | Upholstering | | | | | 110 | 53 | | 8,709 | 33,910 | 14,188 |
| | | Sec. | | | | 524 | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| TRADES AND INDUSTRIES 17.00 | 17.3600 | Woodworking | | | | | 175 | 57 | | 16,862 | 132,567 | 3,193 |
| | | Sec. | | | | 690 | 2,622 | 574 | | 140,900 | 808,284 | 338,186 |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | 5,040 | 42 | | 12,699 | 392,116 | 91,949 |
| | 17.9900 | Other | | | | | 7,970 | - | | - | 2,456,912 | 1,027,971 |
| | | Sec. | | | | 151 | 60 | 10 | | - | 45,962 | 4,877 |
| | | P-Sec. Surveying | X | X | X | | 20 | 11 | | - | 15,150 | 365 |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | 48,043 | 51,079 | 9,015 | | 2,957,269 | 15,746,623 | 6,588,318 |
| | | P-Sec. | X | X | X | | 2,555 | 506 | | 32,103 | 1,957,181 | 207,669 |
| SPECIAL PROGRAMS | | INDUSTRIES | X | X | X | | 94,850 | 5,447 | | 948,871 | 22,147,070 | 1,730,422 |
| | | SUBTOTAL | | | | | | | | | | |
| | | TRADES AND | | | | | | | | | | |
| | | INDUSTRIES | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | | | | | | | |
| | | Adult | X | X | X | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | | | | | | | |
| | | Adult | X | X | X | | | | | | | |
| SPECIAL PROGRAMS | 99.0100 | Group Guidance | | | | | 101,500 | - | | 1,711,632 | 479,269 | 938,957 |
| | | Sec. | | | | | | | | | | |
| | 99.0300 | Remedial | X | X | X | | 3,100 | - | | 8,449 | 2,374,414 | 251,966 |
| | | P-Sec. | X | X | X | | 800 | - | | - | 600,865 | 14,608 |
| | | Adult | | | | | 15,793 | - | | - | 1,104,214 | 490,049 |
| | 99.0400 | Industrial Arts | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | 99.0600 | Other Not | | | | | | | | | | |
| | | Elsewhere | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| SPECIAL PROGRAMS | | Classified | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | | 3,100 | - | | 1,711,632 | 1,583,433 | 1,429,006 |
| | | Adult | X | X | X | | 800 | - | | 8,449 | - | 251,966 |
| | | Sec. | | | | | | | | - | - | 14,608 |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | | | | | | | |
| SPECIAL PROGRAMS | | Adult | X | X | X | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | | | | | | | |
| | | Adult | X | X | X | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | | | | | | | |
| | | Adult | X | X | X | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | X | X | X | | | | | | | |
| | | Adult | X | X | X | | | | | | | |

FY 1981

TABLE: 13(n)

NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

SUMMARY

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|--------------|--|--|------------------------|----------------------|------------------|---------------|------------------------|------------|------------|
| | | | | | Completers | Other Sources | Federal | State | Local |
| | 01.00 | Agriculture | | 24,221 | 2,759 | | 122,619 | 7,466,608 | 3,124,025 |
| | | Sec. | | | | | | | |
| | | P-Sec. | 5,149 | 2,315 | 656 | 72 | 21,965 | 1,773,151 | 188,162 |
| | 04.00 | Adult | | 3,705 | 104 | | 23,310 | 413,729 | 67,654 |
| | | Sec. | | | | | | | |
| | | P-Sec. | 22,936 | 12,576 | 3,956 | | 909,554 | 3,876,805 | 1,622,052 |
| | 07.00 | Health | | 3,200 | 458 | 635 | 25,345 | 2,451,008 | 260,094 |
| | | Sec. | | | | | | | |
| | | P-Sec. | | 26,015 | 300 | | - | 2,044,295 | 475,038 |
| | 09.02 | Adult | | 6,612 | 804 | | | 2,038,281 | 852,815 |
| | | Sec. | | | | | | | |
| | | P-Sec. | 7,291 | 5,980 | 1,665 | 940 | 601,516 | 4,580,321 | 486,050 |
| | 14.00 | Adult | | 54,858 | 1,919 | | 372,966 | 6,885,049 | 1,001,715 |
| | | Sec. | | | | | | | |
| | | P-Sec. | 2,618 | 5,194 | 1,888 | | 414,164 | 1,601,155 | 669,922 |
| | 16.00 | Home | | 2,565 | 431 | | 57,448 | 1,964,636 | 208,481 |
| | | Sec. | | | | | | | |
| | | P-Sec. | | 15,660 | 717 | | 17,826 | 1,946,931 | 285,954 |
| | 17.00 | Economics | | 10,969 | 4,064 | | 865,233 | 3,381,413 | 1,414,782 |
| | | Sec. | | | | | | | |
| | | P-Sec. | 22,131 | 32,825 | 4,731 | [2,840] | 648,826 | 25,141,981 | 2,667,994 |
| | 17.00 | Office | | 31,235 | 162 | 8,770 | 8,227 | 2,417,829 | 570,355 |
| | | Sec. | | | | | | | |
| | | P-Sec. | 2,788 | 16,215 | 2,433 | | 293,999 | 12,419,717 | 1,317,944 |
| | 17.00 | Technical | | 9,050 | 10 | | - | 682,258 | 165,254 |
| | | Sec. | | | | | | | |
| | | P-Sec. | 48,043 | 51,079 | 9,015 | | 2,957,269 | 15,746,623 | 6,588,318 |
| | SUBTOTAL - SKILLS DEVELOPMENT PROGRAMS | Adult | | 2,555 | 506 | 1,231 | 32,103 | 1,957,181 | 207,669 |
| | | Sec. | | | | | | | |
| | | P-Sec. | | 94,850 | 5,447 | | 948,871 | 22,147,070 | 1,730,422 |
| | SUBTOTAL - SPECIAL PROGRAMS | Adult | | 110,651 | 22,486 | [2,840] | 5,268,839 | 34,110,885 | 14,271,914 |
| | | Sec. | | | | | | | |
| | | P-Sec. | 110,956 | 65,655 | 10,880 | 8,770 | 1,681,202 | 50,287,996 | 5,336,394 |
| | STATE TOTAL (Consumer and Homemaking Programs) | Adult | | 235,288 | 8,659 | | 1,371,200 | 36,537,161 | 4,296,392 |
| | | Sec. | | | | | | | |
| | | P-Sec. | | 117,293 | - | | 1,711,632 | 1,583,483 | 1,429,006 |
| | STATE TOTAL (Related to Vocational Education Programs) | Adult | | 3,100 | - | | 8,449 | 2,374,414 | 251,966 |
| | | Sec. | | | | | | | |
| | | P-Sec. | | 800 | - | | - | 600,865 | 14,608 |
| | STATE TOTAL (Consumer and Homemaking Programs) | Adult | | 52,944 | - | | 1,263,569 | 6,995,496 | 3,112,200 |
| | | Sec. | | | | | | | |
| | | P-Sec. | | - | - | | - | - | - |
| | STATE TOTAL (Related to Vocational Education Programs) | Adult | | 33,500 | - | | - | 1,100,000 | 507,600 |
| | | Sec. | | | | | | | |
| | | P-Sec. | | 280,888 | 22,486 | | 8,244,046 | 42,689,864 | 18,813,210 |
| | STATE TOTAL (Related to Vocational Education Programs) | Adult | | 68,755 | 10,880 | | 1,689,651 | 52,662,474 | 5,588,360 |
| | | Sec. | | | | | | | |
| | | P-Sec. | | 5,088 | 8,659 | | 1,371,200 | 37,138,026 | 111,000 |

SUMMARY - SKILLS DEVELOPMENT PROGRAMS

FY 1982 TABLE: 13(a) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | * C | * T | * I | Projected Job Openings | Projected Enrollment | Completers | Estimated Supply Other Sources | Estimated Expenditures | | |
|-------------------|---------------------------------|--|--------|--------|--------|------------------------|----------------------|------------|--------------------------------|------------------------|-----------|-----------|
| | | | | | | | | | | Federal | State | Local |
| 01.0100 | Agricultural Production | Sec. | | | | | 5,390 | 840 | | - | 1,677,422 | 701,832 |
| | | P-Sec. | X | X | X | 1,980 | 1,150 | 225 | | 7,226 | 932,170 | 98,864 |
| | | Adult | X | X | X | | 750 | | | - | 54,274 | 14,403 |
| 01.0200 | Agricultural Supplies/ Services | Sec. | | | | | 125 | 50 | | 10,601 | 38,901 | 16,276 |
| | | P-Sec. | X | | | 220 | 5 | | | - | 4,053 | 430 |
| | | Adult | | | | | | | | | | |
| 01.0300 | Agricultural Mechanics | Sec. | | | | | 2,510 | 493 | | - | 781,137 | 326,827 |
| | | P-Sec. | X | X | X | 511 | 80 | 25 | | - | 64,847 | 6,877 |
| | | Adult | X | X | X | | 170 | | | - | 26,868 | 3,265 |
| 01.0400 | Agricultural Products | Sec. | | | | | 125 | 12 | | 3,816 | 38,901 | 16,276 |
| | | P-Sec. | X | | | 489 | 20 | 15 | | - | 16,212 | 1,719 |
| | | Adult | X | X | X | | 700 | | | - | 50,656 | 13,442 |
| 01.0500 | Ornamental Horticulture | Sec. | | | | | 4,050 | 970 | | - | 1,260,401 | 527,351 |
| | | P-Sec. | X | X | X | 1,161 | 300 | 110 | | 10,188 | 243,175 | 25,792 |
| | | Adult | X | X | X | | 1,850 | 60 | | 23,310 | 243,116 | 35,526 |
| 01.0600 | Agricultural Resources | Sec. | | | | | 600 | 158 | | 41,557 | 186,726 | 78,126 |
| | | P-Sec. | X | X | X | 284 | 250 | 75 | | - | 202,646 | 21,492 |
| | | Adult | X | X | X | | 65 | 35 | | - | 52,041 | 1,248 |
| 01.0700 | Forestry | Sec. | | | | | 910 | 184 | | 62,335 | 283,201 | 118,491 |
| | | P-Sec. | X | X | X | 389 | 210 | 80 | | 4,551 | 170,222 | 18,053 |
| | | Adult | | | | | | | | | | |
| 01.9900 | Other | Sec. | | | | | 10,220 | | | - | 3,180,566 | 1,330,746 |
| | | P-Sec. Veterinary Medical | X | | | 115 | 125 | 50 | | - | 101,323 | 10,746 |
| | | Adult | | | | | | | | | | |
| AGRICULTURE 01.00 | SUBTOTAL | Sec. | | | | | 23,930 | 2,707 | | 118,309 | 7,447,255 | 3,115,925 |
| | | P-Sec. | X | X | X | 5,149 | 2,140 | 580 | | 21,965 | 1,734,648 | 183,973 |
| | | Adult | X | X | X | | 3,535 | 95 | | 23,310 | 426,955 | 67,884 |

*CC - Community College, TC - Technical College, TI - Technical Institute

AGRICULTURE 01.00

TABLE: 13(b) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C C | T I | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|----------------------------------|----------------------|--|--------|--------|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | | | | | Completers | Other Sources | Federal | State | Local |
| DISTRIBUTION AND MARKETING 04.00 | 04.0100 | Advertising Sec. | | | | 353 | 87 | | 26,800 | 109,857 | 45,964 |
| | | P-Sec. | x | x | 343 | 50 | 15 | | - | 40,287 | 4,298 |
| | | Adult | x | x | | 1,100 | 85 | | - | 152,429 | 21,124 |
| | 04.0200 | Apparel and Sec. | | | | 1,900 | 595 | | 154,354 | 591,299 | 247,399 |
| | | P-Sec. | x | | 642 | 90 | 15 | | - | 72,516 | 7,737 |
| | | Adult | | | | | | | | | |
| | 04.0300 | Automotive Sec. | | | | 240 | 228 | | 19,082 | 74,690 | 31,250 |
| | | P-Sec. | | | 308 | | | | | | |
| | | Adult | | | | | | | | | |
| | 04.0400 | Finance and Sec. | | | | 100 | 40 | | 6,785 | 31,121 | 13,021 |
| | | P-Sec. | x | x | 190 | 575 | 70 | | - | 463,296 | 49,432 |
| | | Adult | x | x | | 2,500 | | | - | 150,915 | 48,009 |
| | 04.0500 | Floristry Sec. | | | | 85 | 25 | | 6,361 | 26,453 | 11,068 |
| | | P-Sec. | x | | 92 | 50 | 15 | | - | 40,287 | 4,298 |
| | | Adult | | | | | | | | | |
| | 04.0600 | Food Sec. | | | | 1,640 | 633 | | 125,519 | 510,384 | 213,544 |
| | | P-Sec. | | | 2,672 | | | | | | |
| | | Adult | | | | | | | | | |
| | 04.0700 | Food Sec. | | | | 2,150 | 700 | | 161,139 | 669,102 | 279,952 |
| | | P-Sec. | x | x | 3,326 | 170 | 35 | | - | 136,975 | 14,615 |
| | | Adult | x | x | | 12,900 | | | - | 933,522 | 247,725 |
| | 04.0800 | General Merchandise Sec. | | | | 3,850 | 970 | | 242,557 | 1,198,159 | 501,309 |
| | | P-Sec. | | | 5,440 | | | | | | |
| | | Adult | x | x | | 1,200 | | | - | 86,839 | 23,044 |
| | 04.0900 | Hardware, Building Materials Sec. | | | | 196 | 85 | | 14,418 | 60,997 | 25,521 |
| | | P-Sec. | | | 248 | | | | | | |
| | | Adult | | | | | | | | | |
| | 04.1000 | Home Furnishings Sec. | | | | 115 | 42 | | 8,905 | 35,789 | 14,974 |
| | | P-Sec. | | | 96 | | | | | | |
| | | Adult | | | | | | | | | |
| | 04.1100 | Hotel and Lodging Sec. | | | | 40 | 20 | | 3,392 | 12,448 | 5,208 |
| | | P-Sec. | x | x | 268 | 160 | 40 | | 2,561 | 128,917 | 13,755 |
| | | Adult | | | | | | | | | |

TABLE: 13(c) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C T I | | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|--------------|----------------------|--|-------|---|---|------------------------|----------------------|------------------|---------------|------------------------|---------|---------|
| | | | C | T | I | | | Completers | Other Sources | Federal | State | Local |
| | 04.1200 | Industrial Marketing | | | | 148 | 168 | 90 | | 13,570 | 52,283 | 21,875 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1300 | Insurance | | | | 578 | 20 | 12 | | 1,696 | 6,224 | 2,604 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1500 | Personal Services | | | | 218 | 15 | 5 | | - | 12,086 | 1,290 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1600 | Petroleum | | | | | 430 | 210 | | 29,684 | 133,820 | 18,243 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1700 | Real Estate | | | | 322 | 100 | 55 | | 8,057 | 31,121 | 13,021 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1800 | Recreation and Tourism | | | | | 29 | 15 | | 2,459 | 9,025 | 3,776 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.1900 | Transportation | | | | | 975 | 70 | | - | 785,589 | 83,820 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.2000 | Retail Trade, Other | | | | | 6,500 | 64 | | - | 470,379 | 124,823 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.3100 | Wholesale Trade, Other | | | | | 300 | 30 | | 14,842 | 93,363 | 39,063 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | 225 | 30 | | - | 181,290 | 19,343 |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | 175 | 58 | | 12,297 | 54,462 | 22,787 |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.2000 | Retail Trade, Other | | | | | 210 | 55 | | 4,634 | 169,204 | 18,053 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 04.3100 | Wholesale Trade, Other | | | | | 675 | 225 | | - | 249,119 | 12,962 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | 1,075 | 190 | | 54,278 | 334,551 | 139,976 |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | 650 | 125 | | 18,150 | 523,726 | 55,879 |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | 400 | 48 | | 17,810 | 124,484 | 52,084 |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |

TABLE: 13(d) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C T T | | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|--------------|----------------------|--|-------|---|---|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | C | T | T | | | Completers | Other Sources | Federal | State | Local |
| | 07.0101 | Dental Assistant Sec. P-Sec. Voc. Adult | | | | 270 | | | | | | |
| | 07.0102 | Dental Hygienist P-Sec. (AAS Degree) Adult | x | x | x | 124 | 365 | 140 | | 83,871 | 292,229 | 7,009 |
| | 07.0103 | Dental Laboratory P-Sec. Assistant Adult | x | x | x | 35 | 380 | 110 | | 80,800 | 308,022 | 32,668 |
| | 07.0203 | Medical Laboratory P-Sec. Technician Adult | x | x | x | 206 | 80 | 30 | | - | 64,847 | 6,877 |
| | 07.0301 | Nursing P-Sec. (AAS Degree) Adult | x | x | x | 1,534 | 225 | 75 | | 45,123 | 182,381 | 19,343 |
| | 07.0302 | Practical (Voc.) Nurse P-Sec. Voc. Adult | x | x | x | 706 | 65 | 15 | | 6,811 | 52,041 | 1,248 |
| | 07.0303 | Nursing Assistant Sec. (Aide) P-Sec. Adult | x | x | x | 1,773 | 2,750 | 925 | | 67,704 | 2,229,103 | 236,413 |
| | 07.0305 | Surgical Technology P-Sec. Adult | x | x | x | 43 | 125 | | | - | 9,046 | 2,400 |
| | 07.0402 | Physical Therapy P-Sec. Adult | x | x | x | 137 | 2,700 | 975 | | 251,896 | 2,161,696 | 51,849 |
| | 07.0499 | Other Rehabilitation P-Sec. Adult | x | x | x | 145 | 120 | 24 | | - | 37,345 | 15,625 |
| | 07.0501 | Radiologic Technology P-Sec. Adult | x | x | x | 126 | 30,785 | 500 | | 9,261 | 2,799,473 | 591,179 |
| | 07.0503 | Nuclear Medical P-Sec. Technology Adult | x | x | x | 20 | 180 | 80 | | 21,127 | 144,113 | 3,457 |
| | 07.0600 | Ophthalmic P-Sec. Adult | x | x | x | 85 | 165 | 60 | | 21,032 | 133,746 | 14,185 |
| | 07.0700 | Environmental Health Tech. P-Sec. Adult | x | x | x | 20 | 250 | 100 | | 6,858 | 202,646 | 21,492 |
| | 07.0800 | Mental Health Technology P-Sec. Adult | x | x | x | 76 | 50 | 20 | | - | 40,031 | 960 |
| | 07.0903 | Inhalation Thrp, P-Sec. Tech. (Respirat.) Adult | x | x | x | 80 | 425 | 110 | | 63,330 | 344,498 | 36,537 |
| | | | | | | | 30 | 10 | | - | 24,317 | 2,579 |
| | | | | | | | 85 | 20 | | - | 68,900 | 7,307 |
| | | | | | | | 20 | 10 | | - | 16,713 | 384 |
| | | | | | | | 325 | 80 | | - | 263,439 | 27,940 |
| | | | | | | | 280 | 30 | | 3,362 | 226,963 | 24,071 |

HEALTH 07.00

FY 1982 TABLE: 13(e) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program Level and Type of Institution | C T C I | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|---------------------------------|----------------------|---|---------|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | | | | Completers | Other Sources | Federal | State | Local |
| HEALTH 07.00 | 07.0904 | Medical Assistant | | | 5,560 | 785 | | - | 1,730,328 | 723,962 |
| | | P-Sec. Adult | x x x | 259 | 145 | 40 | | 13,307 | 117,535 | 12,465 |
| | | | x x x | | 225 | 125 | | | 180,141 | 4,321 |
| | 07.0906 | Health Aide | | | 8 | 4 | | - | 2,490 | 1,042 |
| | | P-Sec. Voc. Adult | x x x | 527 | 675 | 40 | | - | 547,144 | 58,029 |
| | | | | | | | | | | |
| | 07.0907 | Medical Emerg. P-Sec. Technology | x x | 47 | 70 | 20 | | - | 56,740 | 6,012 |
| | | Adult | x x x | | 12,750 | - | | - | 922,666 | 244,845 |
| | | P-Sec. Adult | x | 42 | 65 | 10 | | - | 52,688 | 5,588 |
| | 07.9900 | Other | | | 980 | - | | - | 304,986 | 127,606 |
| P-Sec. Adult Pharmacy Tech. | | x x | 32 | 60 | 30 | | - | 48,038 | 1,153 | |
| P-Sec. Adult First Aid & Safety | | x x x | 1,054 | 7,400 | - | | - | 535,508 | 142,106 | |
| | SUBTOTAL HEALTH | | | 6,668 | 813 | | - | 2,075,149 | 868,241 | |
| | | x x x | 7,291 | 5,950 | 1,660 | | 601,516 | 4,822,969 | 511,512 | |
| | | x x x | | 54,725 | 1,895 | | 372,966 | 7,200,995 | 1,050,911 | |

FY 1982 TABLE: 13(f) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | Projected Job Openings | | | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|-----------------------------------|----------------------|--|------------------------|---|---|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | C | T | I | | Completers | Other Sources | Federal | State | Local |
| OCCUPATIONAL HOME ECONOMICS 09.00 | 09.0201 | Care & Guidance of Children | | | | | 605 | | 145,025 | 566,402 | 236,982 |
| | | Sec. | | | | | | | | | |
| | | P-Sec. | x | x | x | 910 | 405 | | 57,448 | 1,985,928 | 210,622 |
| | | Adult | x | x | x | 3,200 | 625 | | 17,826 | 959,833 | 61,452 |
| | 09.0202 | Clothing Mgmt., Production Services | | | | | 386 | | 78,873 | 309,654 | 129,559 |
| | | Sec. | | | | 98 | | | | | |
| | | P-Sec. | | | | | | | | | |
| | | Adult | x | x | x | 5,465 | 65 | | - | 515,644 | 104,947 |
| | 09.0203 | Food Mgmt., Production & Services | | | | | 760 | | 162,835 | 617,752 | 258,467 |
| | | Sec. | | | | 1,985 | | | | | |
| | | P-Sec. | | x | | 5 | | | - | 4,053 | 430 |
| | | Adult | x | x | x | 2,900 | | | - | 209,861 | 55,690 |
| | 09.0204 | Home Furnishings, Equipment, Services | | | | | 46 | | 10,856 | 45,437 | 19,011 |
| | | Sec. | | | | 146 | | | | | |
| | | P-Sec. | | x | | 135 | 30 | | - | 109,429 | 11,606 |
| | | Adult | | | | | | | | | |
| | 09.0205 | Institutional, Home Mgmt., Services | | | | | 25 | | 3,562 | 14,938 | 6,250 |
| | | Sec. | | | | 48 | | | | | |
| | | P-Sec. | | | | | | | | | |
| | | Adult | x | x | x | 4,100 | 40 | | - | 296,701 | 78,734 |
| | 09.0299 | Other Management Aide Services | | | | | 98 | | 19,556 | 74,690 | 31,250 |
| | | Sec. | | | | 240 | | | | | |
| | | P-Sec. | | | | | | | | | |
| | | Adult | | | | | | | | | |
| | | Sec. | | | | | | | | | |
| | | P-Sec. | | | | | | | | | |
| | | Adult | | | | | | | | | |
| | | Sec. | | | | | | | | | |
| | | P-Sec. | | | | | | | | | |
| | | Adult | | | | | | | | | |
| | | SUBTOTAL OCCUPATIONAL HOME ECONOMICS | | | | | 1,920 | | 220,657 | 1,628,873 | 681,519 |
| | | Sec. | | | | 5,234 | | | | | |
| | | P-Sec. | x | x | x | 2,590 | 435 | | 57,448 | 2,099,410 | 222,658 |
| | | Adult | x | x | x | 15,665 | 730 | | 17,826 | 1,982,039 | 300,823 |

FY 1982 TABLE: 13(g) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | Projected Job Openings | | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|-------------------|----------------------|--|------------------------|---|----------------------|------------------|---------------|------------------------|------------|-----------|
| | | | C | T | | Completers | Other Sources | Federal | State | Local |
| 14.0100 | | Accounting Sec. | | | 740* | 312 | [650] | 61,487 | 230,295 | 96,355 |
| | | and Computing P-Sec. | X | X | 3,400 | 525 | 2,150 | 77,111 | 2,747,639 | 292,293 |
| 14.0201 | | Adult | X | X | 2,550 | | | | 184,533 | 48,969 |
| | | Computer and Sec. | | | | | | | | |
| 14.0202 | | Console P-Sec. | | | | | | | | |
| | | Operators Adult | X | X | 325 | 135 | | 3,415 | 260,204 | 6,241 |
| 14.0203 | | Programmers Sec. | | | 3,200 | 425 | | | | |
| | | P-Sec. | X | X | | | | 25,772 | 2,585,072 | 275,099 |
| 14.0299 | | Adult | | | 1,350 | 306 | | 97,532 | 420,134 | 175,784 |
| | | Other Business Data Processing Adult | | | 1,250 | | 30 | | | |
| 14.0300 | | Filing, Office Sec. | | | 650 | 310 | [750] | 4,812 | 90,458 | 24,004 |
| | | Machines P-Sec. | X | X | 3,150 | 465 | 600 | 54,278 | 202,287 | 84,637 |
| 14.0400 | | Clerical Adult | X | X | 1,050 | | | 47,824 | 2,544,680 | 270,801 |
| | | Information/ Sec. | | | 15 | 9 | [175] | 1,272 | 75,984 | 20,164 |
| 14.0500 | | Communications P-Sec. | X | X | 250 | 25 | 60 | | 4,668 | 1,953 |
| | | Adult | | | 35 | 20 | | | 201,959 | 21,492 |
| 14.0600 | | Materials Sec. | | | 40 | 22 | | 2,968 | 12,448 | 5,208 |
| | | Support, P-Sec. | | | | | | | | |
| 14.0600 | | Transportation Adult | | | | | | | | |
| | | Personnel Sec. | | | 9 | 4 | | 763 | 2,801 | 1,172 |
| 14.0700 | | Training & P-Sec. | X | X | 75 | 35 | | | 60,588 | 6,448 |
| | | Related | X | X | 170,000 | | | | 1,230,222 | 326,459 |
| 14.0800 | | Steno, Sec. | | | 850 | 300 | [900] | 59,367 | 264,520 | 110,679 |
| | | Secretarial & P-Sec. | X | X | 5,775 | 740 | 4,000 | 184,867 | 4,665,247 | 496,468 |
| 14.0800 | | Related Adult | X | X | 1,650 | | | | 119,404 | 31,686 |
| | | Supervisory & Sec. | | | 335 | 115 | | 25,443 | 104,255 | 43,620 |
| 14.0900 | | Administration P-Sec. | X | X | 16,900 | 2,465 | 1,425 | 313,252 | 13,652,410 | 1,452,866 |
| | | Management Adult | X | X | 2,250 | | | | 162,824 | 43,208 |
| 14.0900 | | Typing and Sec. | | | 7,300 | 2,750 | [365] | 576,708 | 2,271,833 | 950,533 |
| | | Related P-Sec. | | | | | 415 | | | |
| 14.9900 | | Adult | X | X | 5,200 | | | | 376,303 | 99,858 |
| | | Other Sec. | | | 150 | 78 | | - | 46,682 | 19,532 |
| 14.9900 | | P-Sec. | | | | | | | | |
| | | Adult | | | | | | | | |
| SUBTOTAL | | Sec. | | | 11,439 | 4,206 | [2,840] | 879,818 | 3,559,932 | 1,489,473 |
| | | P-Sec. | X | X | 32,750 | 4,680 | 8,770 | 648,826 | 26,456,595 | 2,315,467 |
| BUSINESS & OFFICE | | Adult | X | X | 31,310 | 155 | | 8,227 | 2,527,954 | 601,261 |
| | | | | | | | | | | |

* Secondary Enrollment From Vocational Funds Only
 [] Secondary - Estimated Completions From Public School Funds

BUSINESS AND OFFICE 14.00

FY 1982

TABLE: 13(h) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C T I | | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|--------------|----------------------|--|-------|---|---|------------------------|----------------------|------------------|---------------|------------------------|----------------------|-------------------|
| | | | C | T | I | | | Completers | Other Sources | Federal | State | Local |
| | 16.0101 | Aeronautical P-Sec. Technology Adult | | | | 1 | | | | | | |
| | 16.0103 | Architectural P-Sec. Technology Adult | x | x | x | 97 | 500 | 120 | | | 405,292 | 42,984 |
| | 16.0104 | Automotive P-Sec. Technology Adult | | x | x | 30 | 95 | 15 | | | 77,005 | 8,167 |
| | 16.0105 | Chemical P-Sec. Technology Adult | x | x | x | 59 | 65 165 | 20 | | 5,770 | 52,688 11,940 | 5,588 3,169 |
| | 16.0106 | Civil P-Sec. Technology Adult | x | x | x | 115 | 625 1,100 | 130 | | 8,729 | 506,614 79,603 | 53,730 21,124 |
| | 16.0107 | Electrical P-Sec. Technology Adult | x | x | x | 61 | 340 | 45 | | | 275,598 | 29,229 |
| | 16.0108 | Electronic P-Sec. Technology Adult | x | x | x | 421 | 2,200 3,200 | 405 | | 59,998 | 1,783,283 231,571 | 189,131 61,451 |
| | 16.0109 | Electromechanical P-Sec. Technology Adult | x | x | x | 62 | 260 | 60 | | 8,984 | 210,752 | 22,352 |
| | 16.0110 | Environmental P-Sec. Technology Adult | x | x | x | 105 | 410 | 45 | | 27,141 | 332,339 | 35,247 |
| | 16.0111 | Industrial P-Sec. Technology Adult | x | x | x | 346 | 2,450 50 | 280 | | 16,998 | 1,985,928 3,618 | 210,623 960 |
| | 16.0112 | Instrumentation P-Sec. Technology Adult | x | x | x | 29 | 85 | 15 | | 10,800 | 68,900 | 7,307 |
| | 16.0113 | Mechanical P-Sec. Technology Adult | x | x | x | 174 | 715 4,500 | 155 | | 16,559 | 579,567 325,647 | 61,467 86,416 |
| | 16.0114 | Metallurgical P-Sec. Technology Adult | | | | 7 | | | | | | |
| | 16.0117 | Scientific Data P-Sec. Technology Adult | | | | 9 | | | | | | |
| | 16.0601 | Commercial Pilot P-Sec. Training Adult | x | x | x | 37 | 100 | 20 | | | 81,058 | 8,597 |
| | 16.0602 | Fire/Fire Safety P-Sec. Technology Adult | x | x | x | 57 | 425 | 60 | | 12,984 | 344,498 | 36,537 |

TECHNICAL 16.00

FY 1982 TABLE: 13(i) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C T I | | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|-----------------------------|----------------------|--|-------|---|---|------------------------|----------------------|------------------|---------------|------------------------|------------|-----------|
| | | | C | T | I | | | Completers | Other Sources | Federal | State | Local |
| TECHNICAL 16.00 | 16.0604 | Oceanographic Technology | | | | 65 | 125 | 40 | | | 101,323 | 10,746 |
| | 16.0605 | Police | x | x | | 907 | 5,800 | 940 | | 119,336 | 4,701,382 | 498,617 |
| | | Science | | | | | | | | | | |
| | 16.9902 | Water/Waste- | | | | 24 | 40 | 5 | | 6,700 | 32,423 | 3,439 |
| | | Water Tech. | x | x | x | | 100 | 15 | | | 80,063 | 1,920 |
| | 16.9900 | Other | x | x | x | 182 | 1,800 | 30 | | | 1,459,049 | 154,743 |
| | | SUBTOTAL | x | x | x | 2788 | 16,035 | 2,385 | | 293,999 | 12,997,699 | 1,378,504 |
| | | TECHNICAL | x | x | x | | 9,115 | 15 | | | 732,442 | 175,040 |
| TRADES AND INDUSTRIES 17.00 | 17.0100 | Air Cond. Climate Control | | | | 248 | 430 | 140 | | 306,351 | 134,577 | 56,253 |
| | | Sec. | | | | | | | | | | |
| | 17.0200 | Appliance Repair | x | x | x | | 2,200 | 240 | | 22,203 | 1,251,598 | 42,248 |
| | | Sec. | | | | | 126 | 38 | | 9,329 | 39,212 | 16,406 |
| | | P-Sec. | | | | | | | | | | |
| | 17.0301 | Body and Fender Repair | x | x | | 61 | 25 | 20 | | | 20,016 | 480 |
| | | Sec. | | | | | 620 | 155 | | 38,165 | 192,950 | 80,730 |
| | | P-Sec. | | | | | | | | | | |
| | 17.0302 | Auto Mechanics | x | x | x | | 1,250 | 155 | | 26,315 | 1,000,785 | 24,004 |
| | | Sec. | | | | | 6,850 | 812 | | 370,620 | 2,131,789 | 891,939 |
| | | P-Sec. | | | | | | | | | | |
| | 17.0399 | Automotive Specialization | x | x | x | 1,344 | 9,400 | 525 | | 76,140 | 3,593,288 | 180,513 |
| | | Sec. | | | | | 1,500 | 808 | | 124,671 | 466,815 | 195,315 |
| | | P-Sec. | | | | | | | | | | |
| | 17.0400 | Aviation Occupations | x | x | x | 57 | 35 | 15 | | | 28,022 | 672 |
| | | Sec. | | | | | 180 | 55 | | 11,449 | 56,018 | 23,438 |
| | | P-Sec. | x | | x | | 75 | 20 | | 26,297 | 60,794 | 6,448 |
| | 17.0500 | Blueprint Reading | x | | x | | 1,350 | 5 | | | 104,976 | 25,925 |
| | | Sec. | | | | | | | | | | |
| | | P-Sec. | | | | | | | | | | |
| | | Adult | x | x | x | | 1,200 | | | | 86,839 | 23,044 |

* Includes Climate Control, New Programs \$277,516

FY 1982 TABLE: 13(j) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C | T | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|-----------------------------|----------------------|--|---|---|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | | | | | Completers | Other Sources | Federal | State | Local |
| TRADES AND INDUSTRIES 17.00 | 17.0600 | Business Machine Maintenance | | | 140 | 30 | 19 | | 2,544 | 1,336 | 3,906 |
| | 17.0700 | Commercial Art Occupations | | | 186 | 90 | 17 | | 5,937 | 28,009 | 11,719 |
| | 17.0800 | Commercial Fishery Occupations | | | 140 | 800 | 90 | | | 648,466 | 68,775 |
| | 17.0900 | Commercial Photography | | | 108 | 225 | 30 | | | 180,141 | 4,321 |
| | 17.1001 | Carpentry | | | 2425 | 1,325 | 15 | | | 114,092 | 25,445 |
| | 17.1002 | Electricity | | | 632 | 110 | 20 | | 8,481 | 34,233 | 14,323 |
| | 17.1004 | Masonry | | | 702 | 210 | 30 | | | 170,222 | 18,054 |
| | 17.1007 | Plumbing and Pipefitting | | | 520 | 6,250 | 1,240 | | 352,069 | 1,945,063 | 813,813 |
| | 17.1099 | Other Construction & P-Sec. | | | 1792 | 40 | 15 | | 380,679 | 32,423 | 3,439 |
| | 17.1100 | Maintenance Custodial Service | | | 4964 | 3,275 | 275 | | 177,253 | 1,966,621 | 62,891 |
| TRADES AND INDUSTRIES 17.00 | 17.1200 | Diesel Mechanic | | | 156 | 3,070 | 346 | | 82,504 | 955,415 | 399,745 |
| | 17.1300 | Drafting Occupations | | | 267 | 3,300 | 470 | | 296,835 | 1,622,505 | 63,371 |
| | 17.1000 | Business Machine Maintenance | | | 140 | 4,950 | 1,050 | | | 1,540,490 | 644,540 |
| | 17.1001 | Carpentry | | | 2425 | 2,500 | 165 | | 12,426 | 508,633 | 48,009 |
| | 17.1002 | Electricity | | | 632 | 240 | 114 | | 15,690 | 74,690 | 31,250 |
| | 17.1004 | Masonry | | | 702 | 300 | 50 | | 13,175 | 149,156 | 5,761 |
| | 17.1007 | Plumbing and Pipefitting | | | 520 | 260 | 78 | | 20,354 | 80,915 | 33,855 |
| | 17.1099 | Other Construction & P-Sec. | | | 1792 | 450 | 165 | | 3,364 | 360,283 | 8,642 |
| | 17.1100 | Maintenance Custodial Service | | | 4964 | 250 | 134 | | 15,266 | 77,803 | 32,553 |
| | 17.1200 | Diesel Mechanic | | | 156 | 48 | 20 | | 3,392 | 14,938 | 6,250 |
| TRADES AND INDUSTRIES 17.00 | 17.1300 | Drafting Occupations | | | 267 | 550 | 80 | | 23,008 | 440,345 | 10,562 |
| | 17.1000 | Business Machine Maintenance | | | 140 | 6,200 | 810 | | 368,924 | 1,929,502 | 907,302 |
| | 17.1001 | Carpentry | | | 2425 | 875 | 200 | | 709,260 | 709,260 | 5,223 |
| | 17.1002 | Electricity | | | 632 | 1,050 | 130 | | 9,570 | 695,007 | 20,164 |
| | 17.1004 | Masonry | | | 702 | | | | | | |
| | 17.1007 | Plumbing and Pipefitting | | | 520 | | | | | | |
| | 17.1099 | Other Construction & P-Sec. | | | 1792 | | | | | | |
| | 17.1100 | Maintenance Custodial Service | | | 4964 | | | | | | |
| | 17.1200 | Diesel Mechanic | | | 156 | | | | | | |
| | 17.1300 | Drafting Occupations | | | 267 | | | | | | |

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | C T I | | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|-----------------------------|----------------------|--|-------|---|---|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | C | T | I | | | Completers | Other Sources | Federal | State | Local |
| TRADES AND INDUSTRIES 17.00 | 17.1400 | Electrical Occupations | | | | 259 | 100 | 40 | | 8,481 | 31,121 | 13,021 |
| | | P-Sec. Adult | x | x | x | | | 275 | | 18,133 | 380,298 | 9,122 |
| | 17.1500 | Electronics Occupations | | | | 250 | 330 | 64 | | 25,443 | 102,699 | 42,969 |
| | | P-Sec. Voc. Adult | x | x | x | | 225 | 90 | | | 182,381 | 19,343 |
| | 17.1600 | Fabric Maintenance Services | | | | 495 | 925 | 230 | | 26,108 | 740,581 | 17,763 |
| | | P-Sec. Adult | x | x | x | | | - | | - | - | - |
| | 17.1700 | Foremanship/Management Development | | | | 8175 | | | | | | |
| | | P-Sec. Adult | x | x | x | | 8,700 | 447 | | 138,240 | 629,584 | 167,070 |
| | 17.1900 | Graphic Arts | | | | 398 | 2,095 | 15 | | | 651,985 | 272,790 |
| | | P-Sec. Adult | x | x | x | | 145 | 90 | | 13,371 | 117,535 | 12,466 |
| | 17.2100 | Instrument Maintenance/Repair | | | | 346 | 110 | 10 | | 1,017 | 88,069 | 2,112 |
| | | P-Sec. Adult | x | x | x | | 12 | 15 | | | 3,735 | 1,563 |
| | 17.2200 | Maritime Occupations | | | | 6 | 30 | 47 | | | 24,019 | 576 |
| | | P-Sec. Adult | x | x | x | | 210 | 15 | | 12,722 | 65,354 | 27,344 |
| | 17.2302 | Machine Shop | | | | 389 | 75 | 60 | | 16,962 | 108,924 | 45,574 |
| | | P-Sec. Adult | x | x | x | | 50 | 15 | | 5,806 | 40,529 | 4,298 |
| | 17.2303 | Machine Tool Operation | | | | 1196 | 2,000 | 210 | | 44,355 | 1,091,473 | 38,407 |
| | | P-Sec. Adult | x | x | x | | | - | | - | - | - |
| | 17.2305 | Sheet Metal | | | | 296 | 80 | 20 | | | 27,637 | 1,536 |
| | | P-Sec. Voc. Adult | x | x | x | | 50 | 8 | | 2,035 | 15,561 | 6,511 |
| | 17.2306 | Welding and Cutting | | | | 476 | 960 | 184 | | 51,904 | 298,762 | 125,002 |
| | | P-Sec. Voc. Adult | x | x | x | | 4,700 | 285 | | 96,479 | 2,488,494 | 90,256 |
| | 17.2307 | Tool and Die Making | | | | 117 | | - | | - | - | - |
| | | P-Sec. Voc. Adult | x | x | x | | 120 | 30 | | 11,290 | 96,075 | 2,304 |

TRADES AND INDUSTRIES 17.00

FY 1982

TABLE: 13(1)

NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Instructional Program Level and Type of Institution | C | | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|-----------------------------|----------------------|---|---|---|------------------------|----------------------|------------------|---------------|------------------------|-----------|---------|
| | | | C | T | | | Completers | Other Sources | Federal | State | Local |
| TRADES AND INDUSTRIES 17.00 | 17.2399 | Other Sec. | | | | 240 | 36 | | 10,177 | 74,690 | 31,250 |
| | | Metalworking P-Sec. | | | 438 | | | | | | |
| | | Occupations Adult | x | x | | 300 | 30 | | | 65,406 | 5,761 |
| | 17.2601 | Barbering Sec. | | | | | | | | | |
| | | P-Sec. Adult | | | 246 | | | | | | |
| | 17.2602 | Cosmetology Sec. | | | | 850 | 218 | | 55,127 | 264,529 | 110,679 |
| | | P-Sec. Voc. Adult | x | x | 357 | 1,950 | 585 | | 25,352 | 1,561,225 | 37,447 |
| | 17.2699 | Other Personal Services Sec. | | | | 130 | 55 | | 10,601 | 40,457 | 16,927 |
| | | P-Sec. Adult | x | x | 360 | 1,200 | | | | 86,840 | 23,044 |
| | 17.2700 | Plastics Occupations Sec. | | | 75 | 15 | 7 | | 1,272 | 4,668 | 1,953 |
| | | P-Sec. Voc. Adult | x | x | | 1,400 | | | | 101,312 | 26,885 |
| | 17.2801 | Firefighter Training Sec. | | | 1275 | 6 | 2 | | 424 | 1,867 | 781 |
| | | P-Sec. Adult | x | x | | 20,000 | 100 | | | 1,447,320 | 384,070 |
| | 17.2802 | Law Enforcement Training Sec. | | | | 67 | 21 | | 5,089 | 20,851 | 8,724 |
| | | P-Sec. Adult | x | x | 2319 | 10,500 | 775 | | | 759,843 | 201,637 |
| | 17.2899 | Other Public Services Sec. | | | 1194 | 160 | 55 | | 12,722 | 49,794 | 20,834 |
| | | P-Sec. Adult | | | | | | | | | |
| | 17.2900 | Quantity Food Occupations Sec. | | | 3485 | 910 | 345 | | 76,329 | 283,201 | 118,491 |
| | | P-Sec. Voc. Adult | x | x | | 40 | 20 | | | 32,424 | 3,439 |
| | 17.3000 | Refrigeration Sec. | x | x | | 215 | 110 | | 15,255 | 172,135 | 4,129 |
| | | P-Sec. Adult | | | 40 | 16 | 8 | | 1,272 | 4,979 | 2,083 |
| | 17.3100 | Small Engine Repair Sec. | | | | 200 | 85 | | 16,962 | 62,242 | 26,042 |
| | | P-Sec. Voc. Adult | x | x | 144 | 2,325 | 185 | | 14,583 | 404,936 | 44,648 |

FY 1982 TABLE: 13(m) NORTH CAROLINA VOCATIONAL EDUCATION PROJECTED PLAN FOR MEETING JOB SKILL TRAINING NEEDS

| Program Area | O. E. Program Number | Level and Type of Institution | C | T | I | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|-----------------------------|----------------------|-------------------------------|---|---|---|------------------------|----------------------|------------------|---------|------------------------|------------|-----------|
| | | | | | | | | Completers | Sources | Federal | State | Local |
| TRADES AND INDUSTRIES 17.00 | 17.3300 | Textile Sec. | | | | | 2,400 | 940 | | 178,101 | 745,904 | 312,504 |
| | | Production/ P-Sec. | | | | 10,609 | | | | | | |
| | | Fabrication Adult | x | x | x | | 5,940 | - | | - | 458,984 | 114,069 |
| | 17.3400 | Leather Sec. | | | | 151 | 35 | 11 | | 2,375 | 10,892 | 4,557 |
| | | Working P-Sec. Voc. | | | | | | | | | | |
| | | Adult | | | | | | | | | | |
| | 17.3500 | Upholstering Sec. | | | | 524 | 110 | 54 | | 8,905 | 34,233 | 14,323 |
| | | P-Sec. Voc. | | | | | | | | | | |
| | | Adult | x | x | | | 175 | 60 | | 16,862 | 140,110 | 3,361 |
| | 17.3600 | Woodworking Sec. | | | | 690 | 2,630 | 576 | | 139,088 | 818,482 | 342,452 |
| TRADES AND INDUSTRIES 17.00 | | P-Sec. Voc. | | | | | | | | | | |
| | | Adult | x | x | | | 5,065 | 45 | | 12,699 | 413,871 | 97,266 |
| | 17.9900 | Other Sec. | | | | 151 | 8,080 | - | | - | 2,514,577 | 1,052,097 |
| | | P-Sec. Surveying | x | x | | | 60 | 10 | | | 48,635 | 5,157 |
| | | Adult | x | | | | 20 | 10 | | | 16,013 | 384 |
| TRADES AND INDUSTRIES 17.00 | | SUBTOTAL | | | | 48,643 | 51,160 | 9,129 | | 2,902,578 | 15,922,262 | 6,661,808 |
| | | TRADES AND | x | x | x | | 2,520 | 505 | | 32,103 | 2,042,669 | 216,642 |
| | | INDUSTRIES | x | x | x | | 94,740 | 5,410 | | 948,871 | 23,376,580 | 1,819,338 |

| | | | | | | | | | | | | |
|---------|-----------------|--------|---|---|---|--|---------|--|--|-----------|-----------|-----------|
| 99.0100 | Group Guidance | Sec. | | | | | 100,500 | | | 1,711,632 | 488,854 | 957,736 |
| | | Sec. | | | | | | | | | | |
| 99.0300 | Remedial | P-Sec. | x | x | x | | 3,100 | | | 8,449 | 2,512,808 | 266,502 |
| | | Adult | x | x | x | | 800 | | | | 640,502 | 15,363 |
| 99.0400 | Industrial Arts | Sec. | | | | | 15,900 | | | | 1,126,298 | 500,217 |
| | | | | | | | | | | | | |
| 99.0600 | Other Not | Sec. | | | | | | | | | | |
| | Elsewhere | P-Sec. | | | | | | | | | | |
| | Classified | Adult | | | | | | | | | | |
| | SUBTOTAL | | | | | | | | | 1,711,632 | 1,615,152 | 1,457,953 |
| | SPECIAL | P-Sec. | x | x | x | | 3,100 | | | 8,449 | 2,512,808 | 266,502 |
| | PROGRAMS | Adult | x | x | x | | 800 | | | | 640,502 | 15,363 |

SUMMARY

| Program Area | O. E. Program Number | Instructional Program, Level and Type of Institution | Projected Job Openings | Projected Enrollment | Estimated Supply | | Estimated Expenditures | | |
|--|----------------------|--|------------------------|----------------------|------------------|---------------|------------------------|------------|-----------|
| | | | | | Completers | Other Sources | Federal | State | Local |
| 01.00 | | Agriculture Sec. | 5149 | 23,930 | 2,707 | | 118,309 | 7,447,255 | 3,115,925 |
| | | P-Sec. | | 2,140 | 580 | 21,965 | 1,734,648 | 183,973 | |
| | | Adult | | 3,535 | 95 | 23,310 | 426,955 | 67,884 | |
| 04.00 | | Distribution Sec. | 21,082 | 13,366 | 4,167 | | 924,005 | 4,159,632 | 1,740,386 |
| | | P-Sec. | | 3,170 | 475 | 25,345 | 2,554,173 | 272,520 | |
| | | Adult | | 25,825 | 310 | | 2,141,951 | 495,930 | |
| 07.00 | | Health Sec. | 7291 | 6,668 | 813 | | - | 2,075,149 | 868,241 |
| | | P-Sec. | | 5,950 | 1,660 | 601,516 | 4,822,969 | 511,512 | |
| | | Adult | | 54,725 | 1,895 | 372,966 | 7,200,995 | 1,050,911 | |
| 09.02 | | Occupational Sec. | 2618 | 5,234 | 1,920 | | 420,657 | 1,628,873 | 681,519 |
| | | P-Sec. | | 2,590 | 435 | 57,448 | 2,099,410 | 222,658 | |
| | | Adult | | 15,665 | 730 | 17,826 | 1,982,039 | 300,823 | |
| 14.00 | | Business Sec. | 22,131 | 11,439 | 4,206 | | 879,818 | 3,559,932 | 1,489,473 |
| | | P-Sec. | | 32,750 | 4,680 | 648,826 | 26,456,595 | 2,815,467 | |
| | | Office Adult | | 31,310 | 155 | 8,227 | 2,527,954 | 601,261 | |
| 16.00 | | Technical P-Sec. | 2788 | 16,035 | 2,385 | | 293,999 | 12,997,699 | 1,378,504 |
| | | Adult | | 9,115 | 15 | | 732,442 | 175,040 | |
| | | Sec. | | 51,160 | 9,129 | 2,902,578 | 15,922,262 | 6,661,808 | |
| 17.00 | | Industries P-Sec. | 48,643 | 2,520 | 505 | | 32,103 | 2,042,669 | 216,642 |
| | | Adult | | 94,740 | 5,410 | 948,871 | 23,376,580 | 1,819,338 | |
| | | Sec. | | 111,797 | 22,942 | 5,245,367 | 34,793,103 | 14,557,352 | |
| SUBTOTAL - SKILLS DEVELOPMENT PROGRAMS | | P-Sec. | 109,702 | 65,155 | 10,720 | | 1,681,202 | 52,708,164 | 5,601,276 |
| | | Adult | | 234,915 | 8,610 | 1,371,200 | 38,388,916 | 4,511,187 | |
| | | Sec. | | 116,400 | - | 1,711,632 | 488,854 | 957,736 | |
| SUBTOTAL - SPECIAL PROGRAMS | | P-Sec. | | 3,100 | | 8,449 | 2,512,808 | 266,502 | |
| | | Adult | 800 | | | 640,502 | 15,363 | | |
| | | Sec. | 52,925 | - | 1,263,569 | 7,135,406 | 3,174,444 | | |
| STATE TOTAL (Consumer and Homemaking Programs) | | P-Sec. | | 33,500 | | | 1,150,000 | 509,000 | |
| | | Adult | | | | | | | |
| | | Sec. | 281,122 | 22,492 | 8,220,568 | 42,417,363 | 18,689,532 | | |
| STATE TOTAL (Related to Vocational Education Programs) | | P-Sec. | | 68,255 | 10,720 | 1,689,651 | 55,220,971 | 5,867,778 | |
| | | Adult | 235,715 | 8,610 | 1,371,200 | 39,029,418 | 26,550 | | |
| | | Sec. | | | | | | | |

SUMMARY - SKILLS DEVELOPMENT PROGRAMS

TABLE: 14

| OE Code | Instructional Program Level and Type of Institution | Level | C C | T I | 1/Projected Enrollment | Estimated Expenditures | | |
|---------|---|-----------|-----|-----|------------------------|------------------------|-----------|-----------|
| | | | | | | Federal | State | Local |
| 09.0101 | Comprehensive Homemaking | Sec. | | | 30,050 | 717,205 | 3,970,496 | 1,766,549 |
| | | Adult 2/ | | | | | | |
| 09.0102 | Child Development | Sec. | | | 2,756 | 65,775 | 364,150 | 161,998 |
| | | Adult | x | x | 1,500 | | 49,254 | 22,728 |
| 09.0103 | Clothing and Textiles | Sec. | | | 2,253 | 53,770 | 297,689 | 132,431 |
| | | Adult | x | x | 26,300 | | 863,582 | 398,504 |
| 09.0104 | Consumer Education and Management | Sec. | | | 1,491 | 35,584 | 197,006 | 87,641 |
| 09.0106 | Family Relationships | Sec. | | | 7,251 | 173,052 | 958,075 | 426,214 |
| 09.0107 | Foods and Nutrition | Sec. | | | 2,819 | 67,278 | 372,474 | 165,701 |
| | | Adult | x | x | 3,100 | | 101,791 | 46,972 |
| 09.0108 | Home Management | Sec. | | | 301 | 7,184 | 39,771 | 17,693 |
| 09.0109 | Housing and Home Furnishings | Sec. | | | 1,319 | 31,479 | 174,279 | 77,531 |
| | | Adult | x | x | 2,600 | | 85,373 | 39,396 |
| 09.0199 | Other, Personal Management for Wages and Careers | Sec. | | | 4,703 | 112,242 | 621,407 | 276,442 |
| TOTAL | | Sec. | | | 52,944 | 1,263,569 | 6,995,496 | 3,112,200 |
| | | Sec. 2/ | | | | | | |
| | | Tot. Sec. | | | 52,944 | 1,263,569 | 6,995,496 | 3,112,200 |
| | | Adult | x | x | 33,500 | | 1,100,000 | 507,600 |

1/ Enrollments by unduplicated count

2/ Adult Enrollment in Secondary Schools

NORTH CAROLINA VOCATIONAL EDUCATION PLAN FOR MEETING CONSUMER AND HOMEMAKING NEEDS FY 1982

TABLE: 14

| OE Code | Instructional Program Level and Type of Institution | Level | C C | T I | 1/Projected Enrollment | Estimated Expenditures | | |
|------------|--|-----------|--------|--------|---------------------------|------------------------|-----------|-----------|
| | | | | | | Federal | State | Local |
| 09.0101 | Comprehensive Homemaking | Sec. | | | 29,950 | 715,039 | 4,037,916 | 1,796,403 |
| | | Adult 2/ | | | | | | |
| 09.0102 | Child Development | Sec. | | | 2,800 | 66,850 | 377,496 | 167,944 |
| | | Adult | x | x | 1,800 | - | 61,791 | 27,349 |
| 09.0103 | Clothing and Textiles | Sec. | | | 2,250 | 53,719 | 303,345 | 134,955 |
| | | Adult | x | x | 26,000 | - | 892,537 | 395,045 |
| 09.0104 | Consumer Education and Management | Sec. | | | 1,500 | 35,813 | 202,230 | 89,970 |
| 09.0106 | Family Relationships | Sec. | | | 7,250 | 173,094 | 977,445 | 434,855 |
| | | Sec. | | | 2,850 | 68,044 | 384,237 | 170,943 |
| 09.0107 | Foods and Nutrition | Adult | x | x | 3,100 | - | 106,418 | 47,102 |
| 09.0108 | Home Management | Sec. | | | 300 | 7,163 | 40,446 | 17,994 |
| | | Sec. | | | 1,325 | 31,634 | 178,637 | 79,474 |
| 09.0109 | Housing and Home Furnishings | Adult | x | x | 2,600 | - | 89,254 | 39,504 |
| 09.0199 | Other, Personal Management for Wages and Careers | Sec. | | | 4,700 | 112,213 | 633,654 | 281,906 |
| | | Sec. | | | 52,925 | 1,263,569 | 7,135,406 | 3,174,444 |
| | | Sec. 2/ | | | | | | |
| | | Tot. Sec. | | | 52,925 | 1,263,569 | 7,135,406 | 3,174,444 |
| | | Adult | x | x | 33,500 | - | 1,150,000 | 509,000 |
| | TOTAL | | | | | | | |

1/ Enrollments by unduplicated count

2/ Adult Enrollment in Secondary Schools

TABLE: 15

Summary - Projected Secondary Enrollment - FY 1981

| PROGRAM AREA | Not Involving VEDS* Follow-Up (But Leading to Skill Development) | | | Involving VEDS* Follow-Up For Skill Development Grades 11 & 12 | Total |
|-----------------------------------|---|-------------------|---------|---|---------|
| | Below Grade 11 | Grades 11 & 12 | Total | | |
| 01. Agriculture | 13,938 | 936 | 14,874 | 9,347 | 24,221 |
| 04. Distribution Marketing | 1,028 | 1,000 | 2,028 | 10,548 | 12,576 |
| 07. Health | 1,380 | 285 | 1,665 | 4,947 | 6,612 |
| 09.01 Consumer/Homemaking | - | - | - | - | 52,944 |
| 09.02 Occupational Home Economics | 391 | - | 391 | 4,803 | 5,194 |
| 14.0 Business/Office | 615 | 190 | 805 | 10,164 | 10,969 |
| 17.0 Trade and Industrial | 18,280 | 2,075 | 20,355 | 30,724 | 51,079 |
| 99.0 Prevocational | 101,500 | - | 101,500 | - | 101,500 |
| 99.04 Industrial Arts | 13,700 | 2,093 | 15,793 | - | 15,793 |
| TOTAL | 150,832 | 6,579 | 157,411 | 70,533 | 280,888 |

* Vocational Education Data System

TABLE: 15

Summary - Projected Secondary Enrollment - FY 1982

| PROGRAM AREA | Not Involving VEDS* Follow-Up (But Leading to Skill Development) | | | Involving VEDS* Follow-Up For Skill Development Grades 11 & 12 | Total |
|-----------------------------------|---|-------------------|---------|---|---------|
| | Below Grade 11 | Grades 11 & 12 | Total | | |
| 01. Agriculture | 13,850 | 915 | 14,765 | 9,165 | 23,930 |
| 04. Distribution Marketing | 1,271 | 1,200 | 2,471 | 10,895 | 13,366 |
| 07. Health | 1,415 | 260 | 1,675 | 4,993 | 6,668 |
| 09.01 Consumer/Homemaking | - | - | - | - | 52,925 |
| 09.02 Occupational Home Economics | 274 | - | 274 | 4,960 | 5,234 |
| 14.0 Business/Office | 750 | 195 | 945 | 10,494 | 11,439 |
| 17.0 Trade and Industrial | 18,250 | 1,959 | 20,209 | 30,951 | 51,160 |
| 99.0 Prevocational | 100,500 | - | 100,500 | - | 100,500 |
| 99.04 Industrial Arts | 13,900 | 2,000 | 15,900 | - | 15,900 |
| TOTAL | 150,210 | 6,529 | 156,739 | 71,458 | 281,122 |

* Vocational Education Data System

SUMMARY OF PROJECTED VOCATIONAL EDUCATION ENROLLMENT
SECONDARY, POSTSECONDARY AND ADULT

TABLE: 16

FY 1981

| | Secondary | Post Secondary | Adult |
|---|-----------|-------------------|----------|
| 01 Agriculture | 24,221 | 2,315 | 3,705 |
| 04 Distributive | 12,576 | 3,200 | 26,015 |
| 07 Health | 6,612 | 5,980 | 54,858 |
| 09.01 Consumer/Homemaking | 52,944 | - | 33,500 |
| 09.02 Home Economics | 5,194 | 2,565 | 15,660 |
| 14 Business and Office | 10,969 | 32,825 | 31,235 |
| 16 Technical | - | 16,215 | 9,050 |
| 17 Trade and Industrial | 51,079 | 2,555 | 94,850 |
| Subtotal | 163,595 | 65,655 | 268,788 |
| 99.01 Group Guidance (Prevocational) | 101,500 | - | - |
| 99.03 Remedial | | 3,100 | 800 |
| 99.04 Industrial Arts | 15,793 | - | - |
| Subtotal | 117,293 | 3,100 | 800 |
| Disadvantaged | [9,350] | [29,000] | - |
| Limited English Speaking | [60] | [1,400] | - |
| Handicapped | [3,900] | [5,500] | - |
| Work-Study | [1,000] | [125] | - |
| Coop | [22,000] | [925] | - |
| Support Services for Women | - | [100] | - |
| Day Care Services | - | [150] | - |
| Prom. for Homemakers/Heads of Household | - | [300] | - |
| Apprenticeship Related | - | - | [2,000] |
| Ambulance Attendant | - | - | [12,900] |
| Corrections | - | [600] | [3,000] |
| Human Resource Development | - | - | [4,450] |
| New and Expanding Industry | - | - | [3,450] |
| Special Programs for the Disadvantaged | [900] | - | [2,000] |
| Subtotal | [37,210]* | - | - |
| GRAND TOTAL | 280,888 | - | 269,588 |

*[] Indicates Duplicate Count - Non-Add

SUMMARY OF PROJECTED VOCATIONAL EDUCATION ENROLLMENT
SECONDARY, POSTSECONDARY AND ADULT

TABLE: 16

FY 1982

| | Secondary | Post Secondary | Adult |
|---|-----------|-------------------|----------|
| 01 Agriculture | 23,930 | 2,140 | 3,535 |
| 04 Distributive | 13,366 | 3,170 | 25,825 |
| 07 Health | 6,668 | 5,950 | 54,725 |
| 09.01 Consumer/Homemaking | 52,925 | - | 33,500 |
| 09.02 Home Economics | 5,234 | 2,590 | 15,665 |
| 14 Business and Office | 11,439 | 32,750 | 31,310 |
| 16 Technical | - | 16,035 | 9,115 |
| 17 Trade and Industrial | 51,160 | 2,520 | 94,740 |
| Subtotal | 164,722 | 65,155 | 268,415 |
| 99.01 Group Guidance (Prevocational) | 100,500 | - | - |
| 99.03 Remedial | - | 3,100 | 800 |
| 99.04 Industrial Arts | 15,900 | - | - |
| Subtotal | 116,400 | 3,100 | 800 |
| Disadvantaged | [9,350] | [29,000] | - |
| Limited English Speaking | [60] | [1,400] | - |
| Handicapped | [3,900] | [5,500] | - |
| Work-Study | [1,000] | [125] | - |
| Coop | [22,100] | [925] | - |
| Support Services for Women | - | [100] | - |
| Day Care Services | - | [150] | - |
| Prgm. for Homemakers/Heads of Household | - | [300] | - |
| Apprenticeship Related | - | - | [2,000] |
| Ambulance Attendant | - | - | [12,750] |
| Corrections | - | [600] | [3,000] |
| Human Resource Development | - | - | [4,450] |
| New and Expanding Industry | - | - | [3,450] |
| Special Programs for the Disadvantaged | [900] | - | [2,000] |
| Subtotal | [37,310]* | - | - |
| GRAND TOTAL | 281,122 | 68,255 | 269,215 |

*[] Indicates Duplicate Count - Non-Add

TABLE: 17
 LEVEL: Secondary
 CHANGES IN PROJECTED ENROLLMENT AND FUNDING
 TO MEET EMPLOYMENT NEEDS
 FY 1981

| OE CODE | INSTRUCTIONAL PROGRAM AREA | PROJECTED ENROLLMENT | | | ESTIMATED FUNDING | | | | | |
|------------|----------------------------------|----------------------|-------------------|-------------------|-------------------|-----------|------------|-------------|------------|-------------|
| | | 5 yr. Plan-81 | Annual Plan-81 | + - Difference | Federal | | | State/Local | | |
| | | | | | 5 yr. 81 | Annual 81 | Difference | 5 yr. 81 | Annual 81 | Difference |
| 01. | Agriculture | 28,327 | 24,221 | - 4,106 | - | 122,619 | + 122,619 | 6,830,451 | 10,590,633 | + 3,760,182 |
| 04. | Distribution and Marketing | 12,615 | 12,576 | - 39 | 621,391 | 909,554 | + 288,163 | 3,334,368 | 5,498,857 | + 2,164,489 |
| 07 | Health Occupations | 5,925 | 6,612 | + 687 | 11,197 | - | - 11,197 | 1,614,492 | 2,891,096 | + 1,276,604 |
| 09.02 | Occupational Home Economics | 5,085 | 5,194 | + 109 | 264,097 | 414,164 | + 150,067 | 1,259,716 | 2,271,077 | + 1,011,361 |
| 14. | Business and Office Education | 6,907 | 10,969 | + 4,062 | 392,678 | 865,233 | + 472,555 | 3,536,799 | 4,796,195 | + 1,259,396 |
| 16. | Technical | | | | | | | | | |
| 17. | Trade and Industries | 56,934 | 51,079 | - 5,855 | 3,487,123 | 2,957,269 | - 529,854 | 16,184,950 | 22,334,941 | + 6,149,991 |
| | Total | 115,793 | 110,651 | - 5,142 | 4,776,486 | 5,268,839 | + 492,353 | 32,760,776 | 48,382,799 | +15,622,023 |

LEVEL: Secondary

| | | | | | | | | | | |
|-------|------------|-----------|-----------|-----|-----------|-----------|----------|------------|------------|-------------|
| 09.01 | Homemaking | 1/ 91,905 | 2/ 52,944 | N/A | 1,252,495 | 1,263,569 | + 11,164 | 13,069,909 | 10,107,696 | - 2,962,213 |
|-------|------------|-----------|-----------|-----|-----------|-----------|----------|------------|------------|-------------|

1/ Duplicate count in 5 Year Plan.

2/ Unduplicated count in Annual Plan.

TABLE: 17
 CHANGES IN PROJECTED ENROLLMENT AND FUNDING
 TO MEET EMPLOYMENT NEEDS - FY 1981

LEVEL: POST-SECONDARY

| OE CODE | INSTRUCTIONAL PROGRAM AREA | PROJECTED ENROLLMENT | | | ESTIMATED FUNDING | | | | | |
|------------|----------------------------------|----------------------|-------------------|-------------------|-------------------|-----------|------------|---------------|------------|--------------|
| | | 5 Yr. Plan-81 | Annual Plan-81 | + - Difference | Federal | | | State + Local | | |
| | | | | | 5 Yr.-81 | Annual-81 | Difference | 5 Yr.-81 | Annual-81 | Difference |
| 01. | Agriculture | 4,458 | 2,315 | - 2,143 | 73,405 | 21,965 | - 51,440 | 2,905,828 | 1,961,313 | - 944,515 |
| 04. | Distribution and Marketing | 2,935 | 3,200 | + 265 | 39,683 | 25,345 | - 14,338 | 1,913,101 | 2,711,102 | + 798,001 |
| 07. | Health Occupations | 6,310 | 5,980 | - 330 | 768,457 | 601,516 | - 166,941 | 6,378,092 | 5,066,371 | - 1,311,721 |
| 09.02 | Occupational Home Economics | 3,075 | 2,565 | - 510 | 61,766 | 57,448 | - 4,318 | 1,352,533 | 2,173,117 | + 820,584 |
| 14. | Business and Office Education | 28,875 | 32,825 | + 3,950 | 612,429 | 648,826 | + 36,397 | 18,821,400 | 27,809,975 | - 8,988,575 |
| 16. | Technical | 14,445 | 16,215 | + 1,770 | 237,334 | 293,999 | + 26,665 | 9,415,589 | 13,737,661 | + 4,322,072 |
| 17. | Trades and Industries | 6,165 | 2,555 | - 3,610 | 128,259 | 32,103 | - 96,156 | 4,018,490 | 2,164,850 | - 1,853,640 |
| | Total | 66,263 | 65,655 | - 608 | 1,684,447 | 1,681,202 | - 3,245 | 42,539,947 | 55,624,390 | + 13,084,443 |

| | | | | | | | | | | |
|-------|----------------------------|---|---|---|---|---|---|---|---|---|
| 09.01 | Consumer and Homemaking | - | - | - | - | - | - | - | - | - |
|-------|----------------------------|---|---|---|---|---|---|---|---|---|

TABLE: 17

CHANGES IN PROJECTED ENROLLMENT AND FUNDING
TO MEET EMPLOYMENT NEEDS - FY 1981

LEVEL: ADULT

| OE CODE | INSTRUCTIONAL PROGRAM AREA | PROJECTED ENROLLMENT | | | ESTIMATED FUNDING | | | | |
|------------|----------------------------------|----------------------|-------------------|-------------------|-------------------|-----------|------------|---------------|------------|
| | | 5 Yr. Plan-81 | Annual Plan-81 | + - Difference | Federal | | Difference | State + Local | |
| | | | | | 5 Yr.-81 | Annual-81 | | 5 Yr.-81 | Annual-81 |
| 01. | Agriculture | 3,340 | 3,705 | + 365 | -- | 23,310 | + 23,310 | 201,047 | 481,383 |
| 04. | Distribution and Marketing | 27,725 | 26,015 | - 1,710 | -- | -- | -- | 1,243,793 | 2,519,332 |
| 07. | Health Occupations | 34,200 | 54,858 | + 20,658 | 236,886 | 372,966 | + 136,080 | 4,109,021 | 7,886,640 |
| 09.02 | Occupational Home Economics | 19,575 | 15,660 | - 3,915 | -- | 17,826 | + 17,826 | 1,174,777 | 2,232,885 |
| 14. | Business and Office Education | 25,075 | 31,235 | + 6,160 | -- | 8,227 | + 8,227 | 1,504,855 | 2,988,184 |
| 16. | Technical | 4,560 | 9,050 | + 4,490 | 442 | -- | - 442 | 273,665 | 847,512 |
| 17. | Trades and Industries | 113,250 | 94,850 | - 18,400 | 500,315 | 948,871 | + 448,556 | 16,076,173 | 23,877,492 |
| | Total | 227,725 | 235,288 | + 7,563 | 737,643 | 1,371,200 | + 633,557 | 24,583,331 | 40,833,553 |

LEVEL: ADULT

| | | | | | | | | | |
|-------|----------------------------|--------|--------|----------|----|----|----|---------|-------------|
| 09.01 | Consumer and Homemaking | 45,400 | 33,500 | - 11,900 | -- | -- | -- | 344,811 | 1,607,600 |
| | | | | | | | | | + 1,262,789 |

TABLE: 17

LEVEL: Secondary

CHANGES IN PROJECTED ENROLLMENT AND FUNDING
TO MEET EMPLOYMENT NEEDS
FY 1982

| OE CODE | INSTRUCTIONAL PROGRAM AREA | PROJECTED ENROLLMENT | | | ESTIMATED FUNDING | | | | | |
|------------|-------------------------------|----------------------|-------------------|-------------------|-------------------|-----------|------------|-------------|------------|-------------|
| | | 5 Yr. Plan-82 | Annual Plan-82 | + - Difference | Federal | | | State/Local | | |
| | | | | | 5 Yr. 82 | Annual 82 | Difference | 5 Yr. 82 | Annual 82 | Difference |
| 01. | Agriculture | 27,079 | 23,930 | - 3,149 | - | 118,309 | + 118,309 | 6,898,597 | 10,563,180 | + 3,664,583 |
| 04. | Distribution and Marketing | 12,742 | 13,366 | + 624 | 604,722 | 924,005 | + 319,283 | 3,346,288 | 5,903,018 | + 2,553,730 |
| 07. | Health Occupations | 5,984 | 6,668 | + 684 | 11,047 | - | - 11,047 | 1,630,831 | 2,943,390 | + 1,312,559 |
| 09.02 | Occupational Home Economics | 5,136 | 5,234 | + 98 | 260,648 | 420,657 | + 160,009 | 1,278,369 | 2,310,392 | + 1,032,023 |
| 14. | Business & Office Education | 6,858 | 11,439 | + 4,581 | 387,557 | 879,818 | + 492,261 | 3,581,272 | 5,049,405 | + 1,468,133 |
| 16. | Technical | - | - | - | - | - | - | - | - | - |
| 17. | Trades and Industries | 56,205 | 51,160 | - 5,045 | 3,560,277 | 2,902,578 | - 657,699 | 16,309,254 | 22,584,070 | + 6,274,816 |
| | Total | 114,004 | 111,797 | - 2,207 | 4,824,251 | 5,245,367 | + 421,116 | 33,044,611 | 49,350,455 | +16,305,844 |

LEVEL: Secondary

| | | | | | | | | | | |
|-------|-------------------------|--------------|--------------|-----|-----------|-----------|---------|------------|------------|-------------|
| 09.01 | Consumer and Homemaking | 1/ 90,995 | 2/ 52,925 | N/A | 1,264,929 | 1,263,569 | - 1,360 | 15,748,573 | 10,309,850 | - 5,438,723 |
|-------|-------------------------|--------------|--------------|-----|-----------|-----------|---------|------------|------------|-------------|

1/ Duplicate count in 5 Year Plan.

2/ Unduplicated count in 1982 Annual Plan

TABLE: 17
LEVEL: POST-SECONDARY

CHANGES IN PROJECTED ENROLLMENT AND FUNDING
TO MEET EMPLOYMENT NEEDS - FY 1982

| OE CODE | INSTRUCTIONAL PROGRAM AREA | PROJECTED ENROLLMENT | | | ESTIMATED FUNDING | | | | | |
|------------|----------------------------------|----------------------|-------------------|-------------------|-------------------|-----------|------------|---------------|------------|--------------|
| | | 5 Yr. Plan-81 | Annual Plan-81 | + - Difference | Federal | | | State + Local | | |
| | | | | | 5 Yr.-81 | Annual-81 | Difference | 5 Yr.-81 | Annual-81 | Difference |
| 01. | Agriculture | 4,425 | 2,140 | - 2,285 | 76,708 | 21,965 | - 54,743 | 3,020,731 | 1,918,621 | - 1,102,110 |
| 04. | Distribution and Marketing | 2,985 | 3,170 | + 185 | 41,469 | 25,345 | - 16,124 | 2,019,462 | 2,826,693 | + 807,231 |
| 07. | Health Occupations | 6,355 | 5,950 | - 405 | 555,492 | 601,516 | + 46,024 | 4,299,392 | 5,334,481 | + 1,035,089 |
| 09.02 | Occupational Home Economics | 2,075 | 2,590 | + 515 | 64,546 | 57,448 | - 7,098 | 1,403,814 | 2,322,068 | + 918,254 |
| 14. | Business and Office Education | 28,625 | 32,750 | + 4,125 | 639,988 | 648,826 | + 8,838 | 19,535,007 | 29,272,062 | + 9,737,055 |
| 16. | Technical | 14,445 | 16,035 | + 1,590 | 248,014 | 293,999 | + 45,985 | 9,772,598 | 14,376,203 | + 4,603,625 |
| 17. | Trades and Industries | 6,100 | 2,520 | - 3,580 | 134,030 | 32,103 | - 101,927 | 4,228,348 | 2,259,311 | - 1,969,037 |
| | Total | 65,010 | 65,155 | + 145 | 1,760,247 | 1,681,202 | - 79,045 | 44,279,332 | 58,309,440 | + 14,030,108 |

| | | | | | | | | | |
|-------|----------------------------|-------|---|---|---|---|---|---|---|
| 09.01 | Consumer and Homemaking | (N/A) | - | - | - | - | - | - | - |
|-------|----------------------------|-------|---|---|---|---|---|---|---|

TABLE: 17

LEVEL: ADULT

CHANGES IN PROJECTED ENROLLMENT AND FUNDING
TO MEET EMPLOYMENT NEEDS - FY 1982

| OE CODE | INSTRUCTIONAL PROGRAM AREA | PROJECTED ENROLLMENT | | | ESTIMATED FUNDING | | | | |
|------------|----------------------------------|----------------------|-------------------|-------------------|-------------------|-----------|---------------|------------|--------------|
| | | 5 Yr. Plan-82 | Annual Plan-82 | + - Difference | Federal | | State + Local | | Difference |
| | | | | | 5 Yr.-82 | Annual-82 | 5 Yr.-82 | Annual-82 | |
| 01. | Agriculture | 2,890 | 3,535 | + 645 | -- | 23,310 | 211,125 | 494,839 | + 283,714 |
| 04. | Distribution and Marketing | 20,925 | 25,825 | + 4,900 | -- | -- | 1,303,185 | 2,637,881 | + 1,334,696 |
| 07. | Health Occupations | 34,300 | 54,725 | + 20,425 | 247,546 | 372,966 | 4,286,068 | 8,251,906 | + 3,965,838 |
| 09.02 | Occupational Home Economics | 19,600 | 15,665 | - 3,935 | -- | 17,826 | 1,220,663 | 2,282,862 | + 1,062,199 |
| 14. | Business and Office Education | 25,000 | 31,310 | + 6,310 | -- | 8,227 | 1,566,311 | 3,129,215 | + 1,562,904 |
| 16. | Technical | 4,645 | 9,115 | + 4,470 | 462 | -- | 289,285 | 907,482 | + 618,197 |
| 17. | Trades and Industries | 109,780 | 94,740 | - 15,040 | 522,830 | 948,871 | 21,164,580 | 25,195,918 | + 4,031,338 |
| | Total | 217,140 | 234,915 | + 17,775 | 770,838 | 1,371,200 | 30,041,217 | 42,900,103 | + 12,858,886 |

LEVEL: ADULT

| | | | | | | | | | |
|-------|----------------------------|--------|--------|----------|----|----|---------|-----------|-------------|
| 09.01 | Consumer and Homemaking | 45,450 | 33,500 | - 11,950 | -- | -- | 360,327 | 1,659,000 | + 1,298,673 |
|-------|----------------------------|--------|--------|----------|----|----|---------|-----------|-------------|

ANALYSIS OF CHANGES IN ENROLLMENT AND FUNDING FY 1981
TO MEET EMPLOYMENT NEEDS (SECONDARY)

Table 17 provides a comparison of projected enrollment and funding, as estimated in the 1981 year of the Five Year Plan, with updated projections and estimates for the 1981 year of the 1981-1982 Plan.

The following analysis is made of the changes in both projected secondary enrollments and estimated funding for the 1981 Plan.

Agriculture 01.

Agriculture at the secondary level projects for 1981 an enrollment of 24,221, which is a decrease of 4,106 from original projections of 28,327 in the Five Year Plan. The revision downward represents a trend in employment and enrollment trends as reflected in local plans.

Since the Five Year Plan was developed, additional emphasis has been placed on curriculum, placement, and follow-up activities. These activities, in addition to others, have resulted in an improved record of placement of successful completions to the degree that expenditure of federal vocational funds for these programs are warranted.

Distribution and Marketing 04.

A slight decrease in projected enrollment from 12,615 in the Five Year Plan to 12,576 is projected for 1981. This difference is based on enrollment trends and projected decline in total high school enrollment.

Increased costs for salary and related items mandate an increase in overall expenditures for 1981. This comes about even as enrollment remains basically stable.

Health Occupations 07.

The Five Year Plan projected 5,925 students while an enrollment of 6,612 is projected for 1981, representing 687 increase. Secondary Health Occupations Education provides basic entry level skill activities for employment and for those students who wish to continue in advanced training for specialized occupations in the allied health field.

Secondary Health Occupations Education is funded with state and local funds as reflected in projections for 1981. Due to increased costs for salaries, related items and small increase in enrollment, \$1,276,604 additional is estimated for FY 1981 over the amount shown in Five Year Plan.

Occupational Home Economics 09.02

An enrollment of 5,194 is projected for FY 1981, which is an increase of 109 from the Five Year Plan. This number reflects the slow but continuing increase in Occupational Home Economics as programs are converted from Consumer and Homemaking. The increases in funding from Federal, State and local sources reflect added enrollment, salary and other costs.

Business and Office Education 14.00

This program area has grown more rapidly than the enrollment projected in the Five Year Plan. This has been due to increased enrollment planned and reported from local units. Enrollments reflect those funded from vocational funds, although there is a total of approximately 138,000 students enrolled in business courses which are funded from regular state funds and/or vocational funds. Those students enrolled in programs funded entirely from state regular ADM funds are not included in Business and Office enrollments.

An estimated increase of \$1,731,951 in Federal, State and local funds will be spent for Business and Office programs for 1981.

Trade and Industrial Education 17.00

Enrollment for Trade and Industrial Education was overprojected in the Five Year Plan by 5,855 as compared to 1981 projections. This is due to a more realistic assessment of local program offerings as revealed in local planning and reporting. Enrollment in some programs within trades and industries were overprojected in the Five Year Plan. Students did not enroll in some programs, especially the traditional low wage type of employment.

Consumer and Homemaking Education 09.01

The Five Year Plan projected 91,905 students on a duplicate correct basis and by individual course enrollment in the Five Year Plan. The 1979-1980 and FY 1981 Plans show a conversion of enrollment to an unduplicated basis, or a total of 52,944 for 1981. This more nearly relates to program enrollment in other areas.

Adjustments in Federal, State and local funding are shown for FY 1981 in Table 17.

ANALYSIS OF CHANGES IN POST-SECONDARY ENROLLMENT
AND FUNDING TO MEET EMPLOYMENT NEEDS
FY 1981

The following analysis has been done comparing the projections for FY 1981 in the Five-Year State Plan and the projections for FY 1981 in the Annual Plan.

Enrollment

The projected total enrollment has been adjusted downward by 608 based upon data that was included in local applications from each institution; and enrollment data reported during 1978-79. The projected enrollment data reported in the five-year plan has been adjusted. Vocational enrollment (long-term adult) had been reported on the post-secondary line. This enrollment has been deducted from post-secondary and included in the adult data.

Funding

The proposed level of federal funding for post-secondary and adult has been increased because the anticipated appropriation from Congress is expected to be increased.

An increase in state and local funding has been projected.

Agriculture

A decline for agriculture enrollments is projected. The largest decline was in Agricultural Production as a result of a decline in the veterans cooperative farm program, which is included in this category. Enrollment of veterans is declining in most programs.

A decline in the amount of federal funds for agriculture programs has been projected in the local applications.

The decline in enrollment has kept the state and local funding from increasing as rapidly as was projected in the five-year plan.

Distribution and Marketing

An increase in enrollment is projected for distribution and marketing programs. The larger increases are projected in Finance and Credit, Food Services, Real Estate, and Retail Trade Programs.

A decrease in federal funding for this group of programs has been projected by the institutions. A larger increase is projected from state and local funds because of increased projected enrollment and increased costs.

Health Occupations

A small decline in enrollment is projected when compared with the five-year plan projection. Adult enrollments, which include vocational programs, have been increased.

A decline in funding is projected, but an increase in funding for adult programs is projected because of the projected increased enrollment.

Home Economics

A decline in enrollment is projected because of the realignment of vocational enrollment with the adult enrollment.

A small decline in Federal funding is projected, but an increase in state and local funding is projected.

Business and Office

An increase in enrollments is projected for business and office programs. The largest increase is projected for Computer and Console Operators; Programmers, Filing, Office Machines, and Clerical; Steno and Secretarial; and Supervisory, Administration, and Management.

An increase is projected in funding because of the increased enrollment and costs.

Technical

An increase in enrollments is projected in technical programs. The largest enrollment increases are projected in Civil, Electrical, Electronic Technologies; Mechanical Technology; and Police Science.

An increase in the use of federal funds is projected, and an increase in state and local funds is projected for programs in this area because of the increased enrollments and costs.

Trade and Industrial

The decline in projected enrollment has occurred because of the realignment of vocational enrollments with the adult enrollment.

A corresponding decline in funding is projected, but an increase in funding occurs for the adult enrollment.

ANALYSIS OF CHANGES IN POST-SECONDARY ENROLLMENT
AND FUNDING TO MEET EMPLOYMENT NEEDS
FY 1982

The following analysis has been done comparing the projections for FY 1982 in the Five-Year State Plan and the projections for FY 1982 in the Annual Plan.

Enrollment

The projected total enrollment has been increased by 145. A realignment of enrollment between the program areas has been projected. The projected enrollment data reported in the five-year plan has been adjusted.

Funding

The proposed level of federal funding for post-secondary and adult is the same level as projected for FY 1981. An increased level of funding has been projected from state and local funds.

Agriculture

A decline for agriculture enrollments is projected. The largest decline was in Agricultural Production as a result of a decline in the veterans cooperative farm program, which is included in this category. Enrollment of veterans is declining in most programs.

Federal funding is projected at the same level as FY 1981. Because of reduced enrollments, this is less than what was projected in the five-year plan. State and local funding is projected to be less because of reduced enrollments.

Distribution and Marketing

A small increase in enrollment is projected for distribution and marketing programs.

Federal funding is projected at the same level as FY 1981. This is less than what was projected in the five-year plan. An increase in state and local funding is projected.

Health Occupations

A small decrease in enrollments is projected. The adult enrollment, which includes the vocational programs, has been increased.

Federal funding is projected at the same level as FY 1981. It is higher than what was projected in the five-year plan. An increase in state and local funding is projected.

Home Economics

An increase in enrollment is projected for home economics programs. The largest increase is projected for programs which train for Care and Guidance of Children.

Federal funds are projected at the same level as FY 1981. This level is smaller than what was projected in the five-year plan. An increase in state and local funds is projected.

Business and Office

An increase in enrollments is projected for business and office programs. The largest projected increase is projected for Computer and Console Operators; Programmers, Filing, Office Machines, and Clerical; Steno and Secretarial; and Supervisory, Administration, and Management.

Federal funds are projected at the same level as FY 1981. This level is larger than what was projected in the five-year plan. An increase of state and local funds is projected.

Technical

An increase in enrollments is projected in technical programs. The largest enrollment increases are projected in Civil, Electronic Technologies; Mechanical Technology; and Police Science.

Federal funds are projected at the same level as FY 1981. This level is larger than what was projected in the five-year plan. An increase of state and local funds is projected.

Trade and Industrial

The decline in projected enrollment has occurred because of the realignment of vocational enrollments with the adult enrollment.

A corresponding decline in funding is projected, but an increase in funding occurs for the adult enrollment.

ANALYSIS OF CHANGES IN ADULT ENROLLMENT
AND FUNDING TO MEET EMPLOYMENT NEEDS
FY 1982

The following analysis has been done comparing the projections for FY 1982 in the Five-Year State Plan and the projections for FY 1982 in the Annual Plan.

Enrollment

An increase in enrollment is projected, due in part to the realignment of vocational program enrollment, previously projected with post-secondary enrollment. Approximately 29,370 of the projected adult enrollment of 234,915 is expected to be vocational program enrollment. Of the remaining 205,545 enrolled, approximately 75 percent will be enrolled for supplemental or up-grading training. It is projected that the vocational enrollment will remain relatively constant. The large decline in projected enrollments in Trade and Industrial has occurred in Foremanship/Management Development, Firemanship, Law Enforcement, and the building trades.

Funding

The increase in federal, state, and local funding reflects the addition of vocational enrollments to the adult category. Additional state and local funds are projected to compensate for increased costs.

ESTIMATED FUNDING BY PURPOSE FY 1981

TABLE 18

| P R O G R A M / S E R V I C E | S E C O N D A R Y | | | P O S T S E C O N D A R Y | | | A D U L T | | | T O T A L | | |
|---|-------------------|-------------|-------------|---------------------------|-------------|-------|-----------|-------|-------|-------------|-------------|-------------|
| | FEDERAL | STATE | LOCAL | FEDERAL | STATE | LOCAL | FEDERAL | STATE | LOCAL | FEDERAL | STATE | LOCAL |
| DISADVANTAGED | | | | | | | | | | | | |
| Limited English Speaking | 2,692,993 | 1,077,197 | 1,615,796 | \$1,341,447 | \$1,341,447 | - | | | | \$4,034,440 | \$2,418,644 | \$1,615,796 |
| | 808 | 323 | 485 | 5,252 | 5,252 | - | | | | 6,060 | 5,575 | 435 |
| HANDICAPPED | | | | | | | | | | | | |
| | 1,346,901 | 538,760 | 808,141 | 673,349 | 673,349 | - | | | | 2,020,250 | 1,212,109 | 808,141 |
| SUBPART 2 (Section 120) SUBTOTAL | 6,734,503 | 39,251,004 | 17,203,267 | | | | | | | | | |
| A. Vocational Education | 5,268,839 | 34,110,885 | 15,271,914 | | | | | | | | | |
| B. Work-Study | 400,000 | - | 171,429 | | | | | | | | | |
| C. Cooperative Education | - | [5,954,580] | [2,551,963] | | | | | | | | | |
| D. Energy Education | | | | | | | | | | | | |
| E. Construction | 750,000 | - | 750,000 | | | | | | | | | |
| F. Sex Bias Office Personnel | 40,000 | - | - | | | | | | | | | |
| I. Industrial Arts | - | 1,104,214 | 490,409 | | | | | | | | | |
| J. Support Services for Women | | | | | | | | | | | | |
| K. Day Care Services | | | | | | | | | | | | |
| L. Programs/Homemakers, Head-Home. | | | | | | | | | | | | |
| 102 a Administration | 275,664 | 2,657,192 | - | | | | | | | | | |
| Local | - | 1,378,713 | 519,515 | | | | | | | | | |
| SUBPART 3 (Section 130) SUBTOTAL | 2,693,801 | 520,164 | 938,957 | | | | | | | | | |
| 1. Research | 235,169 | 40,895 | - | | | | | | | | | |
| 2. Exemplary | 100,000 | - | - | | | | | | | | | |
| 3. Curriculum Development | 200,000 | - | - | | | | | | | | | |
| 4. Guidance and Counseling | 1,711,632 | 479,269 | 938,957 | | | | | | | | | |
| 5. Preservice and Inservice Training | 447,000 | - | - | | | | | | | | | |
| 6. Grants (Overcome Sex Bias) | - | - | - | | | | | | | | | |
| 102 a Administration | | | | | | | | | | | | |
| State | | | | | | | | | | | | |
| Local | | | | | | | | | | | | |
| SUBPART 4 (Section 140) Special Program for Disadvantaged | | | | | | | | | | | | |
| | 387,347 | - | 11,084 | | | | | | | | | |
| SUBPART 5 (Section 150) Consumer/Homemaking | | | | | | | | | | | | |
| Ancillary Services | | | | | | | | | | | | |
| Program Instruction | 117,879 | 688,060 | 372,854 | | | | | | | | | |
| Depressed Areas | 1,145,690 | 6,307,436 | 2,739,346 | | | | | | | | | |
| SUBPART 1 (Section 102a) | | | | | | | | | | | | |
| | 96,837 | - | - | | | | | | | | | |
| TOTAL | 15,216,759 | 48,382,944 | 23,689,930 | | | | | | | | | |

* Includes \$300,988 New Programs - Climate Control

TABLE: 19

LEVEL: Secondary

ACTIVITIES, ESTIMATED BUDGET, AND BENEFITS BY PURPOSE - FY 1981

| ACTIVITIES | 1981 ESTIMATED TOTAL FUNDS | BENEFITS |
|---|---|--|
| <p>DISADVANTAGED (Subpart 2)</p> <p>Funds appropriated under the basic grant for vocational education for the disadvantaged shall be used to pay up to 50% of the "excess cost" to extend, improve and, where necessary maintain existing classroom, shop, laboratory, or field instruction in public secondary vocational education programs.</p> <ol style="list-style-type: none"> 1. Provide learning experiences and special services for disadvantaged youth to enable them to further pursue vocational education or to achieve entry level employment. 2. Provide state level leadership and state/federal resources to local units to serve disadvantaged students. 3. Diagnostic procedures will be developed by each LEA for appropriate screening and identification of disadvantaged students, mainstreaming where possible and establishing special programs where necessary. 4. Provide in-service activities for teachers of disadvantaged and special materials for instruction. 5. Render those necessary support services over and above those needed by regular students. 6. Identify dropouts and potential dropouts among disadvantaged students and provide alternative opportunities to enable them to succeed in regular programs or obtain employment. 7. Provide programs for limited English speaking students. | <p>SUBTOTAL</p> <p>\$ 5,385,446</p> | <ol style="list-style-type: none"> 1. Approximately 9,350 disadvantaged students in grades 7-12 will have benefited from special programs, services, and activities to enable them to succeed in vocational education. 2. Improvement in programs, instruction, and services will result from state leadership, services, and allotted funds. 3. Students will be identified and placed where they can benefit most from instruction and services. Special services and activities such as special learning aids, teaching aids, tutors, and additional time from regular teachers, will be provided beyond the regular classroom instruction. Special classes, with modified curriculum and teaching methods, will be provided for the severely disadvantaged who cannot be mainstreamed. 4. Teachers and disadvantaged students will benefit from special in-service programs for teachers and special teaching aids to more adequately serve the students. In-service for teachers may be provided from several sources of funds. 5. Support services may be in the form of special diagnostic and evaluative services, special tutors, teacher aids, counseling, and adapted teaching materials. 6. Optional or extended day programs will be provided where needed to serve disadvantaged students. 7. Special services such as tutoring and providing special learning aids will assist these students to learn English as a second language, which will enable them to be more successful in vocational programs. |
| <p>HANDICAPPED (Subpart 2)</p> <p>Provide statewide leadership and federal/state/local resources to provide learning experiences in vocational education for handicapped students according to their special needs and abilities through 145 Local Education Agencies.</p> | <p>SUBTOTAL</p> <p>\$ 2,693,802</p> | <ol style="list-style-type: none"> 1. Handicapped students will be identified by criteria and provided with special vocational education programs and services. 2. Approximately 3,900 students will receive special vocational education and services. 3. Students will be made employable to the extent of their abilities through special programs. |
| <p>SUBPART 2 (Section 120) Vocational Education</p> <p>To maintain, extend and improve programs of vocational education, and develop new programs of vocational education through 145 Local Education Agencies in the state.</p> | <p>SUBTOTAL</p> <p>\$ 62,188,774 \$ 53,651,638</p> | <ol style="list-style-type: none"> 1. Approximately 281,000 students in grades 7-12 will receive vocational education through cooperative use of federal, state, and local funds. 2. Target groups receiving vocational education at secondary level will consist of: a. Prevocational, b. Vocational skill development, c. Disadvantaged, d. Handicapped, and e. Limited English-speaking students. |

| TABLE: 19 LEVEL: Secondary | ACTIVITIES, ESTIMATED BUDGET, AND BENEFITS BY PURPOSE - FY 1981 | | |
|-------------------------------|--|-------------------------------|--|
| | ACTIVITIES | 1981 ESTIMATED TOTAL FUNDS | BENEFITS |
| | <u>Work Study</u> Work-study funds will be allocated to Local Education Agencies by criteria established in the State Plan. | \$ 571,429 | Approximately 1,000 disadvantaged vocational students per year will receive financial assistance through work-study, enabling them to remain in school. |
| | <u>Cooperative Education</u> 1. Cooperative Vocational Education will be conducted through program areas at skill development levels in 145 Local Education Agencies. 2. Cooperative Education programs will be funded with state and local funds and will be conducted by criteria established in the Five Year State Plan. | [\$ 8,506,543] | 1. Approximately 22,000 students per year will have opportunity to participate in cooperative education at skill development level through several program areas. 2. Students will have opportunity to experience specialized occupations with remuneration from part time employment. |
| | <u>Energy Education (N/A)</u> <u>Construction</u> Renovate existing vocational education facilities within local school systems and provide for construction of new facilities to better accommodate vocational curriculum offerings according to current projected local labor market needs. | \$ 1,500,000 | Curriculum offerings will be improved as a result of such construction in that several programs can be accommodated and construction will focus on multi-purpose facilities thereby increasing use of these facilities. |
| | <u>Sex Equity Personnel</u> 1. Continue full time person to eliminate sex bias and discrimination in vocational programs. 2. Maintain office to fulfill requirements of the Act as stated in the State Plan. | \$ 40,000 | 1. Full time person will provide leadership in vocational education opportunities to persons of both sexes. 2. Progress will be made toward eliminating sex bias and sex stereotyping from vocational programs. |
| | <u>Industrial Arts</u> Provide state level leadership and and state resources to Industrial Arts programs which comply with requirements of the Act. | \$ 1,594,623 | 1. Industrial Arts instructional programs will improve in quality through state leadership, in-service for teachers, curriculum development, and additional materials and equipment. 2. Approximately 13,000 Industrial Arts students per year will benefit from programs designed to assist them in making meaningful occupational choices and/or prepare them for entry into advanced trade and industrial or technical education programs. |
| | 102(a) ADMINISTRATION 1. State Administration Provide state staff for administration and supervision of Vocational Education. | \$ 2,932,856 | 1. Maintenance of state vocational education staff and activities to ensure direction and quality of programs within state. |

TABLE:

LEVEL: Secondary

ACTIVITIES, ESTIMATED BUDGET, AND BENEFITS BY PURPOSE - FY 1981

| ACTIVITIES | 1981 ESTIMATED TOTAL FUNDS | BENEFITS |
|---|-------------------------------|--|
| 2. Local Administration (a) Provide resources and consultant help to 145 Local Education Agencies for local administration, supervision, and evaluation of local programs. (b) State and local funds support a local director/planner for each Local Education Agency. | \$ 1,898,228 | 2. Local planning, administration and supervision will be coordinated at the local level to maintain, expand, and initiate new programs of vocational education which will be relevant to student and labor market needs. |
| SUBPART 3 (Section 130) | | |
| 1. Research | \$ 276,064 | 1. Program improvement will result from improved practices in research, evaluation, and the provision of information. |
| Continue the Program Improvement Unit (which includes the Research Coordinating Unit) which will provide state leadership in research and development, evaluation, and information collection and dissemination. Included will be activities to: | | |
| (a) Continue the development and implementation of the Vocational Education Statewide Evaluation System. | | (a) Planning and operation of programs will improve as a result of the provision of evaluative data. |
| (b) Evaluate and assist in refinement of an improved personnel development model. | | (b) Teachers will have greater opportunity to meet their in-service needs through an improved personnel development delivery system. |
| (c) Develop a model for the provision of exploratory vocational education. | | (c) Students will be provided a more comprehensive curricular offering through which they can explore vocational education and the world of work. |
| (d) Collect, analyze, and disseminate information concerning vocational enrollments, teacher-staff, and follow-up of completers and leavers. | | (d) State, federal, and local level administrators will have a way of drawing informed conclusions in planning, evaluating, and managing vocational education. |
| (e) Implementation of a vocational education statewide curriculum study to identify an expanded data base from which vocational offerings can be projected through June 30, 1990. | | (e) With an improved data base future vocational offerings can be determined within local school systems according to job needs determined not only by local market data base but consideration of trends in fields of medicine, transportation, production, construction, and business. |
| 2. Exemplary New vocational programs may be implemented on an exemplary basis in vocational education areas which are not currently being offered. Attention will be focused on offerings which would be inter-disciplinary among vocational areas and involving general education offerings. | \$ 100,000 | Program offerings would improve in that the base of competencies would be broadened thereby making graduate of programs more employable. |
| 3. Curriculum Development | \$ 200,000 | |
| (a) Provide state leadership and coordination for: <ul style="list-style-type: none"> - research on curriculum content, development, and evaluation procedures - determination and validation of exit competencies expected of students in vocational education - the articulation of effort by secondary and post-secondary personnel in the development and implementation of valid and sequentially-sound vocational curricula. | | (a) Content and competencies in curriculum will more nearly relate to present and future job needs. A greater percentage of completers should find employment with success. (b) Teachers will have access to current information for planning and managing the teaching/learning process. |

TABLE: 19

LEVEL: Secondary

ACTIVITIES, ESTIMATED BUDGET, AND BENEFITS BY PURPOSE - FY 1981

| ACTIVITIES | 1981 ESTIMATED TOTAL FUNDS | BENEFITS |
|--|-------------------------------|---|
| <ul style="list-style-type: none"> - the search, acquisition, and dissemination of curriculum information and materials - the in-service of teachers on curriculum development, implementation, and instructional methodology <p>(b) Provide for the acquisition and/or development of bias free curriculum materials including course guides, units of instruction, individualized materials for student use, modified materials for use by disadvantaged/handicapped students, and banks of student assessment measures per curriculum area.</p> <p>(c) Provide state leadership and coordination for the development and implementation of a competency-based student assessment component as part of the comprehensive evaluation system.</p> | | <p>(c) Students will have access to learning experiences and supplemental learning resources commensurate with their learning styles, needs, and level of development.</p> <p>(d) Local and state personnel will have access to formative and summative data on student achievement and program success for planning and reporting purposes.</p> <p>(e) Students exiting from the program will have access to a competency-based skill record of proficiency levels achieved through the instructional program.</p> <p>(f) Initial steps will have been taken to diminish duplicative curriculum efforts in-state and nationally.</p> |
| <p>4. <u>Guidance and Counseling</u></p> <p>(a) Provide state leadership through adequate staff for vocational guidance, counseling, and placement.</p> <p>(b) Provide resources and consultant services to Local Education Agencies.</p> | \$ 3,129,858 | <p>(a) A statewide system of vocational guidance, counseling, and placement will be maintained and expanded.</p> <p>(b) Vocational guidance funds will be allocated to Local Education Agencies to provide local staff to serve needs of students.</p> |
| <p>5. <u>Pre-service and In-service Training</u></p> <p>Continue the Personnel Development Unit which will provide state leadership for in-service and coordination of pre-service programs in vocational education.</p> <p>(a) Participate in the development of the North Carolina Quality Assurance program for all public school educators.</p> <p>(b) The framework for a Master Plan for Vocational Education Personnel Development will be completed.</p> <p>(c) Continue the development and implementation of the Vocational Education Personnel Development Training Process.</p> <p>(d) State directed in-service activities will give specific attention to program area needs with high priority going to such areas as Disadvantaged/Handicapped, Sex Equity, new and emerging occupational areas, and vocational administration.</p> <p>(e) Develop, adapt, and implement a model for the providing of in-service training of vocational personnel on a regional basis.</p> | \$ 447,000 | <p>Administration and quality of instruction will improve as a result of the direction and coordination.</p> <p>(a) The pre-service program for vocational personnel will be identified as a high priority need.</p> <p>(b) Both the pre-service and in-service programs for vocational education will have direction set.</p> <p>(c) Planning and operating of in-service activities will improve as a result of an organized training process.</p> <p>(d) Vocational education personnel will be given special training related to the respective program area and programs will show improvement in the areas of working with Disadvantaged and Handicapped, overcoming sex bias and sex stereotyping. Evidence will be seen in training personnel for new and emerging occupations and improved vocational administration.</p> <p>(e) Planning and operating of in-service training of vocational personnel on a regional basis will improve with emphasis on needs assessment, planning, implementation, and evaluation.</p> |

TABLE: 19

LEVEL: Secondary

ACTIVITIES, ESTIMATED BUDGET, AND BENEFITS BY PURPOSE - FY 1981

| ACTIVITIES | 1981 ESTIMATED TOTAL FUNDS | BENEFITS |
|--|---|---|
| 6. 102(a) Administration Provide for administration of Subpart 3 activities. <u>SUBPART 4 (Section 140)</u> SUBTOTAL | \$ 398,431 \$ 398,431 | Improve the quality of programs and activities under this subpart. |
| Special Program for Disadvantaged Provide state leadership and resources to qualified Local Education Agencies to serve needs of special disadvantaged. | \$ 398,431 | The most severely disadvantaged in areas of greatest need will receive specialized instruction and services to enable them to succeed in vocational education and become employable. |
| <u>SUBPART 5 (Section 150)</u> SUBTOTAL Consumer Homemaking Ancillary Services Educational Programs | \$ 11,371,265 \$ 1,178,793 | (a) Provide for approximately 900 Consumer/Homemaking teachers in 145 Local Education Agencies (b) Approximately 53,000 students will benefit from Consumer/ Homemaking Education |
| (a) Provide state leadership in administration and supervision and commit resources to Local Education Agencies for programs in Consumer and Homemaking Education. (b) Provide resources up to 90% of cost of programs in depressed areas (c) Programs will be responsive to needs of both male and female students, and will provide leadership in eliminating sex bias and stereotyping, and will be responsive to changing patterns of men and women in home and world of work. | \$ 10,192,472 \$ 96,837 \$ 96,837 | Both male and female students will have benefitted from instructional methods, curriculum, materials and activities which are designed to eliminate sex bias and stereotyping; and are responsive to changing roles of men and women in the home and the world of work. (a) Improvement in planning process and plans. (b) Improvement in evaluation and follow-up. |
| <u>SUBPART 1 (Section 102d)</u> SUBTOTAL Planning, evaluation and follow-up | \$ 96,837 \$ 96,837 | |
| GRAND TOTAL | \$ 87,289,633 | |

| TABLE: 19 LEVEL: Post-Secondary | ACTIVITIES, ESTIMATED BUDGET, AND BENEFITS BY PURPOSE - FY 1981 | ACTIVITIES | 1981 ESTIMATED TOTAL FUNDS | BENEFITS |
|------------------------------------|---|--|-------------------------------|---|
| | | <u>DISADVANTAGED AND LIMITED ENGLISH SPEAKING</u> Provide tutorial assistance, remedial education, skill development, consumer education, guidance, motivational training, job orientation and placement which will assist these target groups to succeed in vocational education. | \$ 2,693,398 | Provide instruction and program services which will assist 29,000 post-secondary and adult disadvantaged and 1400 limited English speaking individuals to succeed in vocational education and to develop employment skills. |
| | | <u>HANDICAPPED</u> Provide counseling, remedial education, tutorial assistance, reader services, interpreter services, work evaluation, skill training, consumer education, motivational training, job orientation and placement which will assist this group to succeed in vocational education. | 1,346,698 | Provide instruction and program services to assist 5,500 post-secondary and adult handicapped to succeed in vocational education and to develop employment skills. |
| | | <u>SUBPART 2</u> <u>Vocational Education</u> Provide vocational/technical programs of less than baccalaureate level. Expand, where possible, new and emerging occupational programs. | 59,940,085 | Vocational and technical education will be provided for 68,755 full- and part-time students so that they can qualify for employment or upgrade job skills. |
| | | <u>Work-Study</u> Provide work-study programs to assist selected individuals to continue their vocational programs. | 28,720 | Provide income to 125 students who work for a public or non-profit agency. |
| | | <u>Cooperative Education</u> Provide work experience related to program of study through cooperating businesses and industries. | [292,000] | Provide work experience through cooperating businesses and industries for 925 students. |
| | | <u>Energy Education</u> Provide vocational programs to train individuals to install and maintain solar energy equipment. | [2,100] | Incorporate training skills for energy education with air conditioning, heating and refrigeration curriculum. |
| | | <u>Construction</u> Expand facilities at two institutions: Bladen Technical College and Carteret Technical College. | 7,825,000 | Added space will be available to provide additional program options. |
| | | <u>Sex Equity Personnel</u> Full-time individual will assist in monitoring equal educational opportunity in vocational education and eliminating sex discrimination and sex stereotyping in vocational education programs. | 41,665 | Provide opportunity for prospective students to become informed of the wide variety of jobs and to thereby make a more informed selection of a vocational/technical program. |
| | | <u>Support Services for Women</u> Provide counseling, job development and job follow-up services for women seeking employment in non-traditional areas. | [11,785] | Assist 100 women to seek training and employment in non-traditional areas. |
| | | <u>Day Care Services</u> Provide day care services for children of vocational/technical students, while they are enrolled in vocational education programs. | [23,322] | Provide care for 150 young children so that a parent may participate in a vocational/technical education program. |

TABLE: 20

LEVEL: Secondary

CHANGES IN PROJECTED FUNDING BY PURPOSE
FY 1981

| PROGRAM / SERVICE | FEDERAL | | | STATE/LOCAL | | |
|---|------------|------------|-------------|-------------|-------------|--------------|
| | 5 Yr. Plan | FY 1981 | Difference | 5 Yr. Plan | FY 1981 | Difference |
| DISADVANTAGED | 1,976,927 | 2,692,723 | + 715,796 | 1,976,997 | 2,692,723 | + 715,726 |
| Limited English Speaking | [651] | 1,078 | + 1,078 | [651] | 1,078 | + 1,078 |
| HANDICAPPED | 988,464 | 1,346,901 | + 358,437 | 988,462 | 1,346,901 | + 358,439 |
| SUBPART 2 (Section 120) SUBTOTAL | 4,941,304 | 6,734,503 | + 1,793,199 | 37,865,263 | 56,454,271 | + 18,589,008 |
| A. Vocational Education | 4,776,486 | 5,268,839 | + 492,353 | 33,122,650 | 49,382,799 | + 16,260,149 |
| B. Work-Study | 131,483 | 400,000 | + 268,517 | 53,703 | 171,429 | + 117,726 |
| C. Cooperative Education | - | - | - | [7,757,717] | [8,506,543] | [748,826] |
| D. Energy Education | | | | | | |
| E. Construction | - | 750,000 | + 750,000 | - | 750,000 | + 750,000 |
| F. Sex Bias Office Personnel | 33,335 | 40,000 | + 6,665 | - | - | - |
| I. Industrial Arts | - | - | - | 1,164,612 | 1,594,623 | + 430,011 |
| J. Support Services for Women | | | | | | |
| K. Day Care Services | | | | | | |
| L. Programs/Homemakers, Head-House. | | | | | | |
| 102 a Administration State | - | 275,664 | + 275,664 | 2,192,825 | 2,657,192 | + 464,367 |
| Local | - | - | - | 1,331,473 | 1,898,228 | + 566,755 |
| SUBPART 3 (Section 130) SUBTOTAL | 1,976,925 | 2,693,801 | + 716,875 | 4,294,560 | 1,459,121 | - 2,835,439 |
| 1. Research | 182,933 | 235,169 | + 52,236 | 72,909 | 40,895 | - 32,014 |
| 2. Exemplary | - | 100,000 | + 100,000 | - | - | - |
| 3. Curriculum Development | - | 200,000 | + 200,000 | [250,000] | - | - [250,000] |
| 4. Guidance and Counseling | 1,768,235 | 1,711,632 | - 56,603 | 4,221,651 | 1,418,226 | - 2,803,425 |
| 5. Preservice and Inservice Training | 25,757 | 447,000 | + 421,243 | [120,000] | - | - [120,000] |
| 6. Grants (Overcome Sex Bias) | | | | | | |
| 102 a Administration State | | | | | | |
| Local | | | | | | |
| SUBPART 4 (Section 140) Special Program for Disadvantaged | 407,222 | 387,347 | - 19,875 | - | 11,084 | + 11,084 |
| SUBPART 5 (Section 150) Consumer/Homemaking Ancillary Services | | | | | | |
| Program Instruction | - | 117,879 | - | - | 1,060,914 | - |
| Depressed Areas | 1,252,405 | 1,145,690 | + 11,164 | 15,631,220 | 9,046,782 | - 5,523,524 |
| SUBPART 1 (Section 102d) | - | 96,837 | + 96,837 | - | - | - |
| TOTAL | 11,543,247 | 15,216,759 | + 3,673,512 | 60,756,502 | 72,072,874 | + 11,316,372 |

J = Non Add

TABLE: 20
LEVEL: POST-SECONDARY

CHANGES IN PROJECTED FUNDING BY PURPOSE
FY 1981

| P R O G R A M / S E R V I C E | F E D E R A L | | | S T A T E / L O C A L | | |
|--|---------------|-----------|------------|-----------------------|------------|-------------|
| | 5 Year Plan | FY 1981 | Difference | 5 Year Plan | FY 1981 | Difference |
| DISADVANTAGED | | | | | | |
| Limited English Speaking | 909,151 | 1,341,447 | + 432,296 | 909,151 | 1,341,447 | + 432,296 |
| | [239] | 5,252 | + 5,252 | [239] | 5,252 | + 5,252 |
| HANDICAPPED | 454,544 | 673,349 | + 218,805 | 454,544 | 673,349 | + 218,805 |
| SUBPART 2 (Section 120) SUBTOTAL | 2,911,083 | 1,995,547 | - 915,536 | 94,194,696 | 88,117,444 | - 6,077,252 |
| A. Vocational Education | 2,332,612 | 1,689,651 | - 642,961 | 57,652,367 | 58,250,834 | + 598,467 |
| B. Work-Study | 58,855 | 14,360 | - 44,495 | 58,855 | 14,360 | - 44,495 |
| C. Cooperative Education | | | | 229,874 | [292,000] | - 229,874 |
| D. Energy Education | 14,816 | [2,100] | - 14,816 | 759 | | - 759 |
| E. Construction | 256,232 | 225,000 | - 31,232 | 12,500,000 | 7,600,000 | - 4,900,000 |
| F. Sex Bias Office Personnel | 16,665 | 41,665 | + 25,000 | | | |
| I. Industrial Arts | | | | | | |
| J. Support Services for Women | 12,601 | [11,785] | - 12,601 | 19,759 | | - 19,759 |
| K. Day Care Services | 45,509 | [23,322] | - 45,509 | 42,279 | | - 42,279 |
| L. Programs/Homemakers, Head-House. | 13,793 | [14,651] | - 13,793 | 13,793 | | - 13,793 |
| 102 a Administration State | 160,000 | 24,871 | - 135,129 | 2,183,802 | 1,020,000 | - 1,163,802 |
| Local | | | | 11,493,208 | 21,232,250 | + 9,739,042 |
| SUBPART 3 (Section 130) SUBTOTAL | 1,142,531 | 1,346,699 | + 204,168 | 6,695,456 | 6,997,916 | + 302,460 |
| 1. Research | [148,300] | 138,000 | + 138,000 | [35,000] | 30,366 | + 30,366 |
| 2. Exemplary | | | | | | |
| 3. Curriculum Development | | | | [459,748] | 433,800 | + 433,800 |
| 4. Guidance and Counseling | 1,003,653 | 1,126,841 | + 123,288 | 6,614,620 | 5,246,750 | - 1,367,870 |
| 5. Preservice and Inservice Training | 74,635 | 5,778 | - 68,857 | 57,469 | | - 57,469 |
| 6. Grants (Overcome Sex Bias) | 24,343 | 946 | - 23,397 | 23,367 | | - 23,367 |
| 102 a Administration State | 40,000 | 75,134 | + 35,134 | | | |
| Local | | | | | 1,287,000 | + 1,287,000 |
| SUBPART 4 (Section 140) Special Program for Disadvantaged | 250,000 | 193,644 | - 56,356 | | | |
| SUBPART 5 (Section 150) Consumer/Homemaking Ancillary Services | | | | | | |
| Program Instruction | | | | | | |
| Depressed Areas | | | | | | |
| (Sec. 102d) | | 48,411 | + 48,411 | | | |
| TOTAL | 5,667,309 | 5,604,? | - 62,960 | 102,253,847 | 97,135,408 | - 5,118,439 |

[] = Non Add

ANALYSIS OF CHANGES IN SECONDARY FUNDING BY PURPOSE-FY 1981

All federal differences reflect the increased grant award over previous years. Additional state funds also contribute to increases in funding.

Disadvantaged and Handicapped

The increase for these purposes are due to increase in federal grant with resulting increases in matching state and local funds.

Subpart 2

The estimated increase of \$19,382,207 federal, state, and local funds for 1981 represents increases in the federal grant award, state appropriations, and local matching funds.

Work Study

An increase of \$386,243 will enable more disadvantaged vocational students to earn money to enable them to continue in school.

Construction

Funds are identified in this area to enable local units to improve facilities for offering vocational programs, especially where new and special programs are to be offered.

Sex Equity Office

Additional funds reflect the need for additional resources to carry out responsibilities of the Sex Equity office at the secondary level.

102(a) Administration

Increased funds reflect the fact that federal resources were not identified for this purpose in the Five Year Plan. The funds will be used for state-local level administrative services.

Subpart 3

Research

Increased resources will be used to fund identified needs for research activities.

Exemplary

Funds will be used from this category to fund innovative projects at the secondary level. They were not previously identified for this purpose.

Curriculum Development

Increased funds are reflected to enable additional activities in curriculum development to occur. This item was not reflected in the Five Year Plan.

Guidance and Counseling

The amount of funding better reflects the cost to the area in which the students were actually involved in. The costs against the program areas were refigured wherever possible.

Preservice and In-service

Increased funds are reflected to allow additional needs for in-service/preservice education activities to be conducted.

Subpart 4

The decrease reflects the actual decrease in federal grant award amount.

Subpart 5

The increase reflects the actual increase in the federal grant amount.

Subpart 1 (Section 102d)

Increased funds are reflected because they were not projected in the Five Year Plan.

ANALYSIS OF CHANGES IN POST-SECONDARY FUNDING BY PURPOSE-FY 1981

The following analysis is a comparison of the data submitted in the Five-Year State Plan for FY 1981 and the data included in the Annual Plan for FY 1981.

DISADVANTAGED - HANDICAPPED

The level of funding for disadvantaged and handicapped has been increased with a corresponding decrease in funding level for adults. The funding is used for either post-secondary or adult students; and, since the data is no longer reported as to level, it is difficult to determine what amount of funds will be used for either group. Increased funding is projected for FY 1981 as compared to the five-year plan.

SUBPART 2

A reduction in the federal level of funding for vocational education programs is projected with a corresponding increase in the federal level of funding for adult programs. Previously, vocational level enrollments had been projected with post-secondary enrollments. These vocational enrollments are now projected with the adult enrollments.

Levels of funding for work-study, energy, support service for women, day care and programs for homemakers and heads of household have been adjusted based upon data supplied by the institutions through the local applications.

The federal funding level has been decreased with a corresponding increase at the adult level. State and local funding level is lower than what was projected in the five-year plan.

SUBPART 3

The levels of funding are projected to increase over the levels listed in the five-year plan. Adjustments for preservice and in-service training and grants to overcome sex bias have been made based upon data from local applications.

SUBPART 4

The federal grant for Subpart 4 has been reduced.

SUBPART 1

This grant of federal funds will be used to support evaluation activities, data collection, and the development of the State Plan and the Accountability Report.

U.S. DEPARTMENT OF COMMERCE
ECONOMIC DEVELOPMENT ADMINISTRATION

AS OF MAY 03, 1978

PAGE NO.

DIRECTORY OF EDA QUALIFIED AREAS

STATE: 37 NORTH CAROLINA

REGIONAL OFFICE: 04 SOUTH EASTERN

| NAME | BASIS OF QUALIFICATION | DATE OF DESIGNATION | MAXIMUM GRANT RATE (PERCENT) |
|---------------------|---------------------------|------------------------|---------------------------------|
| IREDELL COUNTY | 6 | Mar-17-78 | 50 |
| JACKSON COUNTY | 4 | Jan-20-75 | 50 |
| JOHNSTON COUNTY | 8 | Aug-11-72 | 50 |
| JONES COUNTY | 2 | Aug-11-67 | 50 |
| LEE COUNTY | 6 | Mar-17-78 | 50 |
| LENOIR COUNTY | 6 | Feb-18-77 | 50 |
| LINCOLN COUNTY | 8 | Jun-08-76 | 50 |
| MACON COUNTY | 8 | Aug-11-72 | 50 |
| MADISON COUNTY | 2 | Aug-04-66 | 50 |
| MARTIN COUNTY | 2 | Aug-11-72 | 60 |
| MCDOWELL COUNTY | 6 | Mar-17-78 | 50 |
| MECKLENBURG COUNTY | 6 | Mar-17-78 | 50 |
| MITCHELL COUNTY | 8 | Feb-14-73 | 50 |
| NASH COUNTY | 6 | Mar-30-78 | 50 |
| NEW HANOVER COUNTY | 6 | Mar-17-78 | 50 |
| NORTHAMPTON COUNTY | 28 | Apr-08-66 | 50 |
| ONslow COUNTY | 6 | Apr-12-77 | 50 |
| PAMLICO COUNTY | 8 | Oct-07-69 | 60 |
| PASQUOTANK COUNTY | 6 | Mar-17-78 | 50 |
| PENDER COUNTY | 8 | Aug-11-72 | 60 |
| PERQUIMANS COUNTY | 8 | Aug-18-71 | 50 |
| PERSON COUNTY | 8 | Aug-18-71 | 60 |
| PITT COUNTY | 8 | Feb-13-70 | 50 |
| POLK COUNTY | 6 | Mar-17-78 | 50 |
| RANDOLPH COUNTY | 6 | Mar-30-78 | 50 |
| RICHMOND COUNTY | 6 | Mar-30-78 | 50 |
| ROBESON COUNTY | 8 | Feb-16-66 | 70 |
| ROWAN COUNTY | 8 | | 50 |
| RUTHERFORD COUNTY | 6 | Mar-17-78 | 50 |
| SAMPSON COUNTY | 2 | Sep-26-72 | 50 |
| SCOTLAND COUNTY | 8 | Jun-08-76 | 50 |
| STANLY COUNTY | 8 | | 50 |
| SURRY COUNTY | 6 | Mar-17-78 | 50 |
| SWAIN COUNTY | 8 | Jan-17-66 | 70 |
| TRANSYLVANIA COUNTY | 6 | Mar-17-78 | 50 |
| TYRRELL COUNTY | 12 | Jan-28-66 | 60 |
| UNION COUNTY | 6 | Feb-01-78 | 50 |
| VANCE COUNTY | 6 | Mar-30-78 | 50 |
| WARREN COUNTY | 8 | Feb-25-66 | 60 |
| WASHINGTON COUNTY | 8 | Aug-18-71 | 50 |
| WATAUGA COUNTY | 2 | Feb-14-73 | 50 |
| WAYNE COUNTY | 6 | Apr-12-77 | 50 |
| WILKES COUNTY | 6 | Mar-30-78 | 50 |
| WILSON COUNTY | 8 | Oct-02-70 | 50 |
| YADKIN COUNTY | 6 | Mar-17-78 | 50 |
| YANCEY COUNTY | 8 | Jan-31-66 | 50 |

U.S. DEPARTMENT OF COMMERCE
ECONOMIC DEVELOPMENT ADMINISTRATION

AS OF MAY 03, 1978

PAGE NO.

DIRECTORY OF EDA QUALIFIED AREAS

STATE: 37 NORTH CAROLINA

REGIONAL OFFICE: 04 SOUTH EASTERN

| NAME | BASIS OF QUALIFICATION | DATE OF DESIGNATION | MAXIMUM GRANT RATE (PERCENT) |
|--------------------|---------------------------|------------------------|---------------------------------|
| ALAMANCE COUNTY | 8 | | 60 |
| ALEXANDER COUNTY | 6 | Feb-01-78 | 50 |
| ALLEGHANY COUNTY | 6 | Mar-30-78 | 50 |
| ANSON COUNTY | 2 | Aug-11-72 | 50 |
| ASHE COUNTY | 8 | Sep-26-72 | 50 |
| AVERY COUNTY | 8 | Jan-31-66 | 60 |
| BEAUFORT COUNTY | 2 | Aug-11-72 | 50 |
| BERTIE COUNTY | 8 | Jan-21-66 | 60 |
| BLADEN COUNTY | 8 | Jan-28-66 | 60 |
| BRUNSWICK COUNTY | 1 | Sep-12-68 | 70 |
| BUNCOMBE COUNTY | 6 | Mar-17-78 | 50 |
| BURKE COUNTY | 6 | Feb-01-78 | 50 |
| CABARRUS COUNTY | 6 | Mar-17-78 | 50 |
| CALDWELL COUNTY | 6 | Feb-01-78 | 50 |
| CAMDEN COUNTY | 1 | Mar-19-68 | 50 |
| CARTERET COUNTY | 1 | Dec-08-65 | 50 |
| CASWELL COUNTY | 2 | Feb-14-73 | 50 |
| CATAWBA COUNTY | 6 | Feb-01-78 | 50 |
| CHARLOTTE, CITY OF | 6 | Mar-17-78 | 50 |
| CHATHAM COUNTY | 6 | Mar-17-78 | 50 |
| CHEROKEE COUNTY | 8 | Aug-11-72 | 60 |
| CHOWAN COUNTY | 2 | Sep-26-72 | 50 |
| CLAY COUNTY | 28 | Mar-15-66 | 60 |
| CLEVELAND COUNTY | 6 | Mar-17-78 | 50 |
| COLUMBUS COUNTY | 8 | Jun-23-67 | 60 |
| CRAVEN COUNTY | 6 | Mar-18-77 | 50 |
| CUMBERLAND COUNTY | 6 | Mar-17-78 | 50 |
| CURRITUCK COUNTY | 1 | Apr-27-67 | 50 |
| DARE COUNTY | 1 | Apr-06-67 | 50 |
| DAVIDSON COUNTY | 6 | Mar-17-78 | 50 |
| DUPLIN COUNTY | 8 | Jul-05-66 | 60 |
| EDGEcombe COUNTY | 6 | Apr-12-77 | 50 |
| FORSYTH COUNTY | 6 | Mar-17-78 | 50 |
| FRANKLIN COUNTY | 8 | Jan-28-66 | 60 |
| GASTON COUNTY | 6 | Apr-12-77 | 50 |
| GATES COUNTY | 2 | Jan-28-66 | 50 |
| GRAHAM COUNTY | 1 | Jan-28-66 | 70 |
| GRANVILLE COUNTY | 8 | | 60 |
| GREENE COUNTY | 8 | Jan-28-66 | 50 |
| GUILFORD COUNTY | 6 | Mar-17-78 | 50 |
| HALIFAX COUNTY | 8 | Oct-07-69 | 60 |
| HARNETT COUNTY | 6 | Mar-17-78 | 50 |
| HAYWOOD COUNTY | 6 | Mar-17-78 | 50 |
| HENDERSON COUNTY | 6 | Mar-30-78 | 50 |
| HERTFORD COUNTY | 8 | Aug-08-69 | 50 |
| HOKE COUNTY | 8 | Aug-11-72 | 60 |
| HYDE COUNTY | 12 | Feb-25-66 | 50 |

U. S. DEPARTMENT OF COMMERCE

Economic Development Administration

The qualification basis, is indicated by one, or a combination, of the symbols defined below.

- (1) : Substantial and persistent unemployment
- (2) : Low median family income
- (3) : Indian reservations or trust or restricted Indian-owned land
- (4) : Unusual and abrupt rise in unemployment resulting from the loss, removal, curtailment or closing of a major employment source
- (6) : Special impact area program
- (d) : One redevelopment area designated in a State originally not having a designated redevelopment area qualified on any other basis
- (7) : Decline in per capita employment
- (8) : Substantial unemployment (areas qualifying under the criterion prior to September 27, 1974 were known as Title I areas).

VOCATIONAL EDUCATION
SECONDARY
FORMULA DISTRIBUTION OF FUNDS

The State Board shall distribute federal vocational funds to local educational agencies (LEA) on the basis of a weighted formula which consists of the following factors:

| | <u>Point Value</u> |
|--|--------------------|
| 1. Concentration of Low Income Families | 18-27 |
| 2. Relative Financial Ability | 18-27 |
| 3. Economically Depressed Area | 0-18 |
| a. Designated Area Reimbursement Rate (0-9) | |
| b. General Unemployment (3-9) | |
| 4. New Programs | 0-12 |
| 5. Average Daily Membership | 4-16 |

or:

School Dropout replaces ADM for Special
Disadvantaged and Work-Study funds.

| | |
|-----------------|-------|
| Range of Points | 0-100 |
|-----------------|-------|

Factor Descriptions:

1. Concentration Low-Income Families (CLIF). The LIF is derived from data in the Department of Commerce Census Study. Concentration is determined by number of low income families to total families within an LEA.
2. Relative Financial Ability (RFA). The RFA is derived from: (1) property valuation data from the State Department of Tax Research, and, (2) population data from the State Department of Budget and Management, Research Planning Services. Per capita wealth is determined by population to tax valuation in a county. Data is not collected by LEA; therefore, a city within a county is ranked the same. (If any LEA disagrees, they may appeal to the State Board to use their data rather than that which was computed.) Points are inverted high to low.
3. Economically Depressed Areas (EDA). EDA factor is determined through a combination of data from the Department of Commerce and general unemployment data.

(a) Designated Area Reimbursement Rate. The EDA is obtained from the Department of Commerce which shows the counties designated as economically depressed and the reimbursement rates assigned of 0, 50, 60, or 70.

(b) General Unemployment (GU). Derived from the latest available data as determined by the Employment Security Commission. This data is not available by LEA; therefore, the data was prorated according to the percentage of the ADM a Local Educational Agency bears to the county wide ADM. The LEA's within a county should determine that the proration between the units within the county is correct. (If any LEA disagrees they may appeal to the State Board to use their data rather than that which was computed.)

4. New Programs (NP). The NP data is obtained from local applications. The number of new programs in an LEA, as defined in this State Plan, is divided by the total number of programs offered by the LEA to produce a ratio.
5. Average Daily Membership (ADM) grades 7-12. The ADM is determined by the Division of Teacher Allotment for grades 9-12 and we would add to this the 6th and 7th grade ADM for the best continuous three out of the first four school months to determine the ADM in grades 7-12.

Or for Special Disadvantaged and Work-Study Funds:

School Drop-Out Rate (DOR). The DOR is derived by loss of students of a four-year period, adjusted by migration, transfers, deaths, and other factors deemed appropriate. Information is obtained from the Division of Management Information Systems, Controllers Office, Department of Public Education. (Target group for Special Disadvantaged: LEA's with a total point value of 68 and above, which will fund the top 21.5% of the LEA's having the greatest need.)

Points are assigned to a LEA for each of the above factors. An LEA's total points divided by the State wide total points obtains the LEA's percentage rate for formula distribution. The rate is applied to the federal funds available by category with the exception of Handicapped and Disadvantaged. In these two categories the State contribution is added to the federal prior to distribution.

LEA's contribution for all categories is determined based on personal income, and property valuation per average daily membership. Basic data for computing total personal income is obtained from the State Department of Tax Research which derives it from income tax returns. Equalized property valuations are computed from basic data obtained by the State Department of Tax Research from the records of county tax collectors. Average daily membership in public schools is obtained from reports filed with the State Board of Education by the local education agency.

Using the basic data obtained from the above sources, a determination of personal income per child in average daily membership, based upon the best continuous three out of the first four school months for grades K-12, is computed by dividing total personal income by average daily membership. The resulting figure is given a 75% ability-to-pay index weight in determining relative ability to pay. The remaining 25% of index weight is assigned to equalized property valuation per child in average daily membership, computed by dividing equalized assessed property valuation by average daily membership. The two indexes are then compiled to obtain a comparative ranking by county. The amount required for all categories but Special Disadvantaged ranges from 26 to 32%. For Special Disadvantaged the range is from 0 to 15%.

TABLE: 21 SECONDARY POINTS EARNED THROUGH FORMULA DISTRIBUTION FACTORS
FOR SUB-PART II AND SUB-PART III WITH THE EXCEPTION OF WORK-STUDY

FY 1981

| Local Educational Agency | | CLIF | RAP | EDA | GU | ADM | NP | TOTAL | % TO TOTAL |
|--------------------------|------------|------|-----|-----|----|-----|----|-------|------------|
| No. | Name | | | | | | | | |
| 010 | Alamance | 18 | 24 | 6 | 6 | 16 | 2 | 72 | .7564 |
| 011 | Burlington | 18 | 24 | 6 | 3 | 12 | | 63 | .6618 |
| 020 | Alexander | 18 | 27 | 3 | 6 | 8 | | 62 | .6513 |
| 030 | Alleghany | 24 | 21 | 3 | 3 | 4 | | 55 | .5778 |
| 040 | Anson | 24 | 27 | 3 | 6 | 12 | | 72 | .7564 |
| 050 | Ashe | 24 | 21 | 3 | 9 | 8 | | 65 | .6828 |
| 060 | Avery | 24 | 27 | 6 | 9 | 8 | 2 | 76 | .7984 |
| 070 | Beaufort | 24 | 24 | 3 | 3 | 8 | 6 | 68 | .7144 |
| 071 | Washington | 21 | 24 | 3 | 3 | 8 | 4 | 63 | .6618 |
| 080 | Bertie | 27 | 24 | 6 | 9 | 8 | | 74 | .7774 |
| 090 | Bladen | 24 | 24 | 6 | 9 | 12 | | 75 | .7879 |
| 100 | Brunswick | 21 | 18 | 9 | 9 | 12 | | 69 | .7249 |
| 110 | Buncombe | 18 | 24 | 3 | 6 | 16 | | 67 | .7038 |
| 111 | Asheville | 21 | 24 | 3 | 3 | 12 | | 63 | .6618 |
| 120 | Burke | 18 | 24 | 3 | 6 | 16 | 2 | 69 | .7249 |
| 130 | Cabarrus | 18 | 24 | 3 | 3 | 16 | 6 | 70 | .7354 |
| 131 | Concord | 18 | 24 | 3 | 3 | 8 | | 56 | .5883 |
| 132 | Kannapolis | 18 | 24 | 3 | 3 | 12 | 2 | 62 | .6513 |
| 140 | Caldwell | 18 | 24 | 3 | 6 | 16 | 2 | 69 | .7249 |
| 150 | Camden | 21 | 27 | 3 | 6 | 4 | 12 | 73 | .7669 |
| 160 | Carteret | 21 | 24 | 3 | 6 | 12 | 6 | 72 | .7564 |
| 170 | Caswell | 21 | 24 | 3 | 6 | 8 | | 62 | .6514 |
| 180 | Catawba | 18 | 21 | 3 | 3 | 16 | 4 | 65 | .6828 |
| 181 | Hickory | 18 | 21 | 3 | 3 | 8 | | 53 | .5568 |
| 182 | Newton | 18 | 21 | 3 | 3 | 4 | 6 | 55 | .5778 |
| 190 | Chatham | 21 | 24 | 3 | 6 | 12 | | 66 | .6934 |
| 200 | Cherokee | 24 | 27 | 6 | 9 | 8 | | 74 | .7774 |

TABLE: 21

SECONDARY POINTS EARNED THROUGH FORMULA DISTRIBUTION FACTORS
FOR SUB-PART II AND SUB-PART III WITH THE EXCEPTION OF WORK-STUDY
FY 1981

| Local Educational Agency | | CLIF | RAP | EDA | GU | ADM | NP | TOTAL | % TO TOTAL |
|--------------------------|----------------|------|-----|-----|----|-----|----|-------|------------|
| No. | Name | | | | | | | | |
| 210 | Chowan | 24 | 24 | 3 | 6 | 4 | | 61 | .6408 |
| 220 | Clay | 27 | 27 | 6 | 6 | 4 | 12 | 82 | .8614 |
| 230 | Cleveland | 18 | 24 | 3 | 3 | 16 | 4 | 68 | .7144 |
| 231 | Kings Mountain | 18 | 24 | 3 | 3 | 8 | | 56 | .5883 |
| 232 | Shelby | 18 | 24 | 3 | 3 | 8 | 4 | 60 | .6303 |
| 240 | Columbus | 24 | 27 | 6 | 6 | 12 | | 75 | .7879 |
| 241 | Whiteville | 21 | 27 | 6 | 3 | 4 | | 61 | .6408 |
| 250 | Craven | 21 | 27 | 3 | 3 | 12 | | 66 | .6934 |
| 251 | New Bern | 21 | 27 | 3 | 3 | 12 | 4 | 70 | .7354 |
| 260 | Cumberland | 21 | 27 | 3 | 6 | 16 | 10 | 83 | .8719 |
| 261 | Fayetteville | 21 | 27 | 3 | 3 | 16 | 2 | 72 | .7564 |
| 270 | Currituck | 21 | 24 | 3 | 6 | 4 | 6 | 64 | .6723 |
| 280 | Dare | 18 | 18 | 3 | 6 | 4 | 8 | 57 | .5988 |
| 290 | Davidson | 18 | 24 | 3 | 3 | 16 | | 64 | .6723 |
| 291 | Lexington | 18 | 24 | 3 | 3 | 8 | 6 | 62 | .6513 |
| 292 | Thomasville | 18 | 24 | 3 | 3 | 4 | | 52 | .5463 |
| 300 | Davie | 18 | 21 | 0 | 6 | 8 | 2 | 55 | .5778 |
| 310 | Duplin | 24 | 27 | 6 | 9 | 12 | 10 | 88 | .9245 |
| 320 | Durham County | 21 | 21 | 0 | 3 | 16 | | 61 | .6408 |
| 321 | Durham City | 18 | 21 | 0 | 3 | 12 | 2 | 56 | .5883 |
| 330 | Edgecombe | 27 | 24 | 3 | 6 | 12 | 4 | 76 | .7984 |
| 331 | Tarboro | 21 | 24 | 3 | 3 | 8 | | 59 | .6198 |
| 340 | Forsyth | 18 | 21 | 3 | 6 | 16 | | 64 | .6723 |
| 350 | Franklin | 24 | 27 | 6 | 6 | 8 | 6 | 77 | .8089 |
| 351 | Franklinton | 21 | 27 | 6 | 3 | 4 | | 61 | .6408 |
| 360 | Gaston | 18 | 24 | 3 | 6 | 16 | 6 | 73 | .7669 |
| 370 | Gates | 24 | 27 | 3 | 6 | 4 | | 64 | .6723 |
| 380 | Graham | 24 | 27 | 9 | 9 | 4 | | 73 | .7669 |
| 390 | Granville | 24 | 27 | 6 | 9 | 12 | 2 | 80 | .8404 |

TABLE: 21

SECONDARY POINTS EARNED THROUGH FORMULA DISTRIBUTION FACTORS
FOR SUB-PART II AND SUB-PART III WITH THE EXCEPTION OF WORK-STUDY
FY 1981

| Local Educational Agency | | CLIF | RAP | EDA | GU | ADM | NP | TOTAL | % TO TOTAL |
|--------------------------|----------------|------|-----|-----|----|-----|----|-------|------------|
| No. | Name | | | | | | | | |
| 400 | Greene | 24 | 27 | 3 | 9 | 8 | 2 | 73 | .7659 |
| 410 | Guilford | 18 | 21 | 3 | 3 | 16 | | 61 | .6408 |
| 411 | Greensboro | 18 | 21 | 3 | 3 | 16 | 2 | 63 | .6618 |
| 412 | High Point | 18 | 21 | 3 | 3 | 16 | | 61 | .6408 |
| 420 | Halifax | 27 | 24 | 6 | 6 | 12 | | 75 | .7879 |
| 421 | Roanoke Rapids | 18 | 24 | 6 | 3 | 4 | 8 | 63 | .6618 |
| 422 | Weldon | 24 | 24 | 6 | 3 | 4 | 12 | 73 | .7669 |
| 430 | Harnett | 21 | 27 | 3 | 6 | 16 | | 73 | .7669 |
| 440 | Haywood | 21 | 24 | 3 | 6 | 16 | | 70 | .7354 |
| 450 | Henderson | 21 | 24 | 3 | 3 | 12 | 2 | 65 | .6828 |
| 451 | Hendersohville | 18 | 24 | 3 | 3 | 4 | | 52 | .5463 |
| 460 | Hertford | 24 | 27 | 3 | 6 | 8 | 12 | 80 | .8404 |
| 470 | Hoke | 24 | 27 | 6 | 9 | 8 | 2 | 76 | .7984 |
| 480 | Hyde | 27 | 24 | 3 | 9 | 4 | 8 | 75 | .7879 |
| 490 | Iredell | 18 | 21 | 3 | 6 | 16 | | 64 | .6723 |
| 491 | Mooreville | 18 | 21 | 3 | 3 | 4 | 12 | 61 | .6408 |
| 492 | Statesville | 18 | 21 | 3 | 3 | 8 | | 53 | .5568 |
| 500 | Jackson | 24 | 21 | 3 | 6 | 8 | | 62 | .6513 |
| 510 | Johnston | 24 | 27 | 3 | 6 | 16 | | 76 | .7984 |
| 520 | Jones | 24 | 24 | 3 | 6 | 4 | | 61 | .6408 |
| 530 | Lee/Sanford | 21 | 24 | 3 | 6 | 12 | | 66 | .6933 |
| 540 | Lenoir | 24 | 24 | 3 | 3 | 12 | | 66 | .6933 |
| 541 | Kinston | 21 | 24 | 3 | 3 | 8 | 2 | 61 | .6408 |
| 550 | Lincoln | 18 | 24 | 3 | 6 | 12 | 2 | 65 | .6828 |
| 560 | Macon | 24 | 18 | 3 | 6 | 8 | | 59 | .6198 |
| 570 | Madison | 24 | 27 | 3 | 6 | 4 | | 64 | .6723 |
| 580 | Martin | 24 | 21 | 6 | 9 | 12 | | 72 | .7564 |
| 590 | McDowell | 21 | 24 | 3 | 6 | 12 | | 66 | .6934 |
| 600 | Mecklenburg | 18 | 21 | 3 | 6 | 16 | 4 | 68 | .7144 |
| 610 | Mitchell | 24 | 21 | 3 | 6 | 4 | | 58 | .6093 |

TABLE: 21 SECONDARY POINTS EARNED THROUGH FORMULA DISTRIBUTION FACTORS
FOR SUB-PART II AND SUB-PART III WITH THE EXCEPTION OF WORK-STUDY
FY 1981

| Local Educational Agency | | CLIF | RAP | EDA | GU | ADM | NP | TOTAL | % TO TOTAL |
|--------------------------|-----------------|------|-----|-----|----|-----|----|-------|------------|
| No. | Name | | | | | | | | |
| 620 | Montgomery | 21 | 24 | 0 | 3 | 8 | 2 | 58 | .6094 |
| 630 | Moore | 21 | 24 | 0 | 6 | 16 | | 67 | .7038 |
| 640 | Nash | 24 | 24 | 3 | 3 | 16 | 4 | 74 | .7774 |
| 641 | Rocky Mount | 21 | 24 | 3 | 3 | 12 | 2 | 65 | .6828 |
| 650 | New Hanover | 18 | 21 | 3 | 9 | 16 | 6 | 73 | .7669 |
| 660 | Northampton | 27 | 27 | 3 | 6 | 12 | 4 | 79 | .8300 |
| 670 | Onslow | 21 | 27 | 3 | 6 | 16 | | 73 | .7669 |
| 680 | Orange | 18 | 24 | 0 | 3 | 8 | | 53 | .5568 |
| 681 | Chapel Hill | 18 | 24 | 0 | 3 | 12 | | 57 | .5988 |
| 690 | Pamlico | 24 | 27 | 6 | 9 | 4 | 10 | 80 | .8404 |
| 700 | Pasquotank | 24 | 27 | 3 | 6 | 12 | 2 | 74 | .7774 |
| 710 | Pender | 24 | 27 | 6 | 9 | 8 | 2 | 76 | .7984 |
| 720 | Perquimans | 27 | 24 | 3 | 6 | 4 | | 64 | .6723 |
| 730 | Person | 21 | 18 | 6 | 6 | 12 | | 63 | .6618 |
| 740 | Pitt | 24 | 24 | 3 | 6 | 16 | | 73 | .7669 |
| 741 | Greenville | 21 | 24 | 3 | 3 | 12 | | 63 | .6618 |
| 750 | Polk | 21 | 21 | 3 | 3 | 4 | | 52 | .5463 |
| 751 | Tryon | 21 | 21 | 3 | 3 | 4 | | 52 | .5463 |
| 760 | Randolph | 18 | 24 | 3 | 3 | 16 | 2 | 66 | .6934 |
| 761 | Asheboro | 18 | 24 | 3 | 3 | 8 | | 56 | .5883 |
| 770 | Richmond | 21 | 27 | 3 | 6 | 16 | 2 | 75 | .7879 |
| 780 | Robeson | 27 | 27 | 9 | 6 | 16 | 2 | 87 | .9140 |
| 781 | Fairmont | 27 | 27 | 9 | 3 | 4 | 6 | 76 | .7984 |
| 782 | Lumberton | 21 | 27 | 9 | 3 | 8 | | 68 | .7144 |
| 783 | Maxton | | | | | | | | |
| 784 | Red Springs | 24 | 27 | 9 | 3 | 4 | | 67 | .7038 |
| 785 | St. Pauls | 24 | 27 | 9 | 3 | 4 | | 67 | .7038 |
| 790 | Rockingham | 18 | 24 | 0 | 3 | 8 | | 53 | .5568 |
| 791 | Eden | 18 | 24 | 0 | 3 | 8 | | 53 | .5568 |
| 792 | Madison Mayodan | 18 | 24 | 0 | 3 | 4 | 4 | 53 | .5568 |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1980-81
FOR SUB-PARTS 2, 3, & 5
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 23

| REFM. DATE | LEA | ESTIMATED MONTHS OF EMPLOYMENT | | | | | | ESTIMATED REIMBURSEMENT | | | | |
|---------------|------------|--------------------------------|----------------|----------------|-----------------|-------------------|---------|-------------------------|----------------|-----------------|---------------------------------|---------|
| | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | | STATE | SUB- PART 2 | SUB- PART 3 | EDA COUNTIES | SUB-PART 5 OTHER COUNTIES | LOCAL |
| | | | | | EDA COUNTIES | OTHER COUNTIES | | | | | | |
| 70 | Alamance | 486.5 | 29 | 10 | 7.5 | | 495,160 | 36,560 | 12,607 | 9,455 | | 237,335 |
| 70 | Burlington | 274 | 25.5 | 10 | 6.5 | | 278,877 | 32,148 | 12,607 | 8,195 | | 142,212 |
| 72 | Alexander | 163 | 25 | 9 | 6.5 | | 170,641 | 32,418 | 11,670 | 8,429 | | 86,784 |
| 70 | Alleghany | 70.5 | 22.5 | 8.5 | 5.5 | | 71,755 | 28,366 | 10,716 | 6,934 | | 50,473 |
| 72 | Anson | 208 | 29 | 7.5 | 7.5 | | 217,751 | 37,605 | 9,725 | 9,725 | | 106,869 |
| 70 | Ashe | 255 | 26.5 | 10 | 6.5 | | 259,539 | 33,409 | 12,607 | 8,195 | | 134,464 |
| 74 | Avery | 95 | 31 | 9 | 7.5 | | 102,216 | 41,315 | 11,995 | 9,996 | | 58,156 |
| 70 | Beaufort | 158 | 27.5 | 10.5 | 7 | | 160,812 | 34,669 | 13,237 | 8,825 | | 93,233 |
| 70 | Washington | 129 | 25.5 | 9.5 | 6.5 | | 131,296 | 32,148 | 11,977 | 8,195 | | 78,693 |
| 74 | Bertie | 189 | 30 | 10.5 | 7.5 | | 203,356 | 39,982 | 13,994 | 9,994 | | 93,926 |
| 74 | Bladen | 245.5 | 30.5 | 10.5 | 7.5 | | 264,148 | 40,649 | 13,994 | 9,996 | | 115,520 |
| 68 | Brunswick | 271 | 28 | 9.5 | 7 | | 267,943 | 34,291 | 11,634 | 8,573 | | 151,737 |
| 68 | Buncombe | 929.5 | 27.5 | 9.5 | 6.5 | | 919,015 | 33,679 | 11,634 | 7,960 | | 457,547 |
| 68 | Asheville | 207 | 25.5 | 9 | 6.5 | | 204,665 | 31,229 | 11,022 | 7,960 | | 119,942 |
| 70 | Burke | 487.5 | 28 | 9.5 | 7 | | 496,178 | 35,300 | 11,977 | 8,825 | | 235,691 |
| 70 | Cabarrus | 326 | 28.5 | 10 | 7 | | 331,803 | 35,930 | 12,607 | 8,825 | | 166,785 |
| 70 | Concord | 112.5 | 23 | 9 | 5.5 | | 114,503 | 28,996 | 11,346 | 6,934 | | 69,334 |
| 70 | Kannapolis | 177 | 25 | 8.5 | 6.5 | | 180,151 | 31,518 | 10,716 | 8,195 | | 98,820 |
| 72 | Caldwell | 484.0 | 28 | 9.5 | 7 | | 506,690 | 36,308 | 12,319 | 9,077 | | 219,487 |
| 74 | Camden | 29.5 | 29.5 | 10 | 7.5 | | 31,741 | 39,316 | 13,327 | 9,996 | | 33,161 |
| 70 | Carteret | 255 | 29 | 10 | 7.5 | | 259,539 | 36,560 | 12,607 | 9,455 | | 136,355 |
| 74 | Caswell | 146.5 | 25 | 8.5 | 6.5 | | 157,628 | 33,319 | 11,328 | 8,663 | | 74,113 |
| 68 | Catawba | 462.5 | 26.5 | 9 | 6.5 | | 457,283 | 32,454 | 11,022 | 7,960 | | 239,397 |
| 68 | Hickory | 160 | 21.5 | 7.5 | 5.5 | | 158,195 | 26,331 | 9,185 | 6,736 | | 94,328 |
| 68 | Norton | 88.5 | 22.5 | 7.5 | 5.5 | | 87,502 | 27,555 | 9,185 | 6,736 | | 61,637 |
| 70 | Chatham | 236 | 27 | 9 | 6.5 | | 240,201 | 34,040 | 11,346 | 8,195 | | 125,907 |
| 74 | Cherokee | 122 | 30 | 10 | 7.5 | | 131,267 | 39,982 | 13,327 | 9,996 | | 68,363 |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1980-81
FOR SUB-PARTS 2, 3, & 5
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 23

| RELY. RATE | LEA | ESTIMATED MONTHS OF EMPLOYMENT | | | | | ESTIMATED REIMBURSEMENT | | | | |
|---------------|----------------|--------------------------------|----------------|----------------|-----------------|-------------------|-------------------------|----------------|----------------|-----------------|-------------------|
| | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | |
| | | | | | EDA COUNTIES | OTHER COUNTIES | | | | EDA COUNTIES | OTHER COUNTIES |
| 72 | Chowan | 85.5 | 25 | 8.5 | 6 | | 89,508 | 32,418 | 11,022 | 7,780 | |
| 72 | Clay | 34.5 | 33 | 11.5 | 8 | | 36,117 | 42,792 | 14,912 | 10,374 | |
| 72 | Cleveland | 323 | 27.5 | 9.5 | 7 | | 338,142 | 35,660 | 12,319 | 9,077 | |
| 72 | Kings Mountain | 143 | 23 | 8 | 5.5 | | 149,704 | 29,825 | 10,374 | 7,132 | |
| 72 | Shelby | 149 | 24.5 | 8.5 | 6 | | 155,985 | 31,770 | 11,022 | 7,780 | |
| 74 | Columbus | 404.5 | 30.5 | 10.5 | 7.5 | | 435,226 | 40,649 | 13,994 | 9,996 | |
| 74 | Whiteville | 83 | 25 | 8.5 | 6 | | 89,305 | 33,319 | 11,328 | 7,996 | |
| 72 | Craven | 255.5 | 27 | 9 | 6.5 | | 267,478 | 35,011 | 11,670 | 8,429 | |
| 72 | New Bern | 207 | 28.5 | 9.5 | 7 | | 216,704 | 36,957 | 12,319 | 9,077 | |
| 72 | Curberland | 1370 | 33.5 | 11.5 | 8.5 | | 1,434,226 | 43,440 | 14,912 | 11,022 | |
| 72 | Fayetteville | 384.5 | 29 | 10 | 7.5 | | 402,525 | 37,605 | 12,967 | 9,725 | |
| 72 | Currituck | 60 | 26 | 9 | 6.5 | | 62,813 | 33,715 | 11,670 | 8,429 | |
| 68 | Dare | 58 | 23 | 8 | 6 | | 57,346 | 28,168 | 9,797 | 7,348 | |
| 70 | Davidson | 592 | 26 | 9 | 6.5 | | 602,538 | 32,778 | 11,346 | 8,195 | |
| 70 | Lexington | 113.5 | 25 | 8.5 | 6.5 | | 115,520 | 31,518 | 10,716 | 8,195 | |
| 70 | Thomasville | 94.5 | 21 | 7 | 5.5 | | 96,182 | 26,475 | 8,825 | 6,934 | |
| 68 | Davie | 176 | 21.5 | 7.5 | | 6.5 | 174,015 | 26,331 | 9,185 | | 7,960 |
| 72 | Duplin | 345 | 35 | 12 | 9 | | 361,174 | 45,385 | 15,561 | 11,670 | |
| 68 | Durham County | 634.5 | 23.5 | 8.5 | | 7.5 | 627,343 | 28,780 | 10,410 | | 9,185 |
| 68 | Durham City | 348.5 | 21.5 | 8 | | 7 | 344,569 | 26,331 | 9,797 | | 8,573 |
| 72 | Edgecombe | 228 | 31 | 10.5 | 7.5 | | 238,689 | 40,198 | 13,616 | 9,725 | |
| 72 | Tarboro | 111 | 24 | 8 | 6 | | 116,204 | 31,121 | 10,374 | 7,780 | |
| 68 | Forsyth | 1712 | 26 | 9 | 6.5 | | 1,692,689 | 31,842 | 11,022 | 7,960 | |
| 74 | Franklin | 168 | 31 | 10.5 | 8 | | 180,761 | 41,315 | 13,994 | 10,662 | |
| 74 | Franklin | 41 | 25 | 8.5 | 6 | | 44,114 | 33,319 | 11,328 | 7,996 | |
| 70 | Gaston | 1215 | 29.5 | 10 | 7.5 | | 1,236,627 | 37,191 | 12,607 | 9,455 | |
| 72 | Gates | 54.5 | 26 | 9 | 6.5 | | 57,055 | 33,715 | 11,670 | 8,429 | |
| 74 | Graham | 61 | 29.5 | 10 | 7.5 | | 65,634 | 39,316 | 13,327 | 9,996 | |
| 74 | Granville | 248 | 32.5 | 11 | 8 | | 266,838 | 43,314 | 14,660 | 10,662 | |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1980-81
FOR SUB-PARTS 2, 3, & 5
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 23

| REIM. RATE | LEA | ESTIMATED MONTHS OF EMPLOYMENT | | | | | ESTIMATED REIMBURSEMENT | | | | | | |
|---------------|----------------|--------------------------------|----------------|----------------|-----------------|-------------------|-------------------------|----------------|----------------|-----------------|-------------------|-----------|--|
| | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | | | |
| | | | | | EDA COUNTIES | OTHER COUNTIES | | | | EDA COUNTIES | OTHER COUNTIES | LOCAL | |
| 72 | Greene | 110.5 | 29.5 | 10 | 7.5 | | 115,680 | 38,253 | 12,967 | 9,725 | | 68,688 | |
| 68 | Guilford | 994 | 25 | 8.5 | 6 | | 982,788 | 30,617 | 10,410 | 7,348 | | 485,253 | |
| 68 | Greensboro | 1021.5 | 25 | 9 | 6.5 | | 1,009,977 | 30,617 | 11,022 | 7,960 | | 498,624 | |
| 68 | High Point | 339.5 | 25 | 8.5 | 6 | | 335,670 | 30,617 | 10,410 | 7,348 | | 180,727 | |
| 74 | Halifax | 299 | 30.5 | 10.5 | 7.5 | | 321,712 | 40,649 | 13,994 | 9,996 | | 135,745 | |
| 74 | Roanoke Rapids | 90.5 | 25 | 9 | 6 | | 97,374 | 33,319 | 11,995 | 7,996 | | 52,943 | |
| 74 | Weldon | 44 | 29.5 | 10 | 7.5 | | 47,342 | 39,316 | 13,327 | 9,996 | | 38,642 | |
| 74 | Harnett | 426.5 | 29.5 | 10 | 7.5 | | 458,897 | 39,316 | 13,327 | 9,996 | | 183,242 | |
| 70 | Haywood | 346.5 | 28.5 | 10 | 7 | | 352,668 | 35,930 | 12,607 | 8,825 | | 175,727 | |
| 68 | Henderson | 304.5 | 26.5 | 9 | 6.5 | | 301,065 | 32,454 | 11,022 | 7,960 | | 155,883 | |
| 68 | Hendersonville | 50 | 21 | 7 | 5.5 | | 49,436 | 25,718 | 8,573 | 6,736 | | 42,571 | |
| 72 | Hertford | 179.5 | 32 | 11 | 8 | | 187,915 | 41,495 | 14,264 | 10,374 | | 98,796 | |
| 74 | Hoke | 143.0 | 31 | 10.5 | 7.5 | | 153,862 | 41,315 | 13,994 | 9,996 | | 77,005 | |
| 72 | Hyde | 26 | 30.5 | 10.5 | 7.5 | | 27,219 | 39,550 | 13,616 | 9,725 | | 35,043 | |
| 70 | Iredell | 379 | 26 | 9 | 6.5 | | 385,746 | 32,778 | 11,346 | 8,195 | | 187,742 | |
| 70 | Mooresville | 71.5 | 25 | 8.5 | 6 | | 72,773 | 31,518 | 10,716 | 7,564 | | 52,530 | |
| 70 | Statesville | 125 | 21.5 | 7.5 | 5.5 | | 127,225 | 27,105 | 9,455 | 6,934 | | 73,165 | |
| 68 | Jackson | 136.5 | 25 | 8.5 | 6.5 | | 134,960 | 30,617 | 10,410 | 7,960 | | 86,563 | |
| 74 | Johnston | 566.5 | 31 | 10.5 | 7.5 | | 609,531 | 41,315 | 13,994 | 9,996 | | 237,105 | |
| 72 | Jones | 100.5 | 25 | 8.5 | 6 | | 105,211 | 32,418 | 11,022 | 7,780 | | 60,834 | |
| 70 | Lee/Sanford | 257.5 | 27 | 9 | 6.5 | | 262,084 | 34,039 | 11,346 | 8,195 | | 135,285 | |
| 70 | Lenoir | 374.5 | 27 | 9 | 6.5 | | 381,166 | 34,039 | 11,346 | 8,195 | | 186,320 | |
| 70 | Kinston | 180.5 | 25 | 8.5 | 6 | | 183,713 | 31,518 | 10,716 | 7,564 | | 100,076 | |
| 72 | Lincoln | 297 | 26.5 | 9 | 6.5 | | 310,923 | 34,363 | 11,670 | 8,429 | | 142,094 | |
| 68 | Macon | 126.5 | 24 | 8 | 6 | | 125,073 | 29,392 | 9,797 | 7,348 | | 80,758 | |
| 74 | Madison | 123.5 | 26 | 9 | 6.5 | | 132,881 | 34,651 | 11,995 | 8,663 | | 66,121 | |
| 68 | Martin | 204 | 29 | 10 | 7.5 | | 201,699 | 35,516 | 12,247 | 9,185 | | 121,716 | |
| 72 | McDowell | 246.5 | 27 | 9 | 6.5 | | 258,056 | 35,011 | 11,670 | 8,429 | | 121,787 | |
| 68 | Mecklenburg | 2848.5 | 27.5 | 9.5 | 7 | | 2,816,369 | 33,679 | 11,634 | 8,573 | | 1,350,708 | |
| 68 | Mitchell | 90 | 23.5 | 8 | 6 | | 88,985 | 28,780 | 9,797 | 7,348 | | 63,487 | |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1980-81
FOR SUB-PARTS 2, 3, & 5
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 23

| REIM. RATE | LFA | ESTIMATED MONTHS OF EMPLOYMENT | | | | | ESTIMATED REIMBURSEMENT | | | | | |
|---------------|-----------------|--------------------------------|----------------|----------------|-----------------|-------------------|-------------------------|----------------|----------------|-----------------|-------------------|---------|
| | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | | LOCAL |
| | | | | | EDA COUNTIES | OTHER COUNTIES | | | | EDA COUNTIES | OTHER COUNTIES | |
| 70 | Montgomery | 144 | 22.5 | 8 | | 7 | 146,563 | 28,366 | 10,086 | | 8,825 | 83,074 |
| 70 | Moore | 386.5 | 26 | 9.5 | | 8 | 393,380 | 32,778 | 11,977 | | 10,086 | 192,095 |
| 70 | Nash | 376 | 30 | 10.5 | 7.5 | | 382,693 | 37,821 | 13,237 | 9,455 | | 189,945 |
| 70 | Rocky Mount | 226 | 26.5 | 9 | 6.5 | | 230,023 | 33,409 | 11,346 | 8,195 | | 121,274 |
| 68 | New Hanover | 769 | 29.5 | 10 | 7.5 | | 760,326 | 36,128 | 12,247 | 9,185 | | 384,888 |
| 74 | Northampton | 188 | 32 | 11 | 8 | | 202,280 | 42,648 | 14,660 | 10,662 | | 94,953 |
| 68 | Onslow | 591.5 | 29.5 | 10 | 7.5 | | 584,828 | 36,128 | 12,247 | 9,185 | | 302,300 |
| 68 | Orange | 170.5 | 20.5 | 7.5 | | 6.5 | 168,577 | 25,106 | 9,185 | | 7,960 | 99,213 |
| 68 | Chapel Hill | 176 | 22 | 8 | | 7 | 174,015 | 26,943 | 9,797 | | 8,573 | 103,313 |
| 74 | Pamlico | 77 | 32 | 11 | 8 | | 82,849 | 42,648 | 14,660 | 10,662 | | 52,150 |
| 72 | Pasquotank | 191 | 30 | 10.5 | 7.5 | | 199,954 | 38,902 | 13,616 | 9,725 | | 101,966 |
| 74 | Pender | 175.5 | 31 | 10.5 | 7.5 | | 188,831 | 41,315 | 13,994 | 9,996 | | 89,291 |
| 72 | Perquimans | 55.5 | 26 | 9 | 6.5 | | 58,102 | 33,715 | 11,670 | 8,429 | | 43,523 |
| 68 | Person | 214.5 | 25.5 | 9 | 6.5 | | 212,080 | 31,229 | 11,022 | 7,960 | | 123,431 |
| 70 | Pitt | 424.5 | 29.5 | 10 | 7.5 | | 432,056 | 37,191 | 12,607 | 9,455 | | 210,551 |
| 70 | Greenville | 183.5 | 25.5 | 9 | 6.5 | | 186,766 | 32,148 | 11,346 | 8,195 | | 102,195 |
| 68 | Polk | 80.5 | 21 | 7 | 5.5 | | 79,592 | 25,718 | 8,573 | 6,736 | | 56,762 |
| 68 | Tryon | 11.5 | 21 | 7 | 5.5 | | 11,370 | 25,718 | 8,573 | 6,736 | | 24,657 |
| 70 | Randolph | 472 | 27 | 9 | 6.5 | | 480,402 | 34,039 | 11,346 | 8,195 | | 228,849 |
| 70 | Asheboro | 148 | 23 | 8 | 5.5 | | 150,634 | 28,996 | 10,086 | 6,934 | | 84,279 |
| 74 | Richmond | 348.5 | 30.5 | 10.5 | 7.5 | | 374,972 | 40,649 | 13,994 | 9,996 | | 154,458 |
| 74 | Robeson | 535.5 | 35 | 12 | 9 | | 576,177 | 46,646 | 15,993 | 11,995 | | 228,663 |
| 74 | Fairmont | 71.5 | 31 | 10.5 | 7.5 | | 76,931 | 41,315 | 13,994 | 9,996 | | 49,975 |
| 74 | Lumberton | 153 | 27.5 | 9.5 | 6.5 | | 164,622 | 36,650 | 12,661 | 8,663 | | 76,209 |
| 74 | Maxton | | | | | | | | | | | |
| 74 | Red Springs | 42 | 27.5 | 9.5 | 6.5 | | 45,190 | 36,650 | 12,661 | 8,663 | | 36,247 |
| 74 | St. Pauls | 38.5 | 27.5 | 9.5 | 6.5 | | 41,424 | 36,650 | 12,661 | 8,663 | | 34,924 |
| 70 | Rockingham | 175 | 20.5 | 7.5 | | 6.5 | 178,115 | 25,844 | 9,455 | | 8,195 | 94,975 |
| 70 | Eden | 163.5 | 20.5 | 7.5 | | 6.5 | 166,410 | 25,844 | 9,455 | | 8,195 | 89,959 |
| 70 | Madison Mayodan | 88 | 20.5 | 7.5 | | 6.5 | 89,566 | 25,844 | 9,455 | | 8,195 | 57,026 |

FORMULA FOR DISTRIBUTION OF FUNDS

Post-Secondary Institutions

I. The following factors are used to distribute federal and state matching funds:

| | Point-range |
|--|-------------|
| A. Relative ability to pay | 15-52 |
| B. Concentration of number of students | 15-42 |
| C. Economic depressed areas | |
| 1. Economic depressed counties | 0-6 |
| 2. General employment by county | 3-12 |
| D. New Programs | 0-12 |
| Range of possible number of points | 0-124 |

II. Treatment of data

A. Relative ability to pay

County property tax valuation was obtained from the N. C. Department of Revenue, Tax Research Division. County population was obtained from the N. C. Department of Administration, Division of State Planning. County property tax valuation divided by county population equals tax valuation per capita. Points were allocated inversely so that the lowest tax value per capita received 52 points and the highest tax value per capita received 15 points with the others ranging between 15 and 42.

B. Concentration of number of students served

The number of students (high cost) served in 1978-1979 were reported by the institutions.

The number of students served divided by the sum of the vocational/technical and adult occupational enrollment equals a ratio of concentration of students. The lowest ratio was assigned a value of 15 points and the highest ratio a value of 42 points with the others ranging between 15 and 42.

C. Economic depressed areas

1. The latest data available from the U. S. Department of Commerce showing the counties designated as economically depressed and the reimbursement rate was used to assign point values of two (50% reimbursement) to six points (70% reimbursement). Those counties not designated as depressed received a value of zero.

2. The latest data available from the Employment Security Commission was used.

The lowest rate of general unemployment was assigned a value of 3 points and the highest rate of unemployment was assigned a value of 12 points with the other data ranging between 3 and 12.

D. New programs

The data was obtained from the local applications for 1980-1981. The number of new programs listed was divided by the number of programs offered by the institution to produce a ratio.

The lowest ratio was assigned a point value of 2 and the highest ratio a point value of 12 with the other ratios ranging between 2 and 12. Those institutions which did not list a new program were assigned a value of zero.

III. Calculation of funding for each institution

- A. The sum of point values of the five factors for each institution was determined. A column total was obtained and then percent to total was calculated.
- B. The total dollar amount for each category of disadvantaged, handicapped, subpart 2, and subpart 3 was multiplied separately by the ratio for each institution to determine the funding by category for each institution.
- C. For subpart 4 funds, a new ratio was calculated for each institution eligible for these funds. The point value of each eligible institution was added to produce a new column total and a new ratio was calculated. The new ratio applied to subpart 4 funds determined the amount of these funds each eligible institution would receive.
- D. The sum of disadvantaged, handicapped, subpart 2, and subpart 3, and subpart 4 funds gives the total funding for each institution.

IV. Calculation of federal/state participation of funding

The tax valuation per capita was used to designate the participation rate of federal and state funding. The highest per capita valuation was assigned a 45 percent federal participation and the lowest per capita valuation was assigned a 55 percent federal participation. The remaining per capita valuations were assigned rates between 45 and 55 percent.

TABLE: 27

POINTS EARNED THROUGH FORMULA
DISTRIBUTION FACTORS 1980-1981

POST SECONDARY

| | | Relative Ability To Pay | New Programs | Un- emp | EDA ¹ | COS ² | Total | Percent to Total |
|-------------------------|-----|-------------------------------|-----------------|------------|------------------|------------------|-------|------------------------|
| Anson Tech. College | 800 | 32 | 2 | 6 | 2 | 18 | 60 | .0162 |
| Asheville-Buncombe T.C. | 802 | 36 | 2 | 6 | 2 | 15 | 61 | .0165 |
| Beaufort Co. C.C. | 804 | 22 | 2 | 6 | 2 | 18 | 50 | .0135 |
| Bladen Tech. College | 806 | 40 | 8 | 9 | 4 | 18 | 79 | .0214 |
| Blue Ridge Tech. Coll. | 843 | 34 | 4 | 3 | 2 | 15 | 58 | .0157 |
| Brunswick Tech. College | 807 | | | | | | 0 | |
| Caldwell C.C. & T.I. | 808 | 40 | 2 | 3 | 2 | 18 | 65 | .0176 |
| Cape Fear T. Institute | 810 | 28 | 10 | 9 | 2 | 15 | 64 | .0173 |
| Carteret Tech. College | 812 | 34 | 8 | 9 | 2 | 15 | 68 | .0184 |
| Catawba Valley T.C. | 814 | 24 | 2 | 3 | 2 | 15 | 46 | .0125 |
| Central Carolina T.C. | 816 | 38 | 0 | 6 | 2 | 15 | 61 | .0165 |
| Central Piedmont C.C. | 818 | 22 | 4 | 3 | 2 | 18 | 49 | .0133 |
| Cleveland Co. T.I. | 820 | 38 | 0 | 6 | 2 | 15 | 61 | .0165 |
| Coastal Carolina C.C. | 858 | 48 | 0 | 9 | 2 | 15 | 74 | .0200 |
| Coll. of the Albemarle | 822 | 44 | 4 | 6 | 2 | 15 | 71 | .0192 |
| Craven Community Coll. | 824 | 42 | 0 | 6 | 2 | 24 | 74 | .0200 |
| Davidson Co. C.C. | 826 | 36 | 0 | 3 | 2 | 15 | 56 | .0152 |
| Durham Tech. Institute | 828 | 30 | 4 | 3 | 0 | 18 | 55 | .0149 |
| Edgecombe Tech. Inst. | 830 | 38 | 0 | 9 | 2 | 21 | 70 | .0190 |
| Fayetteville T. Inst. | 832 | 46 | 2 | 9 | 2 | 15 | 74 | .0200 |
| Forsyth Tech. Inst. | 834 | 24 | 2 | 3 | 2 | 15 | 46 | .0125 |
| Gaston College | 836 | 38 | 0 | 3 | 2 | 15 | 58 | .0157 |
| Guilford Tech. Inst. | 838 | 30 | 0 | 3 | 2 | 15 | 50 | .0135 |
| Halifax Co. C.C. | 840 | 42 | 0 | 12 | 4 | 18 | 76 | .0206 |
| Haywood Tech. College | 842 | 40 | 4 | 3 | 2 | 15 | 64 | .0173 |
| Isothermal C.Coll. | 844 | 36 | 4 | 6 | 2 | 15 | 63 | .0171 |
| James Sprunt T.Coll. | 846 | 34 | 0 | 6 | 4 | 27 | 71 | .0192 |
| Johnston Co. T. Inst. | 847 | 44 | 0 | 6 | 2 | 15 | 67 | .0181 |
| Lenoir Co. C. Coll. | 848 | 40 | 0 | 9 | 2 | 18 | 69 | .0187 |
| Martin Comm. College | 850 | 22 | 0 | 9 | 4 | 15 | 50 | .0135 |
| Mayland Tech. Coll. | 851 | 52 | 2 | 6 | 2 | 18 | 80 | .0217 |
| McDowell Tech. Coll. | 852 | 40 | 2 | 3 | 2 | 24 | 71 | .0192 |
| Mitchell Comm. College | 853 | 30 | 0 | 6 | 2 | 15 | 53 | .0144 |
| Montgomery Tech. Inst. | 854 | 34 | 0 | 3 | 0 | 15 | 52 | .0141 |
| Nash Tech. Institute | 856 | 34 | 12 | 9 | 2 | 21 | 78 | .0211 |
| Pamlico Tech. College | 860 | 46 | 0 | 12 | 4 | 21 | 83 | .0225 |
| Piedmont Tech. College | 861 | 15 | 0 | 9 | 4 | 21 | 49 | .0133 |
| Pitt Community College | 862 | 38 | 0 | 6 | 2 | 15 | 61 | .0165 |
| Randolph Tech. College | 864 | 34 | 4 | 3 | 2 | 24 | 67 | .0181 |
| Richmond Tech. Inst. | 866 | 44 | 2 | 6 | 2 | 18 | 72 | .0195 |
| Roanoke-Chowan T.I. | 868 | 44 | 0 | 9 | 2 | 15 | 70 | .0190 |
| Robeson Tech. Inst. | 870 | 46 | 4 | 12 | 6 | 21 | 89 | .0242 |
| Rockingham Comm. Coll. | 872 | 34 | 4 | 6 | 0 | 15 | 59 | .0160 |
| Rowan Tech. College | 874 | 34 | 4 | 3 | 2 | 15 | 58 | .0157 |
| Sampson Tech. College | 876 | 46 | 0 | 6 | 2 | 21 | 75 | .0203 |
| Sandhills C. College | 878 | 36 | 4 | 3 | 0 | 15 | 58 | .0157 |
| Southeastern C.Coll. | 880 | 46 | 0 | 9 | 4 | 15 | 74 | .0200 |
| Southwestern Tech. C. | 882 | 30 | 6 | 3 | 2 | 18 | 59 | .0160 |
| Stanly Tech. College | 883 | 32 | 6 | 3 | 2 | 15 | 58 | .0157 |
| Surry Comm. College | 884 | 32 | 0 | 6 | 2 | 15 | 59 | .0160 |
| Tech. Coll. of Alamance | 886 | 34 | 0 | 6 | 4 | 15 | 59 | .0160 |
| Tri-County Comm. Coll. | 888 | 48 | 6 | 9 | 4 | 15 | 72 | .0195 |
| Vance-Granville C.C. | 889 | 40 | 10 | 9 | 2 | 18 | 79 | .0214 |
| Wake Tech. College | 890 | 30 | 2 | 3 | 0 | 42 | 77 | .0209 |
| Wayne Comm. College | 892 | 42 | 0 | 6 | 2 | 21 | 71 | .0192 |
| Western Piedmont C.C. | 894 | 40 | 2 | 6 | 2 | 15 | 65 | .0176 |
| Wilkes Comm. College | 896 | 40 | 0 | 3 | 2 | 15 | 60 | .0162 |
| Wilson Co. Tech. Inst. | 898 | 32 | 8 | 12 | 2 | 21 | 75 | .0203 |
| Total | | | | | | | 3,693 | |

Unemp- General Unemployment, 1) EDA - Economically Depressed Counties, 2) COS- Concentration of Students Served.

TABLE: 28

ESTIMATES OF ALLOTMENTS OF FEDERAL AND
REQUIRED MATCHING FUNDS BY PURPOSE

POST SECONDARY 1980-1981

| | | Disad- vantaged | Handi- capped | Subpart 2 | Subpart 3 | Subpart 4 | Total | Percent Federal Funds |
|-------------------------|-----|--------------------|------------------|--------------|--------------|--------------|------------|-----------------------------|
| Anson Tech. College | 800 | 43,633 | 21,817 | 98,181 | 32,400 | | 196,031 | 45 |
| Asheville-Buncombe T.C. | 802 | 44,441 | 22,221 | 99,999 | 33,000 | 5,558 | 205,219 | 50 |
| Beaufort Co. C.C. | 804 | 36,361 | 18,180 | 81,818 | 27,000 | | 163,359 | 45 |
| Bladen Tech. College | 806 | 57,639 | 28,819 | 129,696 | 42,800 | 7,204 | 266,158 | 50 |
| Blue Ridge Tech. Coll. | 843 | 42,289 | 21,143 | 95,151 | 31,400 | | 189,983 | 48 |
| Brunswick Tech. College | 807 | | | | | | 0 | |
| Caldwell C.C. & T.I. | 808 | 47,404 | 23,702 | 106,666 | 35,200 | | 212,972 | 50 |
| Cape Fear T. Institute | 810 | 46,596 | 23,298 | 104,848 | 34,600 | 5,828 | 215,170 | 45 |
| Carteret Tech. College | 812 | 49,559 | 24,779 | 111,515 | 36,800 | 6,197 | 228,850 | 48 |
| Catawba Valley T.C. | 814 | 33,667 | 16,834 | 75,757 | 25,000 | | 151,258 | 45 |
| Central Carolina T.C. | 816 | 44,441 | 22,221 | 99,999 | 33,000 | 5,558 | 205,219 | 50 |
| Central Piedmont C.C. | 818 | 35,822 | 17,911 | 80,605 | 26,600 | | 160,938 | 45 |
| Cleveland Co. T.I. | 820 | 44,441 | 22,221 | 99,999 | 33,000 | | 199,661 | 50 |
| Coastal Carolina C.C. | 858 | 53,868 | 26,934 | 121,212 | 40,000 | 6,739 | 248,753 | 55 |
| Coll. of the Albemarle | 822 | 51,713 | 25,857 | 116,363 | 38,400 | 6,468 | 238,801 | 55 |
| Craven Community Coll. | 824 | 53,868 | 26,934 | 121,212 | 40,000 | 6,739 | 248,753 | 52 |
| Davidson Co. C.C. | 826 | 40,940 | 20,470 | 92,121 | 30,400 | | 183,931 | 48 |
| Durham Tech. Institute | 828 | 40,132 | 20,066 | 90,302 | 29,800 | | 180,300 | 45 |
| Edgecombe Tech. Inst. | 830 | 51,175 | 25,587 | 115,151 | 38,000 | 6,371 | 236,284 | 50 |
| Fayetteville T. Inst. | 832 | 53,868 | 26,934 | 121,212 | 40,000 | | 242,014 | 55 |
| Forsyth Tech. Inst. | 834 | 33,667 | 16,834 | 75,757 | 25,000 | | 151,258 | 45 |
| Gaston College | 836 | 42,286 | 21,143 | 95,151 | 31,400 | | 189,980 | 50 |
| Guilford Tech. Inst. | 838 | 36,361 | 18,180 | 81,818 | 27,000 | | 163,359 | 45 |
| Halifax Co. C.C. | 840 | 55,464 | 27,742 | 124,848 | 41,200 | 6,932 | 256,206 | 52 |
| Haywood Tech. College | 842 | 46,596 | 23,298 | 104,848 | 34,600 | | 209,342 | 52 |
| Isothermal C. Coll. | 844 | 46,057 | 23,029 | 103,636 | 34,200 | 5,732 | 212,654 | 52 |
| James Sprunt T. Coll. | 846 | 51,713 | 25,857 | 116,363 | 38,400 | | 232,333 | 48 |
| Johnston Co. T. Inst. | 847 | 48,751 | 24,375 | 109,696 | 36,200 | | 219,022 | 52 |
| Lenoir Co. C. Coll. | 848 | 50,367 | 25,183 | 113,333 | 37,400 | 6,293 | 232,576 | 50 |
| Martin Comm. College | 850 | 36,361 | 18,180 | 81,818 | 27,000 | 4,551 | 167,910 | 45 |
| Mayland Tech. Coll. | 851 | 58,447 | 29,223 | 131,515 | 43,400 | 7,281 | 269,866 | 55 |
| McDowell Tech. Coll. | 852 | 51,713 | 25,857 | 116,363 | 38,400 | 6,468 | 238,801 | 52 |
| Mitchell Comm. College | 853 | 38,785 | 19,392 | 87,272 | 28,800 | 4,822 | 179,071 | 45 |
| Montgomery Tech. Inst. | 854 | 37,977 | 18,988 | 85,454 | 28,200 | | 170,619 | 48 |
| Nash Tech. Institute | 856 | 56,831 | 28,415 | 127,878 | 42,200 | 7,107 | 262,431 | 48 |
| Pamlico Tech. College | 860 | 60,601 | 30,301 | 138,363 | 45,000 | 7,571 | 279,836 | 55 |
| Piedmont Tech. College | 861 | 35,822 | 17,911 | 80,633 | 26,600 | 4,473 | 165,439 | 45 |
| Pitt Community College | 862 | 44,441 | 22,221 | 99,999 | 33,000 | 5,558 | 205,219 | 50 |
| Randolph Tech. College | 864 | 48,751 | 24,375 | 109,696 | 36,200 | | 219,022 | 48 |
| Richmond Tech. Inst. | 866 | 52,521 | 26,261 | 118,181 | 39,000 | 6,565 | 242,528 | 52 |
| Roanoke-Chowan T.I. | 868 | 51,175 | 25,587 | 115,151 | 38,000 | 6,371 | 236,284 | 52 |
| Robeson Tech. Inst. | 870 | 65,181 | 32,589 | 146,666 | 48,400 | 8,110 | 300,946 | 55 |
| Rockingham Comm. Coll. | 872 | 43,094 | 21,547 | 96,969 | 32,000 | 5,383 | 198,993 | 48 |
| Rowan Tech. College | 874 | 42,286 | 21,143 | 95,151 | 31,400 | | 189,980 | 48 |
| Sampson Tech. College | 876 | 54,676 | 27,338 | 123,030 | 40,600 | 6,836 | 252,480 | 55 |
| Sandhills C. College | 878 | 42,286 | 21,143 | 95,151 | 31,400 | | 189,980 | 48 |
| Southeastern C. Coll. | 880 | 53,868 | 26,934 | 121,212 | 40,000 | | 242,014 | 55 |
| Southwestern Tech. C. | 882 | 43,094 | 21,547 | 96,969 | 32,000 | | 193,610 | 45 |
| Stanly Tech. College | 883 | 42,286 | 21,143 | 95,151 | 31,400 | | 189,980 | 45 |
| Surry Comm. College | 884 | 43,094 | 21,547 | 96,969 | 32,000 | 5,015 | 198,625 | 50 |
| Tech. Coll. of Alamance | 886 | 43,094 | 21,547 | 96,969 | 32,000 | 5,383 | 198,993 | 48 |
| Tri-County Comm. Coll. | 888 | 52,521 | 26,261 | 118,181 | 39,000 | 6,565 | 242,528 | 55 |
| Vance-Granville C.C. | 889 | 57,639 | 28,819 | 129,696 | 42,800 | 7,204 | 266,158 | 52 |
| Wake Tech. College | 890 | 56,292 | 28,146 | 126,666 | 41,800 | | 252,904 | 45 |
| Wayne Comm. College | 892 | 51,713 | 25,857 | 116,363 | 38,400 | | 232,333 | 52 |
| Western Piedmont C.C. | 894 | 47,404 | 23,702 | 106,666 | 35,200 | 5,926 | 218,898 | 50 |
| Wilkes Comm. College | 896 | 43,633 | 21,817 | 98,181 | 32,400 | | 196,031 | 55 |
| Wilson Co. Tech. Inst. | 898 | 54,676 | 27,338 | 123,030 | 40,600 | 6,836 | 252,480 | 50 |
| Total | | 2,693,401 | 1,346,698 | 6,060,600 | 2,000,000 | 193,644 | 12,294,343 | |

TABLE: 29
 LEVEL: Post-secondary
 POINTS EARNED THROUGH FORMULA DISTRIBUTION FACTORS
 AND AN ANALYSIS OF ESTIMATED ALLOTMENTS FOR SELECTED INSTITUTIONS

| Factors and Analysis | Lowest - Total Points | | Number of Students Served | | Highest - Total Points |
|---|------------------------------------|-----------------------------------|------------------------------------|------------------------------|-----------------------------------|
| | Lowest | Total Points | Lowest | Highest | |
| Relative Ability to Pay | 24 | 24 | 36 | 30 | 46 |
| Concentration of Number of Students | 15 | 15 | 15 | 42 | 21 |
| Economic Dpressed Areas EDA Counties | 2 | 2 | 2 | 0 | 6 |
| General Unemployment | 3 | 3 | 6 | 3 | 12 |
| New Programs | 2 | 2 | 4 | 2 | 4 |
| Total Points | 46 | 46 | 63 | 77 | 89 |
| Total Allotment | \$151,258 | \$151,258 | \$212,654 | \$252,904 | \$300,946 |
| Number of High Cost Students Served | 715 | 1069 | 64 | 3891 | 1241 |
| Average Allotment per Student | \$211.55 | \$141.49 | \$3322.74 | \$65.00 | \$242.00 |
| Number of Programs Offered | 30 | 32 | 19 | 27 | 23 |
| Average Allotment per Program | \$5041.93 | \$4726.81 | \$11,192.32 | \$9366.81 | \$13,084.61 |
| Institution | Catawba Valley Tech. College | Forsyth Technical Institute | Isothermal Community College | Wake Technical College | Robeson Technical Institute |

FY 1982 ALLOTMENTS TO RECIPIENTS

Data shown in tables 23, 24, and 28 on pages 127, 132, and 142 can be used as an indication of allotments to recipients for FY 1982.

The reason that allotments have not been calculated for FY 1982 is that the formulas, for secondary and postsecondary, used to calculate the allotments contain factors that are variable annually. It would be unrealistic to calculate allotments for FY 1982 using existing data. Reference to the above designated tables will provide as close an indication of allotments for FY 1982 as can be determined at this time.

Allotments for FY 1982 will be submitted after later data are available to calculate the allotments.

RESULTS OF COORDINATION OF VOCATIONAL EDUCATION
PROGRAMS WITH EMPLOYMENT AND TRAINING PROGRAMS

1. A position of coordinator has been established in each of Department of Public Instruction and Department of Community Colleges. The offices function in liaison capacity between vocational/technical education and employment training programs.
2. A representative from the State Employment and Training Council sits on the Vocational Education State Plan Committee.
3. Local plans, applications, and accountability reports require assurances that local plans were made in consultation with prime sponsors in local areas. Community action groups receiving CETA funds will require planning involving local school personnel.
4. Vocational/Technical Education State staff coordinate regularly with staff of State Employment and Training Council through established committees and special meetings.
5. Representatives of the State Employment and Training Council and the State Board sit on State Occupational Information Coordinating Committee (SOICC).
6. \$2,000,000 of CETA funds awarded to support the secondary extended day program.
7. A joint meeting was held on May 3, 1978 between the North Carolina Employment and Training Council and the State Board of Education. At this meeting a joint resolution was passed, agreeing to continue and expand cooperation and to encourage their staffs to review policy and program issues and develop recommendations leading toward the goal of a comprehensive program of education and employment training for North Carolina.
8. Staff members of the Department of Public Instruction and the Department of Community Colleges serve as members of the Title IV CETA Committee. The State Director of Vocational Education is the chairman of the committee.
9. Sixteen local education agencies received allocations of \$49,093.00 each to conduct an education work experience program for disadvantaged youth beginning with the second semester of the 1978-79 school year. The program has been continued for October 1979 - September 30, 1980, with each of the sixteen local education agencies receiving \$73,977. The program will operate through the regular school year and the summer and will have early start up in the fall of 1980. It will involve a minimum of 240 students. The major thrust is to provide students an opportunity to earn while they learn. Evaluation of results is an important component of the project. A half-time program specialist (evaluator) and a half-time secretary are employed to coordinate evaluation of the project. Workshops have been held for the participating schools. Workshop participants included local directors, teachers and state staff. The project is limited to balance of state units.

10. A CETA funded linkage project involving a secondary school system, a postsecondary institution and the business community is currently being conducted. The results are to be disseminated to other local education agencies and postsecondary institutions.
11. A CETA funded staff development project for teachers/counselors of disadvantaged students is in the developmental stages. The project will involve approximately 300 teachers/counselors at the secondary and postsecondary levels.
12. The following number of students were served under the 6% vocational education CETA funds: individual referrals, 2625; class-size vocational programs, 1910; adult basic education, 3510; job development and placement services, 650; and counseling services, 1330. There were 175 individual referrals to private schools.

ACTIVITIES OF SEX EQUITY PERSONNEL

Secondary

- I. The North Carolina State Board of Education believes in the provision of vocational education programs which enhance the equal opportunity of female and male students to enter and participate. Based on this belief, and the 1976 Vocational Education Amendments, the following section is devoted to setting forth responsibilities at the State and local level for eliminating sex bias, stereotyping, and discrimination.

STATE LEVEL RESPONSIBILITIES

1. Provide expertise on the issue and how it relates to curriculum, job placement, orientation procedures, and in-service to LEAs, SACVE, interested individuals, etc.
2. Gather and analyze data on the makeup of faculty and classes by sex and provide this data and other pertinent information dealing with the issue of sex equity to local educational agencies, and other interested groups and individuals.
3. Provide incentives for the development of model programs which address sex equity and programs which encourage enrollment of both women and men in nontraditional courses of study.
4. Provide expertise to LEAs about pertinent Title IX information including the Title IX complaint process.

LOCAL LEVEL RESPONSIBILITIES

1. Adopt policies which will speak to the elimination of sex discrimination in the hiring, firing, and promotion of personnel and in the selection of students for vocational courses.
2. Set forth a list of strategies that can be employed in the LEA to:
 - a. make students and teachers aware of sex bias
 - b. orient students to vocational courses in a sex-affirmative manner
 - c. integrate sex equity activities into regular curricular offerings where appropriate
 - d. provide follow-up to students who have been trained in a nontraditional area
 - e. help vocational student organizations understand what can be done to help in orienting students about different vocational programs and supporting students who have gone into nontraditional occupations.
3. Help create awareness of the Title IX compliance procedures including the complaint process, the self-evaluation, and the appointment of a Title IX coordinator.

ACTIVITIES OF SEX EQUITY PERSONNEL

- II. This section is a description of the past year's activities. They are keyed to the ten functions as set forth in section 104.75.

FUNCTION A - Take action necessary to create awareness of programs and activities in vocational education designed to reduce sex bias and sex stereotyping in all vocational education programs, including assisting the State Board in publicizing the public hearing on the State Plan in accordance with 104.165(a).

Strategies Used to Accomplish Function

1. *Sponsored summer institute each June.* The purpose of the institute was to train LEA personnel to conduct in-service sessions on sex bias in public education.
2. *Made presentations at Vocational Education Summer Conference.* These presentations ranged from curriculum input to awareness sessions about the subject of sex bias.
3. *Met with local directors of vocational education.* A discussion was held on enrollment by sex in their different courses, their Local Plans to Promote Sex Equity, their registrations procedures, the materials used in courses, etc.
4. *Sponsored a teacher education conference.* The purpose of this conference was to create awareness of sex bias, to compare what each institution is doing to promote sex equity, and to encourage progress toward sex fair curricula and awareness of the entire faculty.
5. *Sponsored eight planning workshops for LEAs.* The purpose of these workshops was to provide technical assistance to LEAs in the preparation of Local Plans to Promote Sex Equity and in the preparation of the Title IX self-evaluation. These workshops transpired during February, March, and April of 1980. Two in each of four regions were held.
6. *Held various workshops across the state.* In the general role of a resource person on sex equity, LEAs frequently called for help in providing workshops on the use of biased materials, how to recruit nontraditional students, etc.
7. *Continually provided staff development at the SEA level.* Through staff assessments, much work has been done to try to keep sex equity before the eyes of the state staff.
8. *Initiated meeting with business and industry personnel.* At this meeting, we explored the production of a resource book on nontraditional workers and looked into how businesses could encourage schools in training nontraditional students.
9. *Ensured that LEAs will address equal access area in their plans for the future.* Efforts have been made to ensure that LEAs will

address the equal access area in developing their plans for guidance by working with the Division of Pupil Personnel and their master plan for guidance.

10. *Assured that women's groups were on the mailing list for public hearings for the State Plan.*

FUNCTION B - Gather, analyze, and disseminate data on the status of men and women students and employees in vocational education programs of the state.

Strategies Used to Accomplish Function

1. *Produced status report.* This report is an analysis of the male/female enrollment in vocational courses over a five year period and by region. The male/female employment makeup for vocational employees is also included.
2. *Highlighted outlook for nontraditional students.* Through business and industry contacts, the perceptions of nontraditional students and workers were gathered and explored.
3. *Disseminated status report.* This report was sent to state staff, NACVE, the Commissioner of Education, Sex Equity Coordinator, Council on the Status of Women, teachers, teacher educators, superintendents, and local vocational education directors.

FUNCTION C - Develop and support actions to correct problems brought to the attention of this personnel through activities carried out under paragraph (b) and carried out under 104.76, including creating awareness of the Title IX complaint process.

Strategies Used to Accomplish Function

1. *Produced a curriculum resource booklet.* Through the cooperation and work of the Region IV Sex Equity coordinators and teacher educators at Fayetteville State University, East Carolina University, and UNC-G, a booklet was produced. It acted as a training tool for curriculum writers in all vocational program areas.
2. *Sponsored eight planning workshops for LEAs.* Refer to A-5.
3. *Made presentations emphasizing the "recommendation" section of the Annual Status Report.* These presentations were made to teachers, local vocational administrators, State Advisory Council on Education members, etc. The recommendations included continued in-service, curriculum infusion, support systems, orientation systems, and affirmative action.

FUNCTION D - Review the distribution of grants and contracts by the State Board to assure that the interests and needs of women are addressed in all projects assisted under this act.

Strategies Used to Accomplish Function

1. *Reviewed local applications for sex equity.* Through meetings with local directors, the suggested format for the Local Plan to Promote Sex Equity was discussed. When local applications were received by the Division of Vocational Education in May, they were reviewed for sex equity.
2. *Sponsored eight planning workshops.* Technical assistance in writing a plan to promote sex equity was given at these workshops. (Refer to A-5.)

FUNCTION E - Review all vocational education programs (including work-study programs, cooperative vocational education programs, apprenticeship programs, and the placement of students who have successfully completed vocational education programs) in the state for sex bias.

Strategies Used to Accomplish Function

1. *Continually in-serviced state staff on sex equity.* Through individual program area and division-wide meetings, the state staff was continually in-serviced on sex equity. They, in turn, reviewed individual vocational programs for sex bias during their on-site visits and reviews.
2. *Produced a status report.* This report contained a special section on work-study, cooperative apprenticeship, and placement of vocational students.
3. *Constantly monitored the program review materials to ensure that sex equity was addressed.*
4. *Discussed with local directors their plans to promote sex equity.* When meeting with local directors, we discussed specific vocational programs concerning their plan to promote sex equity.
5. *Checked one, three, and five year follow-up on a sample basis to determine the success rate of nontraditional students.*

FUNCTION F - Monitor the implementation of laws prohibiting sex discrimination in all hiring, firing, and promotion procedures within the state relating to vocational education.

Strategies Used to Accomplish Function

1. *Reviewed the agency-affirmative action plan.* Recommendations were made as to how the plan could be improved or better implemented.
2. *Monitored program review activities.* The program review activities were monitored especially the supportive services element dealing with reviewing LEA hiring, firing, and promotion procedures.
3. *Produced Annual Status Report.* An Annual Status Report was produced in which the hiring patterns for teachers, local directors, and state staff were examined.

FUNCTION G - Assist local educational agencies and other interested parties in the state in improving vocational education opportunities for women.

Strategies Used to Accomplish Function

1. *Sponsored summer institute each June. Refer to A-1.*
2. *Sponsored eight planning workshops. Refer to A-5.*
3. *Held various workshops around state. Refer to A-6.*
4. *Sponsored teacher education conference. Refer to A-4.*
5. *Bank of women's names was established. Through contacts around the state, a bank of women's names has been established to encourage more women into vocational administration.*

FUNCTION H - Make available to the State Board, the State Advisory Council, the National Advisory Council on Vocational Education, the State Commission on the Status of Women, the Commissioner, and the general public, including individuals and organizations in the state concerned about sex bias in vocational education, information developed under this section.

Strategies Used to Accomplish Function

1. *Produced Annual Status Report and made it available to:*

*State Board
State Advisory Council
National Advisory Council
Council on the Status of Women
Commissioner of Education
General Public*

FUNCTION I - Review the self-evaluations required by Title IX.

Strategies Used to Accomplish Function

1. *Received the Title IX self-evaluations from LEAs and the state agency.*
2. *Reviewed and provided technical assistance through regional meetings and workshops about how a Title IX self-evaluation is conducted and documented.*

FUNCTION J - Review and submit recommendations with respect to overcoming sex bias and sex stereotyping in vocational education programs for the Five-Year State Plan and its annual program plan prior to their submission to the Commissioner for approval.

Strategies Used to Accomplish Function

1. *Met with Vocational Education State Plan Committee. The State Plan was analyzed with the help of women's groups to determine if all appropriate sex equity areas were being met.*
2. *Made recommendations concerning changes in State Plan during its development.*

ACTIVITIES OF SEX EQUITY PERSONNEL

Post-Secondary

- I. Section 104.187(a)(1) of the Rules and Regulations requires that the State Plan set forth a detailed description of actions taken to overcome sex discrimination and sex stereotyping in all State and local vocational education programs.

The following is a listing of the responsibilities at the State and local levels for eliminating sex bias, discrimination and stereotyping.

State Level Responsibilities

1. Respond to institutional needs in promoting sex equity through recruiting, admissions, program development, counseling, and inservice training.
2. Provide consultation and advice for expanding educational opportunities for men and women in nontraditional education.
3. Analyze and disseminate data and other pertinent information dealing with the issue of sex equity.
4. Advise on the development of model programs and assist in inservice training.

Local Level Responsibilities

1. Institutions will adopt policies which will be directed toward the elimination of sex discrimination in the hiring, firing, and promotion of personnel and in the admission of students to vocational and technical programs.
2. Develop strategies which can be used to:
 - a. make students and teachers aware of sex bias.
 - b. orient students to vocational courses in a sex-affirmative manner.
 - c. integrate sex equity activities into regular curricular offering where appropriate.
 - d. provide follow-up studies on students who have trained in a nontraditional area.
 - e. help vocational student organizations understand what can be done to help in orienting students about different vocational programs and supporting students who have gone into nontraditional occupations.

- II. This section is a description of the past year's activities. They are keyed to the ten functions as set forth in section 104.75.

FUNCTION (A): Take such action as may be necessary to create awareness of programs and activities in vocational education that are designed to reduce sex stereotyping in all vocational education programs.

Strategies Used to Accomplish Function

1. Presidents, Deans of Instruction, and Title IX Coordinators at the post-secondary institutions have been kept informed of the establishment of the Office of Sex Equity, its location, purpose, and functions.
2. Created and disseminated posters to all community colleges and technical institutes depicting changes in the role of today's woman.
3. Created and disseminated a newsletter three times yearly featuring articles on the changing roles of men and women, changes in the labor force, new policy interpretations, students enrolled in nontraditional courses of study, and achievements made by men and women in the North Carolina Community College System.
4. Designed and presented six regional workshops to reintroduce the Office of Sex Equity to all institutions and to discuss new development in the sex equity programs and in federal laws and regulations.

FUNCTION (B): Gathering, analyzing, and disseminating data on the status of men and women, students and employees in the vocational education programs of that state.

Strategies Used to Accomplish Function

1. Reestablished and maintained a working relationship with the Division of Management Information Systems to gather information that is collected by them.
2. Analyzed numbers and percentages of participation of men and women in vocational education programs and in employment programs in current and previous years to provide historical perspective for the system.
3. Participated in the gathering, analyzing, and disseminating of data for a report entitled, "Upgrading Minorities--Patterns and Trends: 1970-1979." Specifically, the Office of Sex Equity worked on the portion of the report that dealt with enrollments of women and men in nontraditional programs; hiring, promotion, and termination patterns in employment with special attention to sex equity; and the participation of women on local boards of trustees.
4. Provided a written special report on sex equity in student enrollment and staff employment.

FUNCTION (C): Assist in the development of programs and actions necessary to correct problems brought to the attention of the State Board through activities carried out under (function) c and 104.76, including creating awareness of Title IX complaint process.

Strategies Used to Accomplish Function

1. Planned a project with officials of institutions on writing recruitment and counseling materials intended as a model for recruiting, enrolling, and counseling men and women in nontraditional education. This model is planned for distribution to all institutions of the North Carolina Community College System and for possible dissemination to vocational education sex equity coordinators in all other states.
2. Recommended and received approval that sex equity be placed as a research priority under the aegis of the Office of Program Improvement.
3. Provided technical assistance to applicants interested in applying for a research grant in sex equity.
4. Acted as consultant in project concerning the "methods of administration" of a statewide compliance project recently required by the Department of Health, Education, and Welfare.
5. Discussed in accordance with vocational education regulations the Title IX complaint process (i.e. a grievance procedure which may be initiated locally and registered with the Department of Health, Education, and Welfare) with institutional representatives in a workshop and by advisory follow-up letter.

FUNCTION (D): Assist in the review of grants made by the State Board to assure that the interests and needs of women are addressed in all projects assisted under the Act.

Strategies Used to Accomplish Function

1. Renewed a standing request that the Office of Program Improvement forward research contracts to the sex equity office for review.
2. Reviewed institutions' applications for vocational education money for their commitment to and efforts in sex equity.

FUNCTION (E): Review all vocational education programs in the State for sex bias.

Strategies Used to Accomplish Function

1. Prior to any routine institutional visit, a review of the enrollment of all vocational education programs of that institution was conducted. Computer printout figures subsequently were discussed as appropriate with institutional officials.

2. A system-wide check of randomly selected vocational education programs was conducted and enrollment figures for 1978-79 were compared in those programs with enrollment figures for 1975-76 in order to assess progress of male/female enrollments in nontraditional programs.

FUNCTION (F): Monitor the implementation of laws prohibiting sex discrimination in all hiring, firing, and promotion procedures within the State relating to vocational education.

Strategies Used to Accomplish Function

1. Visited institutions at their request to assist with interpretation of Title IX regulations and other related compliance regulations.
2. Reviewed institutions' affirmative action plans (housed in office adjacent to the sex equity office) for their policies and procedures vis-a-vis fair employment practices.

FUNCTION (G): Assist local educational agencies and other interested parties in the State in improving vocational education opportunities for women.

Strategies Used to Accomplish Function

1. Continued operation of a clearinghouse of materials offered as a service to institutions and other interested parties.
2. Consulted with several representatives of institutions about ideas for local sex equity programs and for special local projects.

FUNCTION (H): Make available to the State Board, the State Advisory Council, the National Advisory Council on Vocational Education, the State Council on the Status of Women, the Commissioner, and the general public, information developed under this section.

Strategies Used to Accomplish Function

1. The second annual edition of "Upgrading Minorities" was distributed to all of the above as was the first edition.
2. An oral presentation was made to the State Advisory Council concerning the activities and plans of the sex equity office.
3. Contact with the State Council on the Status of Women was maintained; their participation was invited in special projects of the sex equity office.
4. A special report on the sex equity program was prepared for and presented to the local chapter of the Women's Equity Action League.
5. A special report on future needs of women participating in community/technical college education was prepared for the U. S. President's Advisory Committee for Women.

FUNCTION (I): Review the self-evaluations required by Title IX.

Strategies Used to Accomplish Function

All Title IX self-evaluations have been reviewed. Recommendations have been noted on each evaluation and are discussed with officials during institutional visits.

FUNCTION (J): Review and submit recommendations with respect to overcoming sex bias and sex stereotyping in vocational education programs for the five-year State Plan and its annual program plan prior to their submission to the Commissioner for approval.

Strategies Used to Accomplish Function

1. Met with the Vocational Education State Planning Committee during the development of the State Plan.
2. Signed-off on annual State Plan for Vocational Education.

COMMENTS AND RESPONSES
VOCATIONAL EDUCATION STATE PLAN COMMITTEE

Mrs. Laurette Parker, the State Advisory Council on Education representative to the committee, presented a list of sex equity concerns as they apply to the State Plan. These concerns were voiced by womens' groups and are presented for consideration by the State Board.

Comment No. 1: In the Demographic Section of the FY 1980 Plan there is little mention of the specific needs of women.

RECOMMENDATION: Because sex equity is such an important issue, a profile showing womens' educational level, income level, type of jobs, and the gap between womens' and mens' earnings in the different areas should be inserted to highlight the needs of women.

Response: The State Board concurs that sex equity is an important issue in vocational education. Income levels, by men and women, and types of jobs held are determined largely in the market place; however, vocational education is increasingly responsive to the needs of individuals by race, sex, and handicap in preparing them for more skilled and better paying jobs. The 1980 Census should provide more detailed data on education, jobs, and income of women.

Interim data from March 1978 Current Population Survey, conducted by the Census Bureau, reveal the following highlights on this concern:

- . In 1978, 16% of North Carolina men and 12% of women over age 25 had completed 4 years of college. This is up from 10% and 7% respectively in 1969.
- . For 14 year olds and over working full time year round in 1977, the North Carolina median income for men was \$11,063 while median income for women was \$7,900. Womens' median income was 71.4% that of men.
- . Table 7(b) has been added to the Plan to provide additional information on number of women working in major occupational groupings.

Comment No. 2: If the Master Plan is to be included in the plan, sex equity should be given a higher profile.

Response: The Master Plan is not to be included in the FY 1981-1982 State Plan.

Comment No. 3: Five Year Plan - Policies and Procedures (I. B-11) for equal access are weak.

RECOMMENDATIONS:

- (A) Plans for assuring equal access will be sent into the Division of Vocational Education with the annual applications. These will be reviewed by the consultant for sex equity.

- (B) Information concerning non-traditional occupations will be promoted through the use of media, guest speakers, etc. This information can be disseminated as students learn about new courses and careers.

Response:

- (A) The State Board understands the need to have the Plan for assuring equal access reviewed each year. A system has now been developed where the consultant for sex equity meets with local directors over the year to review these plans. This system has been implemented as of January 1980.

In the postsecondary local application, Part V, comments are required indicating what will be done to insure equal access to programs and what will be done to reduce sex stereotyping. The applications are reviewed by the sex equity coordinator.

- (B) The five groups of policies and procedures listed in Section I. B-11 of the Five Year Plan appear to be adequate for this purpose.

Comment No. 4: Section 11.3 - Five Year Plan. The incentives for model programs are very weak.

RECOMMENDATION: Monetary incentives in the form of grant awards should be instituted.

Response:

A portion of the funds for Research and Exemplary projects will be used for grant awards to eliminate sex bias and sex stereotyping. Criteria will be established for the selection of projects and awarding of grants.

Comment No. 5: Page 28 - FY 1980 Plan. Continuous evaluation of programs, completers, and leavers.

RECOMMENDATION: This sentence should be added, "In order to strengthen our commitments to sex equity, a special effort will be made to evaluate the needs of non-traditional completers and leavers so it will be possible to reduce the bias and discrimination these students face."

Response:

This recommendation is accepted in spirit but not in letter. Vocational education, by state and federal law, has an obligation to serve the needs of many special populations (i.e., women, members of minority groups, handicapped persons, disadvantaged persons, and persons of limited English-speaking ability). The spirit of the recommendation is incorporated in the section of this Plan which describes the goals for carrying out the mission of vocational education.

In the FY 1981 Plan, the State Board will include the following statement as one of the services to local agencies: (See Page 27)

Continuous evaluation of programs, including follow-up of completers and leavers, with emphasis on evaluating the effectiveness of vocational education

in serving the needs of special populations, including students pursuing jobs in areas classified as "non-traditional" for them.

Comment No. 6: Page 51 - FY 1980 Plan. It is mentioned in the benefits column that consumer and homemaking programs will be responsive to promoting sex equity.

RECOMMENDATION: This section (c) under Subpart 5 should be moved to activities column and have monies assigned to it. Sex equity is mentioned prominently in the top two purposes of programs in consumer and homemaking education (Federal Register, p. 53851, October 3, 1977).

Response: This recommendation is accepted in part in that the section (c) under Subpart 5 (Consumer and Homemaking) is moved from the benefits column to the activities column in the FY 1981 and 1982 Plans. However, no specific funds are allocated to this activity since the suggested activities are already encompassed in guidance and counseling, recruitment and student registration, curriculum, materials and methods of instruction.

Examples of activities already underway are: A staff development activity, a curriculum product revised to attend to sex stereotyping, and the purchase of sex equity resource materials for use of teachers, teacher educators and others in region-based centers could be specified with actual monies. Also, a ten-week summer intern has been approved for Home Economics Education to provide specific sex equity services in 1980-81. The male enrollment in home economics courses has increased to an average of 20% and ranges from 5-50%, depending on the particular course. The family life education course enrollment is usually 50-50.

Comment No. 7: Page 93 - FY 1980 Plan. It is mentioned that there is an increase in the amount of funding for adult programs.

RECOMMENDATION: Part of these increased monies be used in adult programs to help students in secondary programs in support services for women, day care services, and programs for heads of households.

Response: The secondary level of Consumer and Homemaking Education has very limited activities with adult education, yet some program guidelines are to be revised in this area for FY 1981. More attention will be given to adult education topics appropriate for young adults, changing roles of working wives/mothers and their spouses; to single parents with management and coping problems, and to adolescent parents and youth who need support services from related agencies to cope with their daily lives. Linkage will be established more closely with programs for these target groups. Career counseling workshops for homemakers and future homemakers will be a vital program thrust in FY 1981 in cooperation with guidance personnel, the Council on the Status of Women, and CETA projects, for example.

The comment stated in the FY 1980 Plan, referred to a reduction of enrollment and funding from the postsecondary line and an identical increase of enrollment and funding in the adult line. This was necessary because in the five-year plan the long term enrollment and funding data was included on the postsecondary line and designated (VOC) vocational. To make subsequent analyses, it was necessary to remove the vocational data from the postsecondary line and include it with the adult data. Additional funds were not involved, just a reduction from postsecondary and a corresponding increase in adult.

Comment No. 8: Page 101 - FY 1980 Plan. The local level responsibilities for sex equity need revisions and should include:

RECOMMENDATIONS:

- (A) A method for the sex equity consultant to adequately monitor and give assistance regarding the list of strategies referred to in #2. A suggestion is that the list of strategies be sent in with the annual application in May of each year.
- (B) A statement concerning the issue of how a LEA will set forth strategies to insure female participation on the local advisory council.

Response:

- (A) As was mentioned in Response #3, a system for review of plans has been developed and is in place.
- (B) The State Board accepts this item as important. The makeup of the Local Advisory Council is mentioned in these three areas: (1) The listing in the Local Application of all Local Advisory Council members by race and sex, (2) A memo to Local Directors dated January 9, 1980 which states that all Local Advisory Councils should have "appropriate representation of both sexes and an appropriate representation of the racial and ethnic minorities . . .", (3) The wording of the certification for vocational education advisory councils for the FY 1982 local application will be changed to show greater commitment to this effort and will reflect federal requirements as to representation on committees.

PUBLIC HEARING ON FY 1981-1982
ANNUAL PLAN AND FY 1979 ACCOUNTABILITY REPORT
COMMENTS AND RESPONSES

Comment No. 1: It is recommended that the State Board of Education develop and implement a comprehensive evaluation system.

Response: The State Board accepts this recommendation which has already been implemented. See the FY 1979 Accountability Report for a detailed response.

Comment No. 2: We request that the North Carolina State Plan for Vocational Education, beginning with the 1980-81 school year, be amended to allow the use of the basic disadvantaged and handicapped funds for consumer and homemaking education, including in-service training of teachers and curriculum development.

Response: The North Carolina State Plan for Vocational Education, beginning with the 1980-81 school year, will include the use of basic disadvantaged and handicapped funds for eligible vocational education programs which include Consumer and Homemaking Education.

Comment No. 3: A relative cost/analysis system should be developed for each vocational program based on the variable costs of operating programs.

Response: The type of data needed to develop a relative cost/analysis system for determining variable operating cost of vocational programs has not been collected to date. Due to changes in the financial and student reporting systems that are currently taking place, the possibility for hard data to use in an analysis may be possible. There are several studies in progress at this time, one of which is considering this type of "add-on-weight" for vocational programs in determining allocations of funds.

Comment No. 4: A consistent policy on vocational guidance should be developed and shown in the Plan to make additional funding consistent with promotion of increased vocational guidance.

Response: A Master Plan for Elementary and Secondary Guidance in North Carolina which will give direction for all guidance programs was adopted by the State Board of Education on November 2, 1979. During the first year, the master plan will be evaluated by a task force comprised of representatives from business, labor, industry, higher education, support agencies, and the school community, with the idea of possible revisions. The Division of Vocational Education and the Division of Pupil Personnel Services are working together to develop an effective interdisciplinary-interagency plan of guidance which will result in a consistent policy on vocational guidance, job placement and follow-up. Consideration will be given to additional funding consistent with the policy developed and commensurate with the guidance needs of students.

Comment No. 5: It is recommended that the State Board of Education develop approaches to reduce school dropouts.

Response: The State Board accepts this recommendation and has begun developing additional approaches to help remedy the problem. See the FY 1979 Accountability Report for a detailed response.

Comment No. 6: Establish a policy that all high schools must provide a distributive education program, when labor market and migration data indicate students can be employed in marketing and distribution jobs.

Response: Since LEAs are better able to determine local labor market needs coupled with local priorities, the State Education Agency stands by its posture of leaving such decisions at the local level.

Comment No. 7: Establish a policy that each local education agency (LEA) must have an advisory committee for distributive education to consult with distributive education coordinators for his/her area.

Response: The decision to require a specific program area or craft advisory committee, in addition to the mandated comprehensive vocational advisory committee for each local education agency lies with that agency. While the State Board historically has permitted and encouraged local program area committees it has not mandated the establishment of such committees.

Comment No. 8: Increase the funding for the employment of distributive education coordinators to reduce the student-coordinator ratio of 41.1 to 1, and to employ at least one coordinator for those high schools that warrant a distributive education program. Again, 30% of our high schools have no D. E. program. The Fiscal '79 Accountability Report for Vocational Education stated that the 1979 student enrollment in D. E. was not met because of not having enough coordinators.

Response: The State Board of Education allocates resources to LEAs in a manner that allows the LEA, based on employment demand, student interest, etc. to determine the vocational programs to be offered. These resources are not allocated for specific program areas. Until such time as the General Assembly sees fit to provide full funding of the State Board's vocational fund distribution formula, it is recognized that there are not sufficient funds to offer all of the vocational programs deemed necessary by each LEA. The Board's goal is to have sufficient funds for one 10-month vocational teacher for every 95 students in Average Daily Membership. Since many programs can and do serve more than 95 students per teacher, this allows programs using the cooperative education method to have reduced enrollments. The Program of Studies, which is a part of the Course of Studies approved by the State Board of Education indicates that the enrollment ceiling in a cooperative education program with one teacher should be 35 students. State Agency staff consults with LEAs in achieving these ideals.

Comment No. 9: I recommend, first of all, that the State Board of Education adopt as a goal the expanded provision of crafts skills training in educational institutions in North Carolina.

Response: The State Board has influenced and guided the expansion of vocational education at both the secondary and post-secondary levels during the last 15 years. Trade and Industrial Education (craft training) is one of the areas which has experienced a large growth in programs and enrollment. The State Board will continue to seek support necessary to meet the training needs of the citizens of the state so they can qualify as trained, productive employees.

Comment No. 10: I recommend that authorization and funding be sought for each community college and technical institute to offer at least one three-to-five year curriculum in a high-skill trade, and that the curriculum be sufficient to train a person as fully as possible within the community colleges and technical institutes.

Response: Additional authorization of funds for highly skilled programs was requested of the legislature in 1979, but funds were not appropriated. The funding of programs within the postsecondary institutions is under study. The results of this study will determine whether a change in funding is required.

Comment No. 11: I recommend that, in order to attract faculty to support the above training programs as well as apprenticeship-related instruction, that funds be appropriated sufficient for the community colleges to hire instructors with five years experience as journeymen. This will mean revising salary schedules upward.

Response: Revising salary schedules upward is not a solution unless the legislature appropriates additional funds to cover the increased salaries. Apprenticeship-related instruction is offered at night or at a time when apprentices are available for instruction. The instructors which are hired to provide the instruction are journeymen, and have years of experience in their field.

Comment No. 12: I recommend that the State Board of Education adopt as a formal goal the expansion of apprenticeship opportunities in North Carolina. The more general goal that I recommend is to help promote apprenticeship itself. This recognizes that the State Board of Education can help the Department of Labor promote apprenticeship training in a variety of ways, including student counseling on opportunities in the crafts, and the routine search for apprenticeship opportunities for students in cooperative education programs.

Response: The State Board supports and encourages the offering of apprenticeship related instruction for indentured apprentices. Cooperative education has been a long standing method of providing work experience while a student is engaged in pre-employment training. This concept will be continued to assist students in developing employment skills. Additional emphasis will be placed on providing information about apprenticeship opportunities.

Comment No. 13: I recommend that a categorical appropriation be sought for apprenticeship-related instruction in community colleges and technical institutes in order to provide needed classes for workers indentured under registered apprenticeship programs.

Response: The question of categorical appropriations will be addressed in the study of program funding for postsecondary institutions. (See response for Comment #10)

Comment No. 14: I recommend that vocational programs in the secondary schools be linked to apprenticeship programs in order to help youths make the transition from high school to employment. I recommend that 16 and 17-year olds have the option in their high schools of participating in apprenticeship programs, receiving both pay and academic credit for the apprenticeship while attending class part-time, and at age 18 the apprentice-student be allowed to transfer to a community college or technical institute to complete a high school degree program and continue skills training so that, by age 20, the apprentice-student be able to receive both a high school degree and certification as a journeyman craftsman.

Response: A meeting has been held with Department of Labor representatives and a plan is being developed which will result in the expansion of apprenticeship opportunities in the public schools of North Carolina.

Comment No. 15: Should vocational education consider the practical arts, useful or interest type programs, in addition to the hard vocational line?

Response: The State Board, through its Division of Vocational Education, is looking at practical arts programs for possible further inclusion in the purpose of vocational education. More specifically, the Board is looking broader than practical arts -- that is to practical life skills. These skills are directed toward manually-oriented daily life skills necessary to living and earning a living. However, current and projected budget limitations hamper the implementation of this newest purpose.

Comment No. 16: Can students from any vocational class be placed and supervised on a job for work experience by the teacher of that class, and receive credit for work even though they are not under cooperative coordinators? An example might be two or three auto mechanic or drafting students under supervision of that respective teacher.

Response: Current State Board policy on secondary cooperative education does not provide for students to be supervised and receive credit for cooperative experience by anyone other than a certified cooperative coordinator. It would be suggested that if several trades preparatory students could profit from a cooperative coordinator rather than a trade preparatory teacher in that the trades preparatory teacher may not have adequate school release time to provide on the job supervision whereas the cooperative coordinator would.

Comment No. 17: It is recommended that each D. E. Coordinator have a telephone in his/her office for purpose of coordinating and placement. D. E. programs should have adequate equipment and materials for class use.

Response: Standards established for all coopeartive programs, DE or otherwise, suggest access to a phone and in the case of all vocational programs, adequate materials and equipment be available to insure quality programs. The State Board supports the recommendation in this comment.

Comment No. 18: How will the new pre-service and inservice funds as shown in the State Plan be allocated? The procedure should permit notification to all institutions with instructions for applying.

Response: The Division of Vocational Education is field testing a Vocational Education Personnel Development Process. This process will identify procedures for notification of all interested persons relative to funds available on a contract basis.

Comment No. 19: It is recommended that the State Board of Education develop approaches to emphasize technical education.

Response: Technical education is recognized by the State Board of Education as a vital component of training for employment and is concerned that it be given appropriate emphasis. See the FY 1979 Accountability Report for further response.

Comment No. 20: Does the Vocational Education Division have long range plans for quality assurance in teacher education?

Response: The Division of Vocational Education is working toward the development of a long range plan for quality assurance as it relates to vocational personnel. Hopefully, during the 1980-81 year the division will be developing the framework for this long range plan. Likewise, the Division is making contributions in the development of a quality assurance plan in teacher education. This effort is being implemented in keeping with an agreement between the State Board of Education and the Greater University Board of Governors.

Comment No. 21: The dropout rate seems to be excessive in postsecondary classes. Too much theory and not enough practical is taught. Could the secondary system do a better job in conducting these programs?

Response: Postsecondary education serves adults over the age of 18 and is unique in that students enroll as part-time students, as well as full-time students. During the spring quarter of 1979, 44 percent of the students were enrolled part-time, 44.3 percent of the students were employed full-time and 18 percent were employed part-time. The average student age is 35. These students must rely, primarily, upon their own

resources for support while continuing their education. So called "dropouts" occur because students are employed prior to completion of a program but return as part-time students to complete the program.

Comment No. 22: Students coming into (and sometimes exiting) vocational courses are deficient in basic arithmetic, resulting in too much time by the vocational teacher in teaching necessary math for the course.

Response: Students involved in vocational education, both at the time of entrance and at the time of exit, are sometimes adjudged deficient in basic arithmetic. In some cases, support teachers are available to provide remedial instruction. Through adequate counseling available to students before entrance into vocational programs and an analysis of the students' records prior to entrance into the program, remediation can be provided before enrollment in Vocational Education.

Comment No. 23: It is recommended that the State Board of Education develop a consistent policy on adult education.

Response: The State Board of Education accepts the recommendation. Staff members in the Departments of Public Instruction and Community Colleges, with assistance from the Attorney General's Office, will develop a policy statement on adult education. The policy will be presented to the State Board for action in the near future.

Comment No. 24: It is strongly recommended that the State Board of Education vigorously seek from the General Assembly the necessary funds to achieve the goals of full state funding of secondary vocational education.

Response: The State Board of Education established a long range plan for securing full state funding of secondary vocational education. There is every reason to believe that the State Board will continue to vigorously seek from the General Assembly the funds necessary to achieve its goals.

Comment No. 25: What will be the effect of new Board policy on Extended Day programs?

Response: The current proposal from the department to the State Board of Education is to delete existing Extended School Day policies which are in the North Carolina Administrative Code. The State Department of Public Instruction feels that deleting these policies will pave the way for more students to be served who need to be served in afternoon and evening hours. Currently programs are designed almost entirely for school dropouts and/or high potential dropouts. The department will keep emphasis directed toward these two target populations of students when and where the need exist.

Local educators will also be encouraged to serve all students who need and can benefit from instruction during extended school day hours. After thorough review of all policies relating to the present Extended School Day program and other types of extended school day operations, the department feels that existing laws and policies covering regular school day operation can allow for all aspects of our present operation to continue. It is also felt that deleting these policies will allow existing programs to be expanded and new programs to be started through a more substantial funding base.

Comment No. 26: Can college bound students be accommodated in Extended Day classes?

Response: Yes. Any student or group of students who need and can benefit from instruction during afternoon and evening hours may be served.

Comment No. 27: How will we cope with the possible influx of adults into the Extended Day programs?

Response: The same public school laws and policies which govern the regular school day will be in effect during the extended school day period of time. The focus of the public schools is to serve the school age population.

Comment No. 28: All D. E. coordinators should have a 12 month contract.

Response: LEAs should consider a 12 month contract for a vocational education teacher when a 12 month program is to be carried out. Current State Board policy permits local education agencies to determine the length of employment of vocational teachers beyond 10 months. The manner in which the State Board allocates resources to LEAs does not prohibit this; however, inadequate funding oftentimes restricts what an LEA is able to do.

Comment No. 29: A plea for better informed and more serious minded students exiting from vocational programs, especially on how to seek employment and to fill out necessary application forms, etc.

Response: Early and effective counseling and guidance would assist greatly. The State Board supports an analysis of all vocational offerings to ensure that students know how to seek employment and know how to fill out necessary application forms.

AMENDMENTS TO THE
FY 1982 PLAN

TABLE OF CONTENTS *

FY 1981 - FY 1982 ANNUAL PLAN AND AMENDMENTS TO THE FY 1982 PLAN

| | <u>Page</u> |
|--|-------------|
| Introduction | v |
| Certifications for Fiscal Year 1981 | |
| Commissioner's Approval | vi |
| Certificate of State Board | vii |
| Certificate of Attorney General | viii |
| Certificate of State Board | ix |
| Delegation of Responsibilities | |
| Notification to Eligible Recipients to Establish Advisory Councils | |
| Involvement of Representatives (Section 107) | |
| Meetings of State Planning Group | |
| Certification by Consultants for Sex Equity | x |
| Certificate of Public Hearings | xi |
| Certification by Members of State Plan Group | xiii |
| Governor's Sign-Off (A-95) | xv |
| Certification of State Advisory Council on Vocational Education | xvi |
| Certifications for Fiscal Year 1982 | |
| Assistant Secretary's Approval | xviii |
| Certificate of State Board | xix |
| Certificate of Attorney General | xx |
| State Certification | xxi |
| Certificate of State Board | xxii |
| Delegation of Responsibilities | |
| Notification to Eligible Recipients to Establish Advisory Councils | |
| Involvement of Representative (Section 107) | |
| Meetings of State Planning Group | |
| Certification by Consultants for Sex Equity | xxiii |
| Certificate of Public Hearings | xxiv |
| Certification by Members of State Plan Group | xxvi |
| Governor's Sign-Off (A-95) | xxviii |
| Certification of State Advisory Council on Vocational Education | xxix |

| | <u>Page</u> |
|---|-------------|
| Fiscal Years 1981-1982 Plan for Vocational Education | 1 |
| Population, Education, and Employment Needs | 3 |
| TABLE 1 Projected Population, 1980, by Age, Race and Sex | 4 |
| TABLE 1 Projected Population, July 1, 1981, by Age, Race and Sex (FY 1982) | 4(a) |
| TABLE 2 North Carolina Population Pyramid: 1980 | 5 |
| TABLE 3 Grades K-12 Pupil Membership by Race/Ethnic Origin, 1975-76 and 1978-79 | 6 |
| TABLE 3 Grades K-12 Pupil Membership by Race/Ethnic Origin 1975-76 to 1979-80 (FY 1982) | 6(a) |
| TABLE 4 Vocational Enrollment by Racial/Ethnic Group | 6 |
| TABLE 4 Vocational Enrollment by Sex, Racial/Ethnic Group - Secondary, Postsecondary, and Adult, 1979-80 (FY 1982) | 6(a) |
| TABLE 5 Projected Average Daily Membership Population | 7 |
| TABLE 5 Projected Average Daily Membership Population (1982) | 7(a) |
| TABLE 6 North Carolina Employment Trends | 8 |
| TABLE 7(a) North Carolina Labor Force by Sex and Minority Status | 9 |
| TABLE 7(b) Occupation of Employed Persons, by Sex and Minority Status, North Carolina, 1978 | 10 |
| Explanation of Table 7(b) | 11 |
| TABLE 8 Projected Employment Needs Related to Vocational Education, 1980-1982 | 12 |
| Explanation of Table 8 | 15 |
| Figure I Counties Certified for Economic Development Act (EDA) Participation, 1979 | 16 |
| Figure I Counties Certified for Economic Development Act (EDA) Participation, October 1980 (FY 1982) | 16(a) |
| TABLE 9 Counties Certified for Economic Development Act Participation | 17 |
| TABLE 9 Counties Certified for Economic Development Act Participation Certified as of October 2, 1980 (FY 1982) | 17(a) |
| Figure II General Unemployment - 1978 | 18 |
| Figure II General Unemployment - 1979 (FY 1982) | 18(a) |
| TABLE 10 1978 General Unemployment | 19 |
| TABLE 10 1979 General Unemployment (FY 1982) | 19(a) |

| | | <u>Page</u> |
|------------|--|-------------|
| Figure III | Youth Unemployment - 1978 | 20 |
| Figure III | Youth Unemployment - 1979 (FY 1982) | 20(a) |
| TABLE 11 | 1978 Youth Unemployment | 21 |
| TABLE 11 | 1979 Youth Unemployment, 16-19 Years Inclusive (FY 1982) | 21(a) |
| Figure IV | Local Education Agencies with Dropout Rates of 8.0% and Greater | 22 |
| Figure IV | Local Education Agencies with Dropout Rates of 7.8% and Greater (FY 1982) | 22(a) |
| TABLE 12 | 1978-79 Dropout Rates | 23 |
| TABLE 12 | 1979-80 Dropout Rates (FY 1982) | 23(a) |
| | FY 1981-1982 Annual Program Planning and Budgeting | 24 |
| | Continuing Goals for Vocational Education | 26 |
| | Continuing Goals for Vocational Education (FY 1982) | 26(a) |
| | Rationale for Vocational Programs as Related to Employment Needs | 28 |
| | Explanation of Information Contained in Table 13 and Sources of Data | 30 |
| TABLE 13 | North Carolina Vocational Education Projected Plan for Meeting Job Skill Needs, FY 1981 | 31 |
| TABLE 13 | North Carolina Vocational Education Projected Plan for Meeting Job Skill Needs, FY 1982 | 45 |
| TABLE 14 | North Carolina Vocational Education Plan for Meeting Consumer and Homemaking Needs, FY 1981 | 59 |
| TABLE 14 | North Carolina Vocational Education Plan for Meeting Consumer and Homemaking Needs, FY 1982 | 60 |
| TABLE 15 | Summary Projected Secondary Enrollment, FY 1981 | 61 |
| TABLE 15 | Summary Projected Secondary Enrollment, FY 1982 | 62 |
| TABLE 16 | Summary of Projected Vocational Education Enrollment, Secondary, Postsecondary and Adult, FY 1981 | 63 |
| TABLE 16 | Summary of Projected Vocational Education Enrollment, Secondary, Postsecondary, and Adult, FY 1982 | 64 |
| TABLE 17 | Changes in Projected Enrollment and Funding to Meet Employment Needs, FY 1981 - Secondary | 65 |
| | - Postsecondary | 66 |
| | - Adult | 67 |
| TABLE 17 | Changes in Projected Enrollment and Funding to Meet Employment Needs, FY 1982 | |
| | -Secondary | 68 |
| | -Postsecondary | 69 |
| | -Adult | 70 |

| | <u>Page</u> |
|---|-------------|
| Analysis of Changes in Enrollment and Funding to Meet Employment Needs, FY 1981 | |
| -Secondary | 71 |
| -Postsecondary | 73 |
| -Adult | 75 |
| Analysis of Changes in Enrollment and Funding to Meet Employment Needs, FY 1982 | |
| -Secondary | 76 |
| -Postsecondary | 77 |
| -Adult | 79 |
| TABLE 18 Estimated Funding by Purpose, FY 1981 | 80 |
| TABLE 18 Estimated Funding by Purpose, FY 1982 | 81 |
| Formula - Limited English Speaking | 82 |
| TABLE 18A Projected FY 1981 Carryover Funds by Purpose of the Act for FY 1982 | 82(a) |
| TABLE 19 Activities, Estimated Budget and Benefits By Purpose, FY 1981 | |
| -Secondary | 83 |
| -Postsecondary | 88 |
| -Adult | 90 |
| TABLE 19 Activities, Estimated Budget, and Benefits By Purpose, FY 1982 | |
| -Secondary | 91 |
| -Postsecondary | 96 |
| -Adult | 98 |
| TABLE 20 Changes in Projected Funding By Purpose, FY 1981 | |
| -Secondary | 99 |
| -Postsecondary | 100 |
| -Adult | 101 |
| TABLE 20 Changes in Projected Funding By Purpose, FY 1982 | |
| -Secondary | 102 |
| -Postsecondary | 103 |
| -Adult | 104 |
| Analysis of Changes in Funding by Purpose, Secondary, Postsecondary, and Adult, FY 1981 | 105 |
| Analysis of Changes in Funding by Purpose, Secondary, Postsecondary, and Adult, FY 1982 | 108 |
| Definitions Used in the Allocation of Funds | 110 |
| Directory of Economic Development Administration (EDA) Qualified Areas | 111 |
| Directory of Economic Development Administration (EDA) Qualified Areas (FY 1982) | 112(a) |

| | | <u>Page</u> |
|--|---|-------------|
| Vocational Education | Secondary Formula Distribution of Funds | 114 |
| TABLE 21 | Secondary Points Earned Through Formula Distribution Factors for Sub-Part II and Sub-Part III with the Exception of Work-Study, FY 1981 | 117 |
| TABLE 21 | Secondary Points Earned Through Formula Distribution Factors for Sub-Part II and Sub-Part III with the Exception of Work-Study, FY 1982 | 121(a) |
| TABLE 22 | Secondary Points Earned Through Formula Distribution Factors for Work-Study and Special Disadvantaged, FY 1981 | 122 |
| TABLE 22 | Secondary Points Earned Through Formula Distribution Factors for Work-Study and Special Disadvantaged, FY 1982 | 126(a) |
| TABLE 23 | Estimated Allotment for Months of Employment for 1980-81, for Sub-Parts 2, 3, and 5 - Secondary | 127 |
| TABLE 23 | Estimated Allotment for Months of Employment for 1981-82, for Sub-Parts 2, 3, and 5 - Secondary | 131(a) |
| TABLE 24 | Estimated Allotments Based on Formula for 1980-81, Secondary | 132 |
| TABLE 24 | Estimated Allotments Based on Formula for 1981-82, Secondary | 136(a) |
| TABLE 25 | Secondary Analysis of Fund Distribution as Applied to Disadvantaged Funds, FY 1981 | 137 |
| TABLE 25 | Secondary Analysis of Fund Distribution as Applied to Disadvantaged Funds, FY 1982 | 137(a) |
| TABLE 26 | Secondary Analysis of Fund Distribution as Applied to Work-Study, FY 1981 | 138 |
| TABLE 26 | Secondary Analysis of Fund Distribution as Applied to Work-Study, FY 1982 | 138(a) |
| Formula for Distribution of Funds - Postsecondary Institutions | | 139 |
| TABLE 27 | Points Earned Through Formula Distribution Factors 1980-81, Postsecondary | 141 |
| TABLE 28 | Estimate of Allotments of Federal and Required Matching Funds by Purpose - Postsecondary 1980-81 | 142 |
| TABLE 29 | An Analysis of Estimated Allotments for Selected Institutions, Postsecondary 1980-81 | 143 |
| FY 1982 Allotments to Recipients | | 144 |
| TABLE 27 | Points Earned Through Formula Distribution Factors - FY 1982 | 144(a) |
| TABLE 28 | Estimate of Allotments of Federal and Required Matching Funds by Purpose Postsecondary - FY 1982 | 144(b) |
| TABLE 29 | An Analysis of Estimated Allotments for Selected Institutions - FY 1982 | 144(c) |

| | <u>Page</u> |
|--|-------------|
| Results of Coordination of Vocational Education Programs with Employment and Training Programs | 145 |
| Results of Coordination of Vocational Education Programs with Employment and Training Programs - FY 1982 | 146(a) |
| Activities of Sex Equity Personnel - Secondary | 147 |
| - Postsecondary | 152 |
| Activities of Sex Equity Personnel - Secondary (FY 1982) | 156(a) |
| - Postsecondary | 156(f) |
| Results of Participation of Local Advisory Councils | 157 |
| Local Advisory Council Participation (FY 1982) | 157(a) |

APPENDICES

| | | |
|-------------|--|----|
| Exhibit I | Comments and Responses, Vocational Education State Plan Committee | 1 |
| Exhibit II | Public Hearing on FY 1981-1982 Annual Plan and FY 1979 Accountability Report - Comments and Responses | 5 |
| Exhibit III | Comments and Responses, Vocational Education State Plan Committee | 12 |
| Exhibit IV | Comments and Responses from Public Hearings on the Five Year and FY 1982 Annual Plan, and the FY 1980 Accountability Report | 13 |
| Exhibit V | Cooperative Agreement Between The North Carolina State Board of Education (The State Board of Vocational Education) and The North Carolina State Board of Community Colleges | 21 |

*Except for pages in the Table of Contents, pages with a letter in parentheses following the page numbers are additional materials which need to be added to the existing FY 1981 - 1982 Plan. These materials do not replace existing information, but they are additional to the present information and data. Other pages which you are furnished should replace the pages with the same numbers in the FY 1981 - 1982 Plan. Additionally, where table numbers are duplicated, the second table number refers to the FY 1982 table.

APPROVAL CERTIFICATE

The State Program Plan for the period beginning July 1, 1981 and the FY 80 Accountability Report for the administration of Vocational Education under the Vocational Education Act of 1963, as amended, are hereby accepted by the U.S. Assistant Secretary for Vocational and Adult Education as fully meeting the requirements of this statute and its regulations.

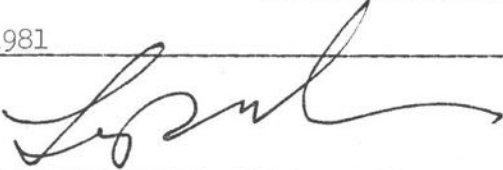
Submitted by the State of North Carolina

Adopted by North Carolina State Board of Education

Date adopted May 7, 1981

Date submitted
to Office of Vocational & Adult Education May 12, 1981

Effective Date: July 1, 1981

APPROVAL RECOMMENDED: 
(Director, Division of State Vocational Programs)

APPROVED: 
(U.S. Assistant Secretary for Vocational and Adult Education)

DATE APPROVED: 7-17-81

Certificate of State Board of Education

State of North Carolina

I hereby certify that the attached Amendments to the Five Year State Plan and the FY 1982 State Plan and the FY 1980 Accountability Report for Vocational Education were adopted by the North Carolina State Board of Education on May 7, 1981. The State Plan and Accountability Report as submitted, constitutes the basis for the administration and operation of the State's program established pursuant to the Vocational Education Amendments of 1976, Public Law 94-482, Education Amendments of 1978, Public Law 95-561, and to the State Board's policies, rules, and regulations.

All information and representations contained in the Plan and Accountability Report as of this date are accurate to the best of my knowledge and belief.

N. C. State Board of Education
(Official Name of State Board)

May 7, 1981
(Date)

By: 

State Superintendent

Certificate of Attorney General

State of North Carolina

1. That the North Carolina State Board of Education is the State Board in this State within the meaning of Section 104(a)(1) of Public Law 94-482;
2. That said Board has the authority under State law to submit a State Plan and Accountability Report;
3. That said Board has authority to administer the administration of the foregoing State Plan and Accountability Report;
4. That all of the provisions of the foregoing Plan and Accountability Report can be carried out by the State;
5. That the State Superintendent of Public Instruction has been duly authorized by the North Carolina State Board of Education to submit the foregoing State Plan and Accountability Report and to represent the State Board in all matters pertaining thereto.

8 May 1981
(Date)

(Signed)

A. A. Venable
Deputy Attorney General


STATE CERTIFICATION
STATE OF North Carolina

I hereby certify:

1. That the N. C. State Board of Education in this State is eligible
(State board or agency)
to submit the State plan for vocational education as authorized
under Part A of Title I of the Vocational Education Act (20
U.S.C. 2301 et seq.);
2. That the N. C. State Board of Education has authority under State
(State board or agency)
law to perform the functions of the State under the program;
3. That the State legally may carry out each provision of the
foregoing plan;
4. That all provisions of the foregoing plan are consistent with
State law;
5. That the N. C. State Board of Education
A. Craig Phillips, Secretary has authority under
(Title of State Officer)
State law to receive, hold, and disburse Federal funds made
available under the foregoing plan;
State Supt. of Public Instruction
6. That the Secretary to State Board has authority to submit
(Title of State Officer)
the foregoing plan;
7. That the N. C. State Board of Education has adopted
(State board or agency submitting the plan)
and formally approved the foregoing plan;
8. That the foregoing plan is the basis for State operation and
administration of the program.

May 7, 1981
(Date)

N. C. State Board of Education
(State board or agency)


(Signature)

Secretary to State Board & Superintendent
(Title)

Certificate of State Board

State of North Carolina

I hereby certify that the State Board for Vocational Education has not delegated any of its responsibilities in the operation of Vocational Education in North Carolina, except:

The State Board of Education at the March, 1980, meeting adopted the following resolution:

NOW, THEREFORE, BE IT RESOLVED that the State Board of Education in the administration of General Statute 115-235.4 recognizes the governing authority of the State Board of Community Colleges and Technical Institutes over postsecondary vocational education, effective January 1, 1981, and accepts the following procedures in administering its authority as the State Board for Vocational Education.

1. The division of federal funds, within discretionary limits, shall require concurrence of the State Board of Community Colleges and Technical Institutes.
2. The portion of the approved State Plan for postsecondary vocational education shall be that approved by the State Board of Community Colleges and Technical Institutes.

I also certify that all eligible recipients were notified of their responsibility to establish advisory councils, and assurances were given through the local plans of the establishment of such councils.

I further certify that all of the representatives required in Section 107 of Public Law 94-482 were afforded the opportunity for involvement in the formulation of the State Plan.

I further certify that the State Planning Group met according to the dates given below. The meetings of the Planning Group were October 30, 1980, January 6, 1981, and February 12, 1981.

May 7, 1981
Date

N. C. State Board of Education
(Official Name of State Board)

By: 
State Superintendent of Public Instruction

NORTH CAROLINA STATE BOARD OF EDUCATION

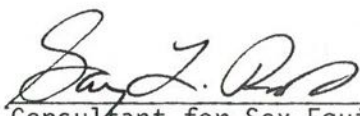
AMENDMENTS TO THE FIVE YEAR PLAN AND THE

FY 1982 ANNUAL VOCATIONAL EDUCATION STATE PLAN,

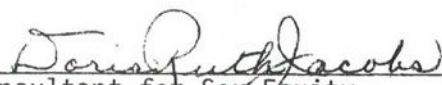
AND FY 1980 ACCOUNTABILITY REPORT

CERTIFICATION BY CONSULTANTS FOR SEX EQUITY

In compliance with the requirements of Public Law 94-482, we hereby certify that we were afforded the opportunity to review the Amendments to the Five Year Plan and the FY 1982 Annual Plan, and the FY 1980 Accountability Report to assure equal access to vocational education programs by both men and women.



Consultant for Sex Equity
(Secondary)



Consultant for Sex Equity
(Postsecondary)

Feb. 13, 1981
(Date)

Feb. 13, 1981
(Date)

CERTIFICATE OF PUBLIC HEARINGS

STATE OF NORTH CAROLINA

1. *Notification of dates and purposes for the public hearings on the Amendments of the Five Year Plan and the Fiscal Year 1982 State Plan and Fiscal Year 1980 Accountability Report was provided as follows:*

Date of
Notification

December 19, 1980

- ° Superintendents of Schools
- ° Local Directors of Vocational Education
- ° Regional Center Directors
- ° State Board Members
- ° Presidents of Community Colleges, Technical Colleges, and Technical Institutes
- ° State Advisory Council on Education
- ° Vocational Teacher Educators
- ° NC Vocational Association Board of Directors
- ° State Plan Committee Members
- ° Program Advisory Committees
- ° Selected Department of Public Instruction Staff
- ° Selected Department of Community Colleges Staff
- ° Selected American Indians Representatives
- ° Organizations Concerned with Status of Women
- ° Selected Lay People
- ° Selected Business, Professional, Trade, and Commodity Organizations
- ° NC Congress of Parents and Teachers
- ° State Plan Committee Members

For Publication Prior
to December 20, 1980

- Legal Notices-
- ° Minority Newspapers - 9
 - ° Area Daily Newspapers - 5

To Be Used From
January 6-21, 1981

- News Releases-
- ° Minority Newspapers - 9
 - ° Area Dailies - 5
 - ° Minority Radio Stations - 12
 - ° Area TV Stations - 5

(With spot announcements added for radio/TV)

2. *Public Hearings on the Amendments to the Five Year Plan, Fiscal Year 1982 Plan, and Fiscal Year 1980 Accountability Report for Vocational Education were held as follows:*

Date

Place

January 20, 1981

Kinston High School Cafeteria
Kinston, North Carolina

| <u>Date</u> | <u>Place</u> |
|------------------|--|
| January 27, 1981 | Board Room, Human Resource Center Morganton, North Carolina |
| January 28, 1981 | Guilford Technical Institute Jamestown, North Carolina |

3. *The hearings were conducted by:* the North Carolina State Board of Education with Dr. John Tart, Chairman of the Vocational Education Committee of the State Board presiding.

The various publics were notified that the hearings provide an opportunity for citizens of the state to express views on:

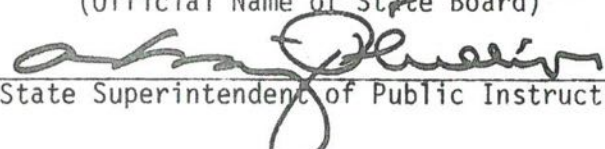
- the goals which ought to be adopted in the annual program plan,
- the programs to be offered under the annual program plan,
- the allocation of responsibility for programs among the various levels of education and among the various institutions of the State,
- the allocation of local, state, and federal resources to meet these goals, and
- a report on the FY 1980 Annual Program for Vocational Education as related to program implementation and the extent to which goals in the 1980 Plan were met.

A total of 137 persons attended the public hearings. There were comments or concerns expressed by numbers of the groups and to which the State Boards will respond. Seven of the presenters furnished prepared manuscripts. All others present were given an opportunity to express concerns, raise questions and make recommendations relative to vocational education at the secondary or postsecondary levels. The hearings were taped, and pertinent notes were taken on each presentation.

There were many favorable comments on vocational education as administered and conducted in this state; however, some concerns were expressed and recommendations were made. Many of the recommendations have, or will be incorporated into the State Plan. The suggestions that seem to be contrary to policies of the State Boards or required additional funding or time to implement will either be rejected or may require additional consideration.

Comments and responses from the hearings are summarized and appear as an Appendix to this Plan.

May 7, 1981
(Date)

N. C. State Board of Education
(Official Name of State Board)
By: 
State Superintendent of Public Instruction

Certificate of the Vocational Education State Plan Committee

State of North Carolina

The following members were appointed to the planning group by the State Board of Education or the agency specified in the Act.

We, the undersigned, certify that we have had the opportunity to actively participate in the formulating of the Amendments to the Five Year Plan and the Fiscal Year 1982 State Plan, and the Fiscal Year 1980 Accountability Report as required by Section 108 of the Act. We further certify that the signatures below constitute a recommendation for adoption of the amendments to the Five Year State Plan and the Fiscal Year 1982 State Plan, and the FY 1980 Accountability Report.

The planning group met on October 30, 1980; January 6, 1981 and February 12, 1981.

Date of Signatures by Committee Members February 12, 1981

State Agency - Secondary

Dudley Flood, Assistant Superintendent
Raleigh, North Carolina

Dudley Flood

State Agency - Postsecondary

Jean Overton, Program Coordinator, Occupational Program Services
Department of Community Colleges
Room 20, Education Building
Raleigh, NC 27611

Jean Overton

State Agency - Community Colleges

Major Boyd, Director
Adult Developmental Services
Department of Community Colleges
Room 156, Education Building
Raleigh, NC 27611

Major Boyd

Higher Education

Robert Williams, Associate Vice President
University of North Carolina
910 Raleigh Road
Chapel Hill, NC 27514

Robert Williams

Local School Board

James Atkins, Chairman
Wake County Board of Education
219 E. Chatham Street
Cary, NC 27511

James E. Atkins

Byrde Chambers, Board of Trustees
Technical Institute of Alamance
Burlington, NC

Byrde Chambers

Vocational Educators

Peggy Morgan, Health Occupations
Sylva-Webster High School
Sylva, NC 28779

Peggy Morgan

Roy Thomas, Instructor
Surry Community College
Dobson, NC 27017

Roy Thomas

Local School Administrators
Katheryn Lewis, Assistant Superintendent
Pitt County Board of Education
Greenville, NC 27834

Katheryn C Lewis

Ray Oxendine, Principal
East Montgomery High School
Biscoe, NC

Ray Oxendine

Edward Cox, President
Piedmont Technical College, P.O. Box 1197
Roxboro, NC 27573

Edward W. Cox

Dorothy Carter, Dean of Occupational Education
Randolph Technical College
P. O. Box 1009
Asheboro, NC 27203

Dorothy Carter

Evelyn Withers, Local Director
Gaston County Schools
943 Osceola Street
Gastonia, NC 28052

Evelyn Withers

Lois Denny, Assoc. Dean of Business
Sampson Technical College
Drawer 318
Clinton, NC 28328

Lois Denny

State Manpower Services Council
James R. Lott, Director
NC Employment Training Council
P. O. Box 27687
Raleigh, NC

James R. Lott

State Advisory Council
Daphne D. O'Neal
Route 1, Box N17
Swan Quarter, NC 27855

Daphne D. O'Neal

North Carolina does not have a comprehensive postsecondary planning agency.



STATE OF NORTH CAROLINA

OFFICE OF THE GOVERNOR

RALEIGH 27611

JAMES B. HUNT, JR.
GOVERNOR

GOVERNOR'S

COMMENTS ON STATE PLAN

DATE: June 5, 1981

PLAN DOCUMENT: State Plan for Vocational Education
Amendment to the Five Year Plan and
the FY '82 Plan

SUBMITTED BY: Department of Public Education

SUBMITTED ON: May 19, 1981

COMMENTS: The above referenced State Plan is generally in keeping
with State policy objectives, and does not appear to be
in conflict with any other statewide comprehensive plans
or state agency programs.

As the Governor's designee for review and evaluation of
State Plans, pursuant to OMB Circular A-95, Part III, I
hereby approve this State Plan.

A handwritten signature in dark ink, appearing to read "Arnold Zogry", written over a horizontal line.

Arnold Zogry
Deputy Secretary for
Policy and Management
N.C. Department of Administration

CERTIFICATION OF THE STATE ADVISORY COUNCIL

TO WHOM IT MAY CONCERN:

Title II of the Education Amendments of 1976 (Public Law 94-482), as amended) declares that the "State Advisory Council shall advise the State Board in the development of the five-year State plan...and the annual program plan and accountability report...and shall advise the State Board on policy matters arising out of the administration of programs under such plans and reports." Also, the applicable rules and regulations pertaining to the federal law provides that "A statement describing its [State Advisory Council's] consultation with the State Board shall be submitted with the five-year plan, and the annual program plan and accountability report...."

On June 19, 1980, the North Carolina General Assembly enacted SB1023 (Chapter 1130). The Act provides in Section 4, for the following:

Federal funds division. -- The division between secondary and post-secondary educational systems and institutions of Federal funds for which the State Board of Vocational Education has responsibility shall, within discretionary limits established by law, require the concurrence of the State Board of Education and the State Board of Community Colleges on and after January 1, 1981. The portion of the approved State Plan for post-secondary vocational education required by G.S. 115-235.5 shall be as approved by the State Board of Community Colleges.

Because of this action by the State General Assembly, the Council has found it necessary to advise both the State Board of Education and the State Board of Community Colleges.

In consideration of these laws, the State Advisory Council indicates the following as evidence of its consultation and advice to the appropriate Boards at the State level:

- At the December 1980 meeting of the State Board of Education, the chairman of the State Advisory Council presented the 1980 Annual Report entitled A Time To Design. In his prepared remarks, the chairman urged the Board to consider the Council's five (5) recommendations.
- At the February 1981 meeting of the State Board of Community Colleges, the vice-chairman of the Council presented the Council's concerns as represented in the 1980 Annual Report. The vice-chairman pointed out how these recommendations were of particular importance to the State Board of Community Colleges.
- Members of the State Board of Education attended three of the meetings of the Council, and members of the State Board of Community Colleges attended one of the Council's meetings. (The State Board of Community Colleges was not officially constituted until January 1, 1981.)

- During 1980-81, members of the State Advisory Council spoke at the three hearings that were held by the State Board of Education on the 1982 State Plan and the 1980 Accountability Report. These documents were approved by the State Board of Community Colleges at its April 1981 meeting and by the State Board of Education at its May 1981 meeting. The response to the Council's recommendations are contained in these documents.
- The Council was represented on the State Committee established to develop the 1982 State Plan and the 1980 Accountability Report. During the three meetings that were held, the reports and the concerns of the Council were shared with the State Committee membership.

The State Advisory Council reports this record of consultation, advice, and cooperation with the State Board of Education and the State Board of Community Colleges. We hope this relationship can be expanded and improved in the coming year in order to achieve the full and unrestricted collaboration suggested in federal law and Executive Order No. 25 promulgated by the Governor.

The foregoing was adopted by the State Advisory Council at a regular meeting on May 22, 1981. The Executive Director was directed to submit this as evidence of the Council's consultation in developing the Annual Program Plan and the Accountability Report.

5-27-81

Date



Authorizing Representative

TABLE: 1 (FY 1982)

| NORTH CAROLINA | | | | | | | |
|---|---------|---------|---------|---------|----------|--------|--------|
| PROJECTED POPULATION, JULY 1, 1981, BY AGE, RACE, AND SEX | | | | | | | |
| AGE | TOTAL | WHITE | | | NONWHITE | | |
| | | TOTAL | MALE | FEMALE | TOTAL | MALE | FEMALE |
| TOTAL | 5797576 | 4437428 | 2162036 | 2275392 | 1360148 | 642529 | 717619 |
| 0-4 | 405842 | 281719 | 144707 | 137012 | 124123 | 62645 | 61478 |
| 5-9 | 422426 | 29768 | 153787 | 145981 | 122658 | 61248 | 61410 |
| 10-14 | 458160 | 330422 | 170368 | 160054 | 127738 | 64641 | 63097 |
| 15-19 | 539859 | 350549 | 205290 | 185269 | 149310 | 76891 | 72419 |
| 20-24 | 577480 | 428092 | 223265 | 204827 | 149388 | 72255 | 77133 |
| 25-29 | 517423 | 391835 | 196313 | 195522 | 125588 | 58795 | 66793 |
| 30-34 | 462297 | 362744 | 178207 | 184537 | 99553 | 46688 | 52865 |
| 35-39 | 380995 | 308169 | 152396 | 155773 | 72826 | 34264 | 38562 |
| 40-44 | 316000 | 258211 | 127200 | 131011 | 57789 | 26079 | 31710 |
| 45-49 | 287828 | 225096 | 114224 | 120872 | 52732 | 22896 | 25836 |
| 50-54 | 289894 | 235570 | 112607 | 122963 | 54324 | 23652 | 30672 |
| 55-59 | 282016 | 229125 | 106881 | 122244 | 52891 | 22809 | 30082 |
| 60-64 | 255219 | 205527 | 92137 | 113390 | 49692 | 21340 | 28352 |
| 65-69 | 216298 | 171535 | 72738 | 98797 | 44763 | 19028 | 25735 |
| 70-74 | 166132 | 122998 | 52864 | 80134 | 33134 | 13538 | 19596 |
| 75-79 | 107474 | 86780 | 31468 | 55312 | 20694 | 7791 | 12903 |
| 80-84 | 63942 | 52380 | 17148 | 35232 | 11562 | 4351 | 7211 |
| 85&UP | 48291 | 36508 | 10446 | 26462 | 11383 | 3618 | 7765 |
| PERCENT OF COLUMN TOTAL | | | | | | | |
| 0-4 | 7.00 | 6.35 | 6.69 | 6.02 | 9.13 | 9.75 | 8.57 |
| 5-9 | 7.29 | 6.76 | 7.11 | 6.42 | 9.02 | 9.53 | 8.56 |
| 10-14 | 7.90 | 7.45 | 7.88 | 7.03 | 9.39 | 10.06 | 8.79 |
| 15-19 | 9.31 | 8.80 | 9.49 | 8.14 | 10.98 | 11.97 | 10.09 |
| 20-24 | 9.96 | 9.65 | 10.33 | 9.00 | 10.98 | 11.25 | 10.75 |
| 25-29 | 8.92 | 8.83 | 9.08 | 8.59 | 9.23 | 9.15 | 9.31 |
| 30-34 | 7.97 | 8.17 | 8.24 | 8.11 | 7.32 | 7.27 | 7.37 |
| 35-39 | 6.57 | 6.94 | 7.05 | 6.85 | 5.35 | 5.33 | 5.37 |
| 40-44 | 5.45 | 5.82 | 5.88 | 5.76 | 4.25 | 4.06 | 4.42 |
| 45-49 | 4.96 | 5.30 | 5.28 | 5.31 | 3.88 | 3.56 | 4.16 |
| 50-54 | 5.00 | 5.31 | 5.21 | 5.40 | 3.99 | 3.68 | 4.27 |
| 55-59 | 4.86 | 5.16 | 4.94 | 5.37 | 3.89 | 3.55 | 4.19 |
| 60-64 | 4.40 | 4.63 | 4.26 | 4.98 | 3.65 | 3.32 | 3.95 |
| 65-69 | 3.73 | 3.87 | 3.36 | 4.34 | 3.29 | 2.96 | 3.59 |
| 70-74 | 2.87 | 3.00 | 2.45 | 3.52 | 2.44 | 2.11 | 2.73 |
| 75-79 | 1.85 | 1.96 | 1.46 | 2.43 | 1.52 | 1.21 | 1.80 |
| 80-84 | 1.10 | 1.18 | 0.79 | 1.55 | 0.85 | 0.68 | 1.00 |
| 85&UP | 0.83 | 0.83 | 0.48 | 1.16 | 0.84 | 0.56 | 1.08 |

SOURCE - STATE OF NORTH CAROLINA
OFFICE OF STATE BUDGET AND MANAGEMENT

BASED ON 1977 FINAL ESTIMATE
PREPARED APRIL, 1980

Education

GRADES K-12 PUPIL MEMBERSHIP BY RACE/ETHNIC ORIGIN* 1975-76 to 1979-80

TABLE: 3 (FY 1982)

| | American Indian/ Alaskan Native | Black | Asian/ Pacific Islander | Hispanic | White | Total |
|---------|--|---------|-------------------------------|----------|---------|-----------|
| 1975-76 | 15,380 | 348,393 | 2090 | 1479 | 815,480 | 1,182,822 |
| 1976-77 | 15,399 | 351,747 | 2178 | 1704 | 822,741 | 1,193,769 |
| 1977-78 | 16,644 | 351,931 | 2994 | 1891 | 813,627 | 1,187,087 |
| 1978-79 | 16,693 | 349,185 | 2981 | 1881 | 798,808 | 1,169,548 |
| 1979-80 | 16,789 | 345,417 | 3823 | 2160 | 786,372 | 1,154,561 |

*Source: Division of Statistical Services
North Carolina Department of Public Education

Table 3 shows changes in K-12 pupil membership mix from 1976 to 1980. Although there has been a slight increase in the number of American Indian/Alaskan Native, Asian/Pacific Islander and Hispanic students enrolled, the overall enrollment has decreased slightly.

VOCATIONAL ENROLLMENT BY SEX, RACIAL/ETHNIC GROUP SECONDARY, POSTSECONDARY AND ADULT 1979-80

TABLE: 4 (Fy 1982)

| Enrollment By Sex | | | Enrollment By Race/Ethnic Origin | | | |
|-------------------|---------|---------|--------------------------------------|-----------|-------------------|---------|
| | Male | Female | | Secondary | Post Secondary | Adults |
| Secondary | 153,738 | 131,465 | American Indian or Alaskan Native | 4,904 | 1,308 | 2,161 |
| Postsecondary | 56,819 | 52,523 | Black | 93,818 | 24,866 | 43,745 |
| Adults | 104,892 | 137,979 | Asian, or Pacific Islander | 757 | 384 | 837 |
| Total | 315,449 | 321,967 | Hispanic | 516 | 1,951 | 1,206 |
| | | | White | 185,208 | 80,833 | 194,922 |

Vocational Education 1977-78

Vocational education enrollments have increased greatly in North Carolina since the 1970 census of population. With more comprehensive programs at the secondary level and the expansion of the postsecondary system to 57 institutions which offer vocational, technical and upgrading programs, far more people are being reached with vocational and technical training for skills development.

Table 4 presents 1977-78 data on enrollments in vocational education at secondary, postsecondary and adult levels, by sex and by racial/ethnic groups. This table shows the extent to which females and minority races are involved in vocational education and represents progress toward meeting long-range goals for these target groups.

An analysis of Table 4 reveals that:

- . Minorities comprise 28.6 percent of vocational education enrollment at all levels; white 71.4 percent.
- . Females comprise 42.9 percent of enrollment in the total of all levels.
- . Black females make up 43.2 percent of total black enrollment.
- . Minorities comprise 25.6 percent of total postsecondary degree-credit enrollment.
- . Minorities comprise 21.3 percent of the adult vocational education enrollment; whites, 78.7 percent.

TABLE 5

Projected Average Daily Membership Population North Carolina Public Schools, Grades 9-12, 1979 - 1984

| Year | Total Population Grades 9-12 | Annual Decline | Percentage Decline |
|---------------|---------------------------------|--------------------------|--------------------------|
| 1978-79 | 351,167 | - | - |
| 1979-80 | 345,081 | 6,086 | 1.73 |
| 1980-81 | 335,830 | 9,251 | 2.68 |
| 1981-82 | 326,901 | 8,929 | 2.66 |
| 1982-83 | 316,660 | 10,241 | 3.13 |
| 1983-84 | 312,277 | 4,383 | 1.38 |
| Total Decline | 38,890 | Average Decline 7,778 | Average Annual % 2.32 |

Vocational Education 1979-80

With more comprehensive programs at the secondary level and the expansion of the postsecondary system to 58 institutions which offer vocational, technical and upgrading programs, far more opportunities are available in vocational and technical training for skills development.

Table 4 presents 1979-80 data on enrollments in vocational education at secondary, postsecondary and adult levels, by sex and by racial/ethnic groups. This table shows the extent to which females and minority races are involved in vocational education.

An analysis of Table 4 reveals that:

- . Minorities comprise 27.6 percent of vocational education enrollment at all levels; white comprise 72.4 percent.
- . Females comprise 50.5 percent of enrollment in the total of all levels.
- . Minorities comprise 26 percent of total postsecondary curriculum enrollment; whites comprise 74 percent.
- . Minorities comprise 19.74 percent of the adult vocational education enrollment; whites comprise 80.26 percent.

TABLE 5 (F Y 1982)

Projected Average Daily Membership Population
North Carolina Public Schools, Grades 9-12, 1979 - 1984

| Year | Total Population Grades 9-12 | Annual Decline | Percentage Decline |
|---------------|---------------------------------|--------------------------|--------------------------|
| 1978-79 | 351,167 | - | - |
| 1979-80 | 345,081 | 6,086 | 1.73 |
| 1980-81 | 335,830 | 9,251 | 2.63 |
| 1981-82 | 326,901 | 8,929 | 2.66 |
| 1982-83 | 316,660 | 10,241 | 3.13 |
| 1983-84 | 312,277 | 4,383 | 1.38 |
| Total Decline | 38,890 | Average Decline 7,778 | Average Annual % 2.32 |

Table 5 projects a decline in average daily membership (ADM) for grades 9-12 from the 1978-79 school year through the 1983-84 school year in the Public Schools of North Carolina. This represents approximately eleven percent decline, or 38,890 students over the 5-year span. Enrollments in vocational education are projected to remain at about the same level overall for the years of 1981-82. It is assumed that a higher percentage of students will enroll in some type of vocational training programs for exploration and skills development to meet the expanding needs of the labor market in North Carolina.

Employment

Trends in employment show that North Carolina's labor force has grown steadily from 1970 to approximately 2.68 million persons in 1978. The annual average for 1978 shows that 116,000 or 4.3% of the labor force was unemployed, indicating a recovery from the 8.6% unemployment rate in 1975. (The civilian labor force consists of the total of those non-military persons either working or looking for work).

TABLE 6

North Carolina Employment Trends

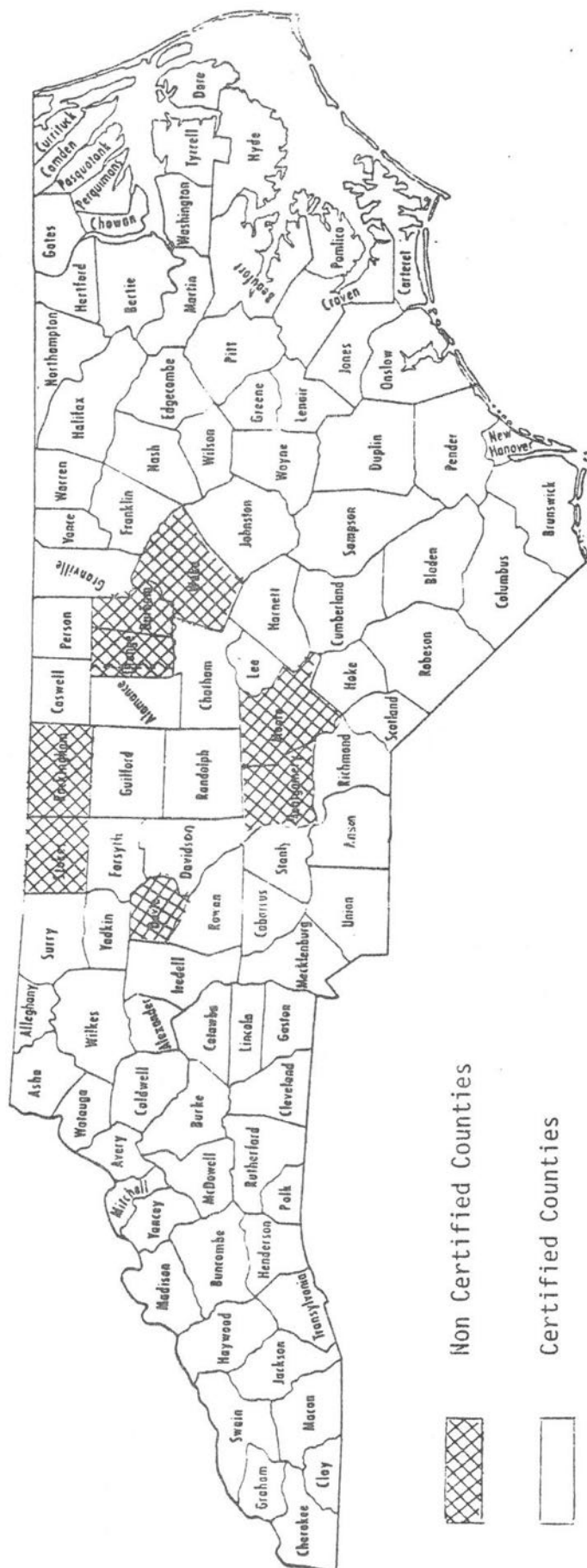
| | 1978 | 1977 | 1976 | 1975 | 1974 |
|----------------------|-----------|-----------|-----------|-----------|-----------|
| Civilian Labor Force | 2,678,000 | 2,620,000 | 2,557,000 | 2,511,000 | 2,452,000 |
| Unemployment, Total | 116,000 | 155,000 | 159,000 | 217,000 | 111,000 |
| Rate of Unemployment | 4.3 | 5.9 | 6.2 | 8.6 | 4.5 |
| Employment, Total | 2,562,000 | 2,465,000 | 2,398,000 | 2,294,000 | 2,341,000 |

Source: Employment Security Commission of North Carolina

Table 7(a) presents 1977 data on employment by sex and race. As revealed by the data, differentials in employment rates continue. Minority females and youth continue to have a higher unemployment rate than white females and white youth. Clearly, this presents a challenge to vocational education and other types of training, as well as business and industry, to focus on education, training and employment of those most in need of these services.

COUNTRIES CERTIFIED FOR ECONOMIC DEVELOPMENT ACT (EDA) PARTICIPATION

OCTOBER 1980



SOURCE: United States Department of Commerce

NOTE: The Secretary of Commerce determines areas eligible for designation as "redevelopment areas" pursuant to Section 401 of the Public Works and Economic Development Act of 1965 (42 U.S.C. 3161). Eligible areas shall be those areas certified to the State Board each year by the Regional Office of the U. S. Department of Commerce, Raleigh, North Carolina.

TABLE 9 COUNTRIES CERTIFIED FOR ECONOMIC DEVELOPMENT ACT PARTICIPATION
CERTIFIED AS OF NOVEMBER 1979

NON CERTIFIED

1. *Davie*
2. *Durham*
3. *Montgomery*
4. *Moore*
5. *Orange*
6. *Rockingham*
7. *Stokes*
8. *Wake*

CERTIFIED

1. Alamance
2. Alexander
3. Alleghany
4. Anson
5. Ashe
6. Avery
7. Beaufort
8. Bertie
9. Bladen
10. Brunswick
11. Buncombe
12. Burke
13. Cabarrus
14. Caldwell

- | | | |
|----------------|-----------------|------------------|
| 15. Camden | 41. Harnett | 67. Perquimans |
| 16. Carteret | 42. Haywood | 68. Person |
| 17. Caswell | 43. Henderson | 69. Pitt |
| 18. Catawba | 44. Hertford | 70. Polk |
| 19. Chatham | 45. Hoke | 71. Randolph |
| 20. Cherokee | 46. Hyde | 72. Richmond |
| 21. Chowan | 47. Iredell | 73. Robeson |
| 22. Clay | 48. Jackson | 74. Rowan |
| 23. Cleveland | 49. Johnston | 75. Rutherford |
| 24. Columbus | 50. Jones | 76. Sampson |
| 25. Craven | 51. Lee | 77. Scotland |
| 26. Cumberland | 52. Lenoir | 78. Stanly |
| 27. Currituck | 53. Lincoln | 79. Surry |
| 28. Dare | 54. Macon | 80. Swain |
| 29. Davidson | 55. Madison | 81. Transylvania |
| 30. Duplin | 56. Martin | 82. Tyrrell |
| 31. Edgecombe | 57. McDowell | 83. Union |
| 32. Forsyth | 58. Mecklenburg | 84. Vance |
| 33. Franklin | 59. Mitchell | 85. Warren |
| 34. Gaston | 60. Nash | 86. Washington |
| 35. Gates | 61. New Hanover | 87. Watauga |
| 36. Graham | 62. Northampton | 88. Wayne |
| 37. Granville | 63. Onslow | 89. Wilkes |
| 38. Greene | 64. Pamlico | 90. Wilson |
| 39. Guilford | 65. Pasquotank | 91. Yadkin |
| 40. Halifax | 66. Pender | 92. Yancey |

SOURCE: U. S. Department of Commerce
Economic Development Administration

TABLE 9 (FY 1982) COUNTIES CERTIFIED FOR ECONOMIC DEVELOPMENT ACT PARTICIPATION
CERTIFIED AS OF OCTOBER 2, 1980

| NON CERTIFIED | |
|---------------|------------|
| 1. | Davie |
| 2. | Durham |
| 3. | Montgomery |
| 4. | Moore |
| 5. | Orange |
| 6. | Rockingham |
| 7. | Stokes |
| 8. | Wake |

CERTIFIED

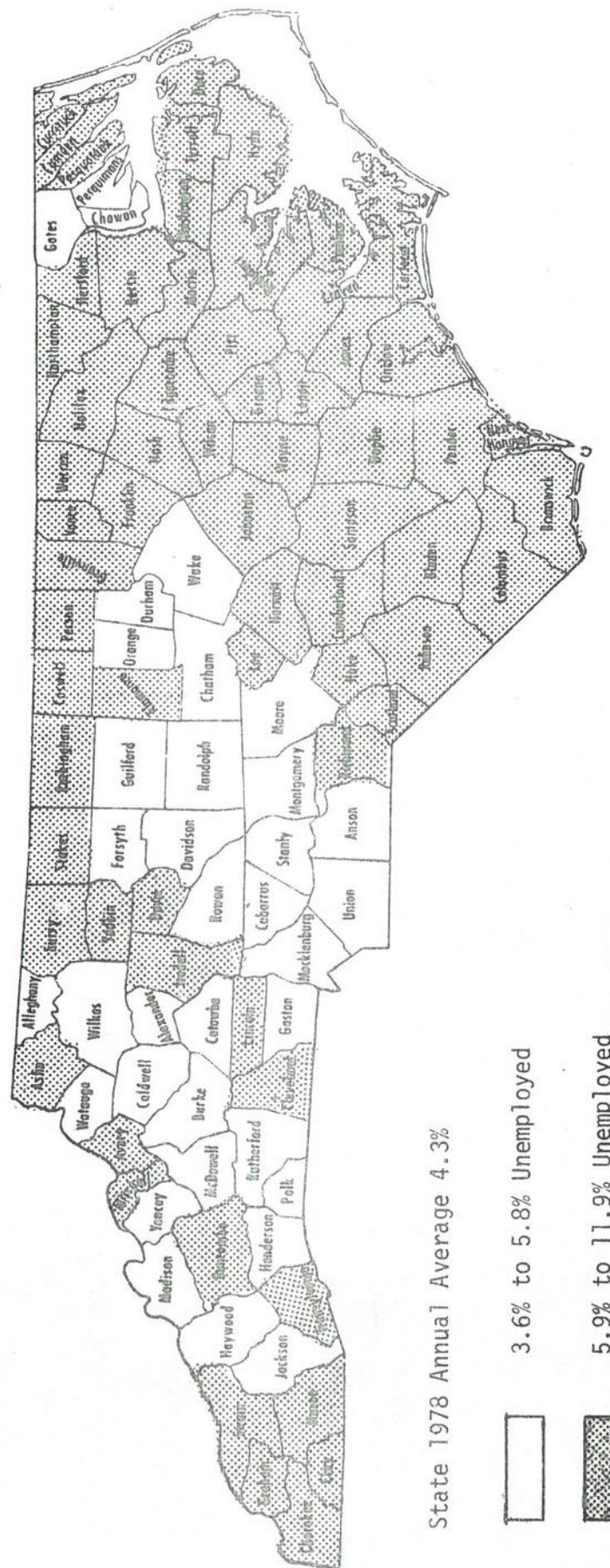
1. Alamance
2. Alexander
3. Alleghany
4. Anson
5. Ashe
6. Avery
7. Beaufort
8. Bertie
9. Bladen
10. Brunswick
11. Buncombe
12. Burke
13. Cabarrus
14. Caldwell

- | | | |
|----------------|-----------------|------------------|
| 15. Camden | 41. Harnett | 67. Perquimans |
| 16. Carteret | 42. Haywood | 68. Person |
| 17. Caswell | 43. Henderson | 69. Pitt |
| 18. Catawba | 44. Hertford | 70. Polk |
| 19. Chatham | 45. Hoke | 71. Randolph |
| 20. Cherokee | 46. Hyde | 72. Richmond |
| 21. Chowan | 47. Iredell | 73. Robeson |
| 22. Clay | 48. Jackson | 74. Rowan |
| 23. Cleveland | 49. Johnston | 75. Rutherford |
| 24. Columbus | 50. Jones | 76. Sampson |
| 25. Craven | 51. Lee | 77. Scotland |
| 26. Cumberland | 52. Lenoir | 78. Stanly |
| 27. Currituck | 53. Lincoln | 79. Surry |
| 28. Dare | 54. Macon | 80. Swain |
| 29. Davidson | 55. Madison | 81. Transylvania |
| 30. Duplin | 56. Martin | 82. Tyrrell |
| 31. Edgecombe | 57. McDowell | 83. Union |
| 32. Forsyth | 58. Mecklenburg | 84. Vance |
| 33. Franklin | 59. Mitchell | 85. Warren |
| 34. Gaston | 60. Nash | 86. Washington |
| 35. Gates | 61. New Hanover | 87. Watauga |
| 36. Graham | 62. Northampton | 88. Wayne |
| 37. Granville | 63. Onslow | 89. Wilkes |
| 38. Greene | 64. Pamlico | 90. Wilson |
| 39. Guilford | 65. Pasquotank | 91. Yadkin |
| 40. Halifax | 66. Pender | 92. Yancey |

SOURCE: U. S. Department of Commerce
Economic Development Administration

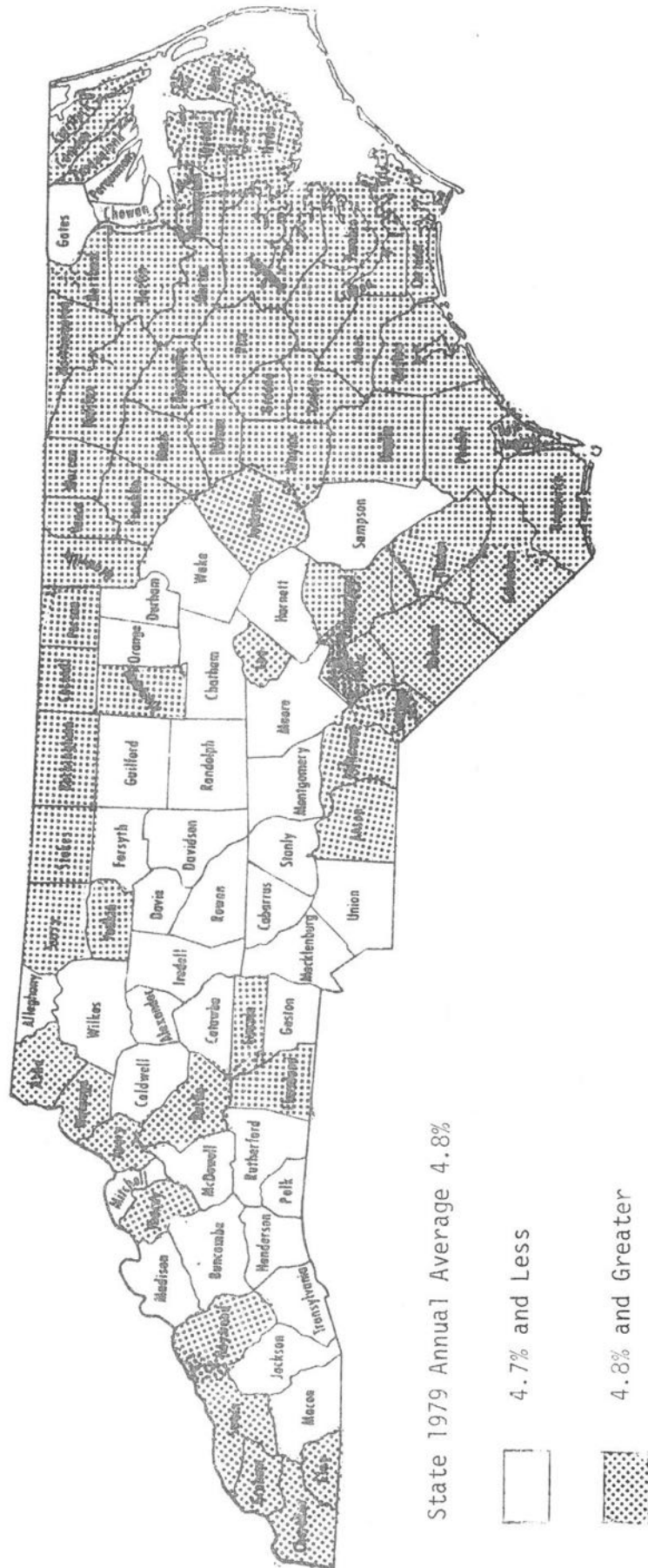
Figure II

GENERAL UNEMPLOYMENT - 1978



SOURCE: North Carolina Employment Security Commission

Figure II (FY 1982)
GENERAL UNEMPLOYMENT - 1979



SOURCE: North Carolina Employment Security Commission

TABLE 10

1978 GENERAL UNEMPLOYMENT

| Counties with Rates of 4.2% and Less | | | | Counties with Rates of 4.3% and Greater | | | |
|--------------------------------------|-----|-----------------|-----|---|------|------------------|------|
| County | % | County | % | County | % | County | % |
| 1. Alexander | 3.3 | 19. Madison | 3.4 | 1. Alamance | 4.7 | 34. Jones | 4.9 |
| 2. Alleghany | 3.9 | 20. McDowell | 3.9 | 2. Ashe | 4.3 | 35. Lee | 5.2 |
| 3. Anson | 3.8 | 21. Mecklenburg | 2.9 | 3. Avery | 5.3 | 36. Lenoir | 6.1 |
| 4. Burke | 4.2 | 22. Montgomery | 2.7 | 4. Beaufort | 4.6 | 37. Lincoln | 5.5 |
| 5. Cabarrus | 2.6 | 23. Moore | 3.8 | 5. Bertie | 7.2 | 38. Macon | 4.7 |
| 6. Caldwell | 2.8 | 24. Orange | 2.8 | 6. Bladen | 6.1 | 39. Martin | 6.4 |
| 7. Catawba | 3.9 | 25. Perquimans | 4.2 | 7. Brunswick | 7.2 | 40. Mitchell | 5.3 |
| 8. Chatham | 3.5 | 26. Polk | 2.8 | 8. Buncombe | 4.4 | 41. Nash | 5.0 |
| 9. Chowan | 4.0 | 27. Randolph | 3.0 | 9. Camden | 5.3 | 42. New Hanover | 6.0 |
| 10. Davidson | 3.0 | 28. Rowan | 2.9 | 10. Carteret | 6.4 | 43. Northampton | 6.0 |
| 11. Durham | 3.2 | 29. Rutherford | 4.2 | 11. Caswell | 5.9 | 44. Onslow | 6.3 |
| 12. Forsyth | 3.5 | 30. Stanly | 3.5 | 12. Cherokee | 6.5 | 45. Pamlico | 8.4 |
| 13. Gaston | 3.3 | 31. Union | 3.1 | 13. Clay | 5.1 | 46. Pasquotank | 4.7 |
| 14. Gates | 3.7 | 32. Wake | 2.7 | 14. Cleveland | 4.6 | 47. Pender | 6.6 |
| 15. Guilford | 3.7 | 33. Watauga | 4.0 | 15. Columbus | 6.0 | 48. Person | 5.5 |
| 16. Haywood | 3.6 | 34. Wilkes | 2.8 | 16. Craven | 4.4 | 49. Pitt | 4.9 |
| 17. Henderson | 3.0 | 35. Yancey | 4.2 | 17. Cumberland | 6.0 | 50. Richmond | 4.8 |
| 18. Jackson | 3.9 | | | 18. Currituck | 4.6 | 51. Robeson | 7.9 |
| | | | | 19. Dare | 5.6 | 52. Rockingham | 5.4 |
| | | | | 20. Davie | 4.3 | 53. Sampson | 5.2 |
| | | | | 21. Duplin | 5.0 | 54. Scotland | 4.5 |
| | | | | 22. Edgecombe | 6.3 | 55. Stokes | 5.2 |
| | | | | 23. Franklin | 5.6 | 56. Surry | 5.4 |
| | | | | 24. Graham | 9.1 | 57. Swain | 8.5 |
| | | | | 25. Granville | 6.0 | 58. Transylvania | 4.3 |
| | | | | 26. Greene | 7.2 | 59. Tyrrell | 11.6 |
| | | | | 27. Halifax | 7.3 | 60. Vance | 6.2 |
| | | | | 28. Harnett | 7.9 | 61. Warren | 8.9 |
| | | | | 29. Hertford | 6.8 | 62. Washington | 5.2 |
| | | | | 30. Hoke | 10.0 | 63. Wayne | 4.6 |
| | | | | 31. Hyde | 9.4 | 64. Wilson | 7.2 |
| | | | | 32. Iredell | 4.4 | 65. Yadkin | 4.3 |
| | | | | 33. Johnston | 4.6 | | |

SOURCE: North Carolina Employment Security Commission

State Average 4.2

1979 GENERAL UNEMPLOYMENT

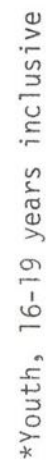
TABLE: 10 (FY 1982)



| Counties with Rates of 4.7% and Less | | | Counties with Rates of 4.8% and Greater | | | |
|--------------------------------------|-----|------------------|---|-----|-----------------|------|
| County | % | County | County | % | County | |
| 1. Alexander | 4.5 | 20. Jackson | 1. Alamance | 5.1 | 31. Johnston | 5.2 |
| 2. Alleghany | 3.7 | 21. Macon | 2. Anson | 5.3 | 32. Jones | 6.1 |
| 3. Buncombe | 4.3 | 22. Madison | 3. Ashe | 5.1 | 33. Lee | 4.8 |
| 4. Cabarrus | 3.2 | 23. McDowell | 4. Avery | 6.3 | 34. Lenoir | 5.1 |
| 5. Caldwell | 4.4 | 24. Mecklenburg | 5. Beaufort | 4.0 | 35. Lincoln | 5.7 |
| 6. Catawba | 4.7 | 25. Mitchell | 6. Bertie | 4.6 | 36. Martin | 6.4 |
| 7. Chatham | 3.4 | 26. Montgomery | 7. Bladen | 3.8 | 37. Nash | 5.1 |
| 8. Chowan | 4.1 | 27. Moore | 8. Brunswick | 4.7 | 38. New Hanover | 6.0 |
| 9. Craven | 4.3 | 28. Orange | 9. Burke | 3.1 | 39. Northampton | 6.0 |
| 10. Davidson | 4.0 | 29. Perquimans | 10. Camden | 3.8 | 40. Onslow | 5.6 |
| 11. Davie | 3.6 | 30. Polk | 11. Carteret | 3.6 | 41. Pamlico | 5.3 |
| 12. Durham | 4.0 | 31. Randolph | 12. Caswell | 3.9 | 42. Pasquotank | 5.1 |
| 13. Forsyth | 4.2 | 32. Rowan | 13. Cherokee | 3.5 | 43. Pender | 6.3 |
| 14. Gaston | 4.2 | 33. Rutherford | 14. Clay | 4.5 | 44. Person | 7.7 |
| 15. Gates | 3.8 | 34. Sampson | 15. Cleveland | 4.6 | 45. Pitt | 5.4 |
| 16. Guilford | 4.4 | 35. Stanly | 16. Columbus | 4.0 | 46. Richmond | 5.7 |
| 17. Harnett | 4.7 | 36. Transylvania | 17. Cumberland | 4.4 | 47. Robeson | 8.3 |
| 18. Henderson | 3.3 | 37. Union | 18. Currituck | 3.2 | 48. Rockingham | 5.6 |
| 19. Iredell | 4.7 | 38. Wake | 19. Dare | 3.2 | 49. Scotland | 5.7 |
| | | 39. Wilkes | 20. Duplin | 4.2 | 50. Stokes | 6.1 |
| | | | 21. Edgecombe | 6.7 | 51. Surry | 6.0 |
| | | | 22. Franklin | 7.6 | 52. Swain | 7.1 |
| | | | 23. Graham | 8.0 | 53. Tyrrell | 11.5 |
| | | | 24. Granville | 6.0 | 54. Vance | 6.8 |
| | | | 25. Greene | 5.2 | 55. Warren | 7.1 |
| | | | 26. Halifax | 7.2 | 56. Washington | 5.0 |
| | | | 27. Haywood | 4.9 | 57. Watauga | 4.9 |
| | | | 28. Hertford | 7.1 | 58. Wayne | 5.5 |
| | | | 29. Hoke | 7.2 | 59. Wilson | 7.1 |
| | | | 30. Hyde | 6.0 | 60. Yadkin | 5.7 |
| | | | | | 61. Yancey | 5.8 |

SOURCE: North Carolina Employment Security Commission

State Average 4.8

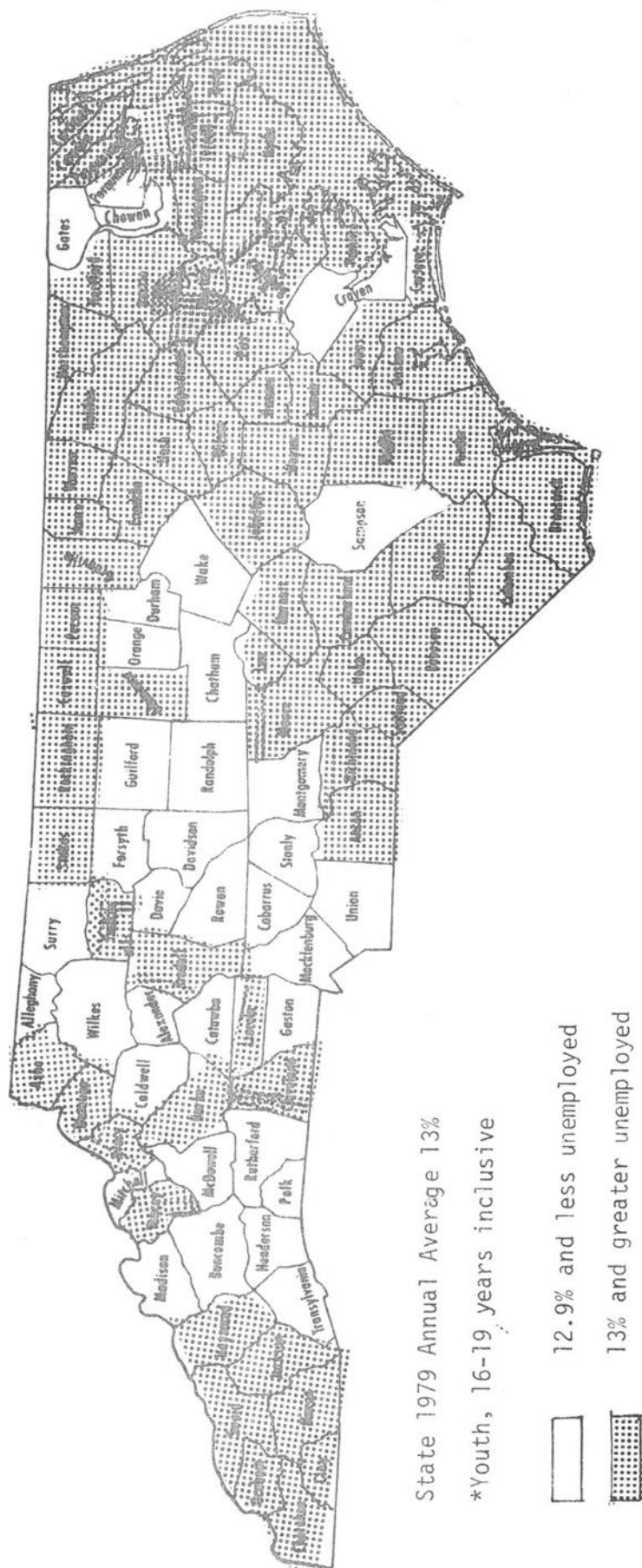
Figure III



| | |
|---|---------------------------|
|  | 14.1% and less Unemployed |
|  | 14.2% and more Unemployed |

SOURCE: North Carolina Employment Security Commission

Figure III (FY 1982)
YOUTH* UNEMPLOYMENT - 1979



SOURCE: North Carolina Employment Security Commission

1978 YOUTH UNEMPLOYMENT
16-19 Years Inclusive

TABLE 11

| Counties with Rates of 14.1% and Less | | | Counties with Rates of 14.2% and Greater | | | | |
|---------------------------------------|------|------------------|--|----------------|------|-----------------|------|
| County | % | County | % | County | % | | |
| 1. Alexander | 11.5 | 20. Jackson | 13.0 | 1. Alamance | 15.5 | 32. Jones | 15.2 |
| 2. Alleghany | 12.5 | 21. Madison | 11.9 | 2. Avery | 17.6 | 33. Lee | 17.0 |
| 3. Anson | 12.5 | 22. McDowell | 12.7 | 3. Beaufort | 15.0 | 34. Lenoir | 19.0 |
| 4. Ashe | 14.1 | 23. Mecklenburg | 9.8 | 4. Bertie | 22.6 | 35. Lincoln | 17.5 |
| 5. Burke | 13.8 | 24. Montgomery | 9.4 | 5. Bladen | 19.4 | 36. Macon | 15.6 |
| 6. Cabarrus | 8.8 | 25. Moore | 12.8 | 6. Brunswick | 22.1 | 37. Martin | 20.2 |
| 7. Caldwell | 9.4 | 26. Orange | 9.6 | 7. Buncombe | 14.5 | 38. Mitchell | 17.6 |
| 8. Catawba | 13.2 | 27. Polk | 8.9 | 8. Camden | 19.0 | 39. Nash | 16.1 |
| 9. Chatham | 11.6 | 28. Randolph | 10.1 | 9. Carteret | 19.0 | 40. New Hanover | 18.9 |
| 10. Chowan | 12.2 | 29. Rowan | 9.8 | 10. Caswell | 18.8 | 41. Northampton | 19.0 |
| 11. Davidson | 10.3 | 30. Rutherford | 13.9 | 11. Cherokee | 20.0 | 42. Onslow | 19.8 |
| 12. Davie | 14.0 | 31. Stanly | 11.5 | 12. Clay | 18.2 | 43. Pamlico | 24.2 |
| 13. Durham | 10.6 | 32. Transylvania | 14.0 | 13. Cleveland | 15.0 | 44. Pasquotank | 15.7 |
| 14. Forsyth | 11.6 | 33. Union | 10.5 | 14. Columbus | 18.7 | 45. Pender | 20.5 |
| 15. Gaston | 11.2 | 34. Wake | 9.3 | 15. Craven | 14.5 | 46. Perquimans | 15.4 |
| 16. Gates | 12.0 | 35. Watauga | 13.3 | 16. Cumberland | 19.0 | 47. Person | 17.4 |
| 17. Guilford | 12.5 | 36. Wilkes | 9.8 | 17. Currituck | 15.0 | 48. Pitt | 15.8 |
| 18. Haywood | 12.2 | 37. Yadkin | 13.8 | 18. Dare | 18.4 | 49. Richmond | 15.5 |
| 19. Henderson | 10.2 | 38. Yancey | 14.0 | 19. Duplin | 16.4 | 50. Robeson | 23.9 |
| | | | | 20. Edgecombe | 19.8 | 51. Rockingham | 17.2 |
| | | | | 21. Franklin | 17.7 | 52. Sampson | 16.7 |
| | | | | 22. Graham | 26.7 | 53. Scotland | 14.7 |
| | | | | 23. Granville | 18.8 | 54. Stokes | 16.4 |
| | | | | 24. Greene | 22.4 | 55. Surry | 17.2 |
| | | | | 25. Halifax | 22.6 | 56. Swain | 25.6 |
| | | | | 26. Harnett | 23.7 | 57. Tyrrell | 35.3 |
| | | | | 27. Hertford | 21.0 | 58. Vance | 19.9 |
| | | | | 28. Hoke | 28.4 | 59. Warren | 26.9 |
| | | | | 29. Hyde | 27.3 | 60. Washington | 17.5 |
| | | | | 30. Iredell | 14.4 | 61. Wayne | 15.0 |
| | | | | 31. Johnston | 14.9 | 62. Wilson | 22.3 |

SOURCE: North Carolina Employment Security Commission

State Average 14

1979 UNEMPLOYMENT
16-19 YEARS INCLUSIVE

TABLE: 11 (FY 1982)

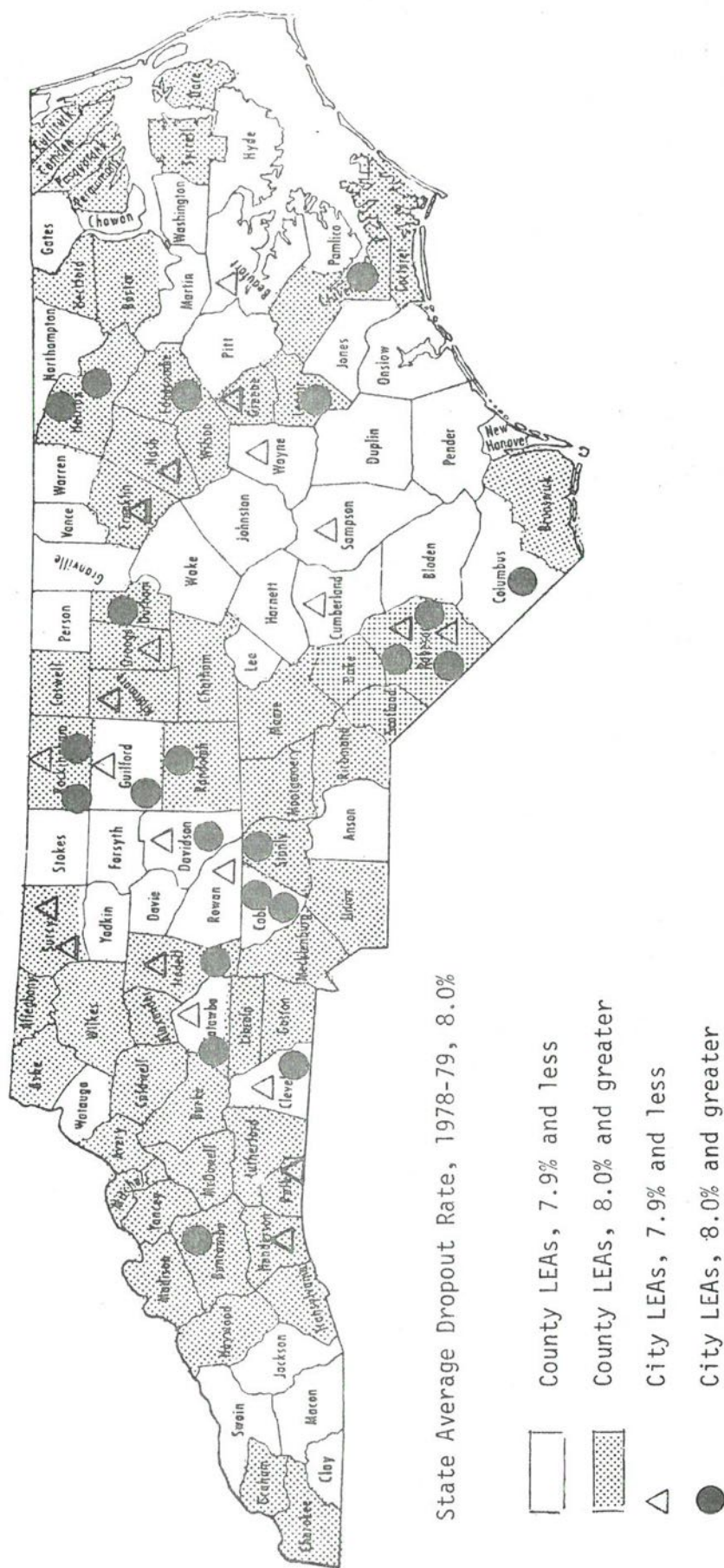
| Counties with Rates of 12.9% and Less | | | | Counties with Rates of 13% and Greater | | | |
|---------------------------------------|------|------------------|------|--|------|-----------------|------|
| County | % | County | % | County | % | County | % |
| 1. Alexander | 12.1 | 18. Madison | 10.9 | 1. Alamance | 13.9 | 33. Jackson | 13.0 |
| 2. Alleghany | 10.0 | 19. McDowell | 12.2 | 2. Anson | 14.4 | 34. Johnston | 14.1 |
| 3. Buncombe | 11.8 | 20. Mecklenburg | 10.9 | 3. Ashe | 13.5 | 35. Jones | 14.8 |
| 4. Cabarrus | 8.8 | 21. Mitchell | 12.5 | 4. Avery | 16.7 | 36. Lee | 13.1 |
| 5. Caldwell | 12.1 | 22. Montgomery | 11.0 | 5. Beaufort | 13.2 | 37. Lenoir | 13.7 |
| 6. Catawba | 12.8 | 23. Orange | 8.5 | 6. Bertie | 15.7 | 38. Lincoln | 14.9 |
| 7. Chatham | 9.2 | 24. Perquimans | 11.1 | 7. Bladen | 16.3 | 39. Macon | 13.1 |
| 8. Chowan | 12.5 | 25. Polk | 9.8 | 8. Brunswick | 18.9 | 40. Martin | 17.2 |
| 9. Craven | 11.8 | 26. Randolph | 10.8 | 9. Burke | 13.2 | 41. Moore | 13.0 |
| 10. Davidson | 10.7 | 27. Rowan | 9.7 | 10. Camden | 15.8 | 42. Nash | 13.9 |
| 11. Davie | 10.5 | 28. Rutherford | 12.1 | 11. Carteret | 17.1 | 43. New Hanover | 16.1 |
| 12. Durham | 10.9 | 29. Sampson | 12.7 | 12. Caswell | 15.0 | 44. Northampton | 15.4 |
| 13. Forsyth | 11.6 | 30. Stanly | 11.1 | 13. Cherokee | 18.2 | 45. Onslow | 15.0 |
| 14. Gaston | 11.4 | 31. Transylvania | 11.5 | 14. Clay | 16.7 | 46. Pamlico | 15.2 |
| 15. Gates | 9.1 | 32. Union | 9.0 | 15. Cleveland | 14.1 | 47. Pasquotank | 13.5 |
| 16. Guilford | 11.9 | 33. Wake | 8.9 | 16. Columbus | 17.1 | 48. Pender | 16.4 |
| 17. Henderson | 9.2 | 34. Wilkes | 11.6 | 17. Cumberland | 17.4 | 49. Person | 19.7 |
| | | | | 18. Currituck | 13.2 | 50. Pitt | 14.4 |
| | | | | 19. Dare | 13.7 | 51. Richmond | 15.2 |
| | | | | 20. Duplin | 14.4 | 52. Robeson | 21.2 |
| | | | | 21. Edgecombe | 17.7 | 53. Rockingham | 15.0 |
| | | | | 22. Franklin | 19.6 | 54. Scotland | 15.2 |
| | | | | 23. Graham | 21.2 | 55. Stokes | 15.8 |
| | | | | 24. Granville | 16.1 | 56. Surry | 16.1 |
| | | | | 25. Greene | 14.3 | 57. Swain | 18.4 |
| | | | | 26. Halifax | 18.7 | 58. Tyrrell | 25.0 |
| | | | | 27. Harnett | 13.2 | 59. Vance | 17.7 |
| | | | | 28. Haywood | 13.2 | 60. Warren | 18.4 |
| | | | | 29. Hertford | 18.9 | 61. Washington | 13.2 |
| | | | | 30. Hoke | 19.0 | 62. Watauga | 13.5 |
| | | | | 31. Hyde | 14.3 | 63. Wayne | 14.8 |
| | | | | 32. Iredell | 13.0 | 64. Wilson | 18.6 |
| | | | | | | 65. Yadkin | 15.3 |
| | | | | | | 66. Yancey | 16.3 |

SOURCE: North Carolina Employment Security Commission

State Average 13.0

Figure IV

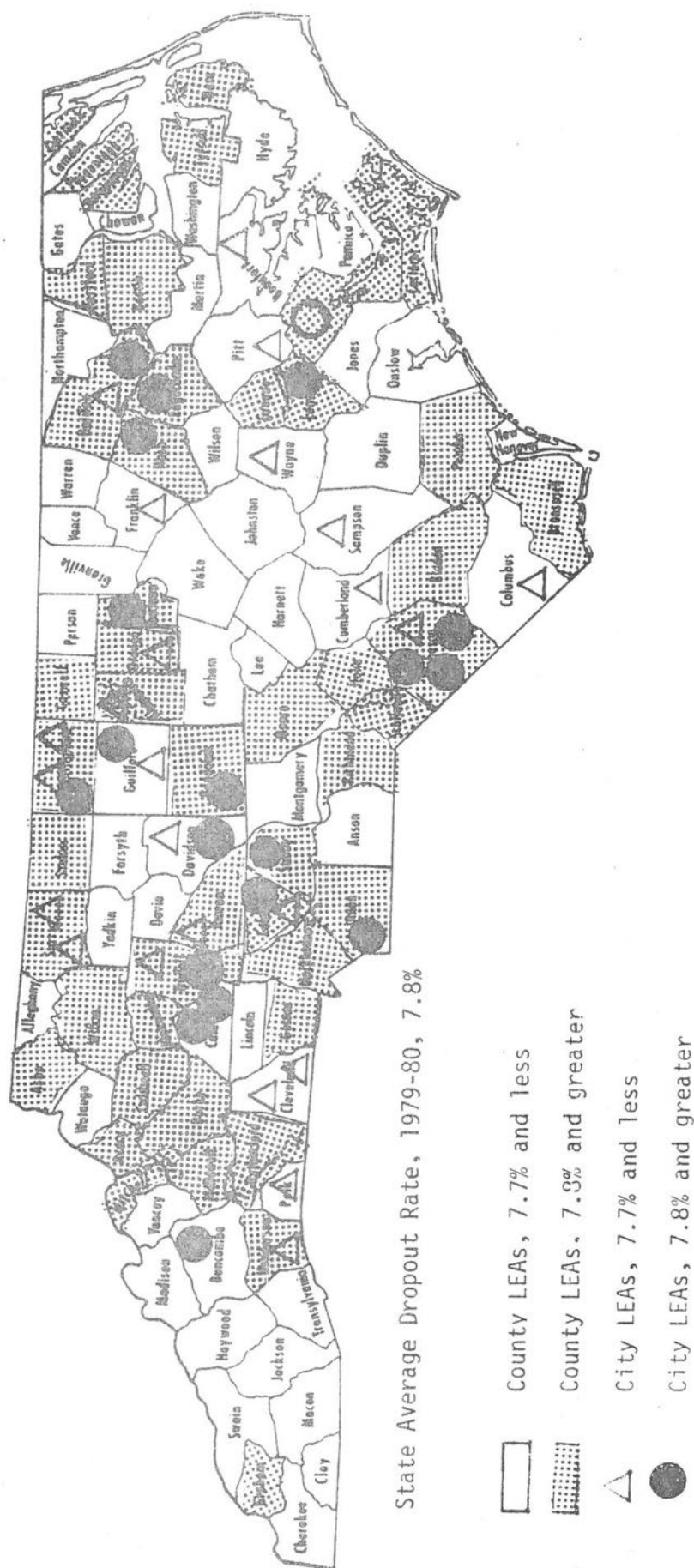
LOCAL EDUCATION AGENCIES WITH DROPOUT RATES OF 8.0% AND GREATER
1978-79 SCHOOL YEAR



SOURCE: Management Information System, N. C. Department of Education

LOCAL EDUCATION AGENCIES WITH DROPOUT RATES OF 7.8% AND GREATER

1979-80 SCHOOL YEAR



SOURCE: Management Information System, N. C. Department of Education

TABLE: 12

1978-79 DROPOUT RATES

| LEAS WITH RATES OF 7.9% AND LESS | | | | | | LEAS WITH RATES OF 8.0% AND GREATER | | | | | |
|----------------------------------|-----|-------------------|-----|----------------|-----|-------------------------------------|------|-----------------|------|------------------|------|
| COUNTY LEA | % | COUNTY LEA | % | COUNTY LEA | % | COUNTY LEA | % | COUNTY LEA | % | COUNTY LEA | % |
| 1. Anson | 7.8 | 15. Gates | 6.0 | 29. Pender | 7.1 | 1. Alamance | 8.2 | 20. Edgecombe | 8.4 | 39. Nash | 9.5 |
| 2. Beaufort | 6.8 | 16. Greenville | 7.7 | 30. Person | 7.1 | 2. Alexander | 9.6 | 21. Franklin | 9.4 | 40. Orange | 11.1 |
| 3. Bladen | 6.7 | 17. Guilford | 6.9 | 31. Pitt | 6.9 | 3. Alleghany | 8.0 | 22. Gaston | 10.0 | 41. Pamlico | 9.7 |
| 4. Cabarrus | 7.9 | 18. Harnett | 7.9 | 32. Rowan | 7.4 | 4. Ashe | 8.2 | 23. Graham | 12.7 | 42. Pasquotank | 11.5 |
| 5. Catawba | 7.9 | 19. Hyde | 5.2 | 33. Sampson | 7.2 | 5. Avery | 9.7 | 24. Greene | 11.4 | 43. Perquimans | 8.6 |
| 6. Chowan | 7.6 | 20. Jackson | 7.9 | 34. Stokes | 6.4 | 6. Bertie | 8.1 | 25. Halifax | 8.6 | 44. Polk | 8.5 |
| 7. Clay | 6.8 | 21. Johnston | 6.3 | 35. Swain | 5.7 | 7. Brunswick | 10.4 | 26. Haywood | 8.3 | 45. Randolph | 10.2 |
| 8. Cleveland | 7.9 | 22. Jones | 6.2 | 36. Vance | 7.0 | 8. Buncombe | 8.4 | 27. Henderson | 8.6 | 46. Richmond | 8.3 |
| 9. Columbus | 6.9 | 23. Sanford - Lee | 5.2 | 37. Wake | 7.1 | 9. Burke | 9.8 | 28. Hertford | 8.6 | 47. Robeson | 8.9 |
| 10. Cumberland | 6.8 | 24. Macon | 5.7 | 38. Warren | 6.1 | 10. Caldwell | 10.1 | 29. Hoke | 11.7 | 48. Rockingham | 8.6 |
| 11. Davidson | 6.8 | 25. Martin | 6.9 | 39. Washington | 5.8 | 11. Carteret | 9.3 | 30. Iredell | 9.7 | 49. Rutherford | 9.2 |
| 12. Davie | 6.0 | 26. New Hanover | 7.5 | 40. Watauga | 5.5 | 12. Caswell | 10.6 | 31. Lenoir | 8.5 | 50. Scotland | 11.0 |
| 13. Duplin | 7.9 | 27. Northampton | 6.9 | 41. Wayne | 5.5 | 13. Chatham | 10.5 | 32. Lincoln | 8.4 | 51. Stanly | 8.1 |
| 14. Forsyth | 5.6 | 28. Onslow | 6.2 | 42. Yadkin | 7.4 | 14. Cherokee | 8.7 | 33. Madison | 8.3 | 52. Surry | 8.7 |
| | | | | | | 15. Craven | 8.6 | 34. McDowell | 10.2 | 53. Transylvania | 9.6 |
| | | | | | | 16. Currituck | 8.0 | 35. Mecklenburg | 8.2 | 54. Tyrrell | 10.7 |
| | | | | | | 17. Dare | 8.9 | 36. Mitchell | 10.1 | 55. Union | 9.7 |
| | | | | | | 18. Durham | 8.0 | 37. Montgomery | 8.1 | 56. Wilkes | 9.7 |
| | | | | | | 19. | 8.3 | 38. Moore | 9.0 | 57. Wilson | 8.3 |
| | | | | | | | | | | 58. Yancey | 8.0 |

| CITIES WITH RATES OF 7.9% AND LESS | | | | | | CITIES WITH RATES OF 8.0% AND GREATER | | | | | |
|------------------------------------|-----|--------------------|-----|-----------------|-----|---------------------------------------|------|---------------------|------|--------------------|-----|
| CITY LEA | % | CITY LEA | % | CITY LEA | % | CITY LEA | % | CITY LEA | % | CITY LEA | % |
| 1. Burlington | 7.0 | 9. Greensboro | 7.6 | 16. Saint Pauls | 7.8 | 1. Albemarle | 12.0 | 9. Kings Mountain | 8.6 | 17. Newton | 8.2 |
| 2. Chapel Hill | 3.2 | 10. Greenville | 4.8 | 17. Salisbury | 7.2 | 2. Asheboro | 8.8 | 10. Kinston | 11.2 | 18. Red Springs | 8.3 |
| 3. Clinton | 7.9 | 11. Hendersonville | 4.6 | 18. Shelby | 6.3 | 3. Asheville | 8.9 | 11. Lexington | 10.4 | 19. Reidsville | 9.0 |
| 4. Eden | 7.9 | 12. Hickory | 7.5 | 19. Statesville | 7.0 | 4. Concord | 8.2 | 12. Madison-Mayodan | 8.8 | 20. Roanoke Rapids | 8.1 |
| 5. Elkin | 5.3 | 13. Lumberton | 7.7 | 20. Thomasville | 6.3 | 5. Durham | 14.5 | 13. Maxton | 8.8 | 21. Tarboro | 8.7 |
| 6. Fayetteville | 6.1 | 14. Mount Airy | 6.9 | 21. Tryon | 6.8 | 6. Fairmont | 11.2 | 14. Monroe | 9.4 | 22. Weldon | 9.4 |
| 7. Franklinton | 7.7 | 15. Rocky Mount | 7.7 | 22. Washington | 7.0 | 7. High Point | 10.2 | 15. Mooresville | 9.0 | 23. Whiteville | 8.8 |
| 8. Goldsboro | 6.5 | | | | | 8. Kannapolis | 10.5 | 16. New Bern | 10.9 | | |

SOURCE: Management Information System, N. C. Department of Education

State Average 8.0

TABLE: 12 (FY 1982)

| LEAS WITH RATES OF 7.7% AND LESS | | | | LEAS WITH RATES OF 7.8% AND GREATER | | | |
|------------------------------------|-----|--------------------|-----|---------------------------------------|-----|-----------------|------|
| COUNTY LEA | % | COUNTY LEA | % | COUNTY LEA | % | COUNTY LEA | % |
| 1. Anson | 6.3 | 18. Franklin | 7.5 | 35. Northampton | 5.9 | 1. Alamance | 8.7 |
| 2. Alleghany | 7.3 | 19. Gates | 7.5 | 36. Onslow | 6.0 | 2. Alexander | 8.8 |
| 3. Beaufort | 7.6 | 20. Granville | 7.7 | 37. Pamlico | 6.9 | 3. Ashe | 8.3 |
| 4. Buncombe | 7.4 | 21. Guilford | 6.6 | 38. Person | 6.1 | 4. Avery | 8.8 |
| 5. Camden | 5.5 | 22. Harnett | 7.2 | 39. Pitt | 6.6 | 5. Bertie | 9.7 |
| 6. Catawba | 6.7 | 23. Haywood | 7.4 | 40. Polk | 6.7 | 6. Bladen | 8.0 |
| 7. Chatham | 7.7 | 24. Hyde | 4.8 | 41. Sampson | 6.7 | 7. Brunswick | 9.4 |
| 8. Cherokee | 7.5 | 25. Jackson | 7.7 | 42. Swain | 7.6 | 8. Burke | 9.5 |
| 9. Chowan | 5.5 | 26. Johnston | 6.2 | 43. Transylvania | 6.6 | 9. Cabarrus | 8.1 |
| 10. Clay | 6.2 | 27. Jones | 7.3 | 44. Vance | 7.0 | 10. Caldwell | 10.2 |
| 11. Cleveland | 6.8 | 28. Sanford - Lee | 6.1 | 45. Wake | 7.5 | 11. Carteret | 8.7 |
| 12. Columbus | 7.7 | 29. Lincoln | 7.5 | 46. Warren | 6.0 | 12. Caswell | 9.3 |
| 13. Cumberland | 6.9 | 30. Macon | 5.9 | 47. Washington | 6.9 | 13. Craven | 8.8 |
| 14. Davidson | 7.0 | 31. Madison | 7.4 | 48. Watauga | 6.2 | 14. Currituck | 11.3 |
| 15. Davie | 5.7 | 32. Martin | 7.0 | 49. Wayne | 5.9 | 15. Dare | 8.0 |
| 16. Duplin | 7.5 | 33. Montgomery | 7.5 | 50. Wilson | 7.0 | 16. Durham | 8.2 |
| 17. Forsyth | 5.5 | 34. New Hanover | 7.6 | 51. Yadkin | 7.3 | 17. Edgecombe | 9.6 |
| | | | | 52. Yancey | 7.1 | | |
| CITIES WITH RATES OF 7.7% AND LESS | | | | CITIES WITH RATES OF 7.8% AND GREATER | | | |
| CITY LEA | % | CITY LEA | % | CITY LEA | % | CITY LEA | % |
| 1. Burlington | 7.7 | 5. Goldsboro | 5.3 | 17. Roanoke Rapids | 6.8 | 8. Kannapolis | 9.9 |
| 2. Chapel Hill | 4.4 | 10. Greensboro | 8.3 | 18. Salisbury | 7.7 | 9. Kinston | 8.9 |
| 3. Clinton | 5.5 | 11. Greenville | 5.5 | 19. Shelby | 5.7 | 10. Lexington | 8.6 |
| 4. Concord | 7.4 | 12. Hendersonville | 5.9 | 20. Statesville | 7.5 | 11. Lumberton | 7.3 |
| 5. Eden | 7.1 | 13. King Mountain | 7.0 | 21. Thomasville | 5.6 | 12. Monroe | 10.3 |
| 6. Elkin | 5.0 | 14. Madison/Hayden | 6.5 | 22. Tryon | 4.7 | 13. Mooresville | 8.5 |
| 7. Fayetteville | 5.7 | 15. Mt. Airy | 4.9 | 23. Washington | 5.3 | 14. New Bern | 10.4 |
| 8. Franklinton | 6.2 | 16. Red Springs | 6.7 | 24. Whiteville | 7.6 | | |
| | 5.3 | | | | | | |

SOURCE: Management Information System, N. C. Department of Education

State Average 7.8

FY 1981-1982 ANNUAL PROGRAM PLANNING AND BUDGETING

Secondary, Postsecondary and Adult

Preceding sections of this Plan provide data and information related to the socio-economic factors in North Carolina and the continuing need for vocational/technical education and special manpower services. An analysis of the data and information, coupled with recommendations from the Vocational Education State Plan Committee, the State Advisory Council, Statewide Public Hearings, Office of Equal Opportunity and State Vocational staff reveal many unmet vocational education needs in North Carolina.

In response to the many unmet needs, the State Board of Education provides leadership and resources for vocational/technical education opportunities through 145 Local Education Agencies and 57 area Community Colleges, Technical Colleges, and Technical Institutes.

Twelve broad and continuing goals for vocational education in North Carolina have been established by the State Board for purpose of direction. Administrative provisions which govern process toward realization of these goals may be found in the Five Year Plan for Vocational Education.

The twelve continuing goals are listed on Page 26 following this introductory statement.

A main purpose of the Vocational Education Section of the Education Amendments of 1976 is aimed at providing skills for meeting employment needs. The main thrust of the sections that follow is attuned to achieving that purpose. Skills for employment needs are acquired within the public secondary and postsecondary schools through programs of instruction offered by seven broad program areas. These are:

- Agriculture
- Distribution and Marketing
- Health Occupations
- Occupational Home Economics
- Business and Office Education
- Technical Education
- Trade and Industrial Education

In addition, consumer and homemaking skills are offered through Consumer and Homemaking Education which is a separate part of the Act and of this Plan. Persons with special needs are generally served through one or more of the above program areas.

A rationale is presented for each of the preceding broad program areas as to why such programs should be offered and funded.

- . Improvement of articulation between and within secondary and postsecondary vocational education in order to facilitate the transition of students between the two levels and in order to eliminate duplicated curricular requirements.
- . Research, developmental, and evaluation activities to discover more effective and efficient strategies for responding to the vocational education needs of youth and adults.
- . Expansion and improvement of opportunities for staff development, especially for personnel in new or modified programs of vocational education, through the articulated efforts of all levels of education - secondary, postsecondary, and higher education -, business and industry and other related institutions.
- . Development, adaptation, and/or updating of appropriate curricular materials in vocational education.

In order to fulfill these commitments, the State Agency will assist local educational agencies with the following activities:

- . The development of comprehensive local plans based upon needs assessment.
- . Curriculum development and implementation, including alternatives such as extended day programs and individualized instruction.
- . Continuous staff development.
- . Continuous evaluation of programs, including follow-up of completers and leavers, with emphasis on evaluating the effectiveness of vocational education in serving the needs of special populations, including students pursuing jobs in areas classified as "non-traditional" for them.

Furthermore, the State Agency will provide financial support for local programs consistent with State Board policies and to the extent that funds are provided by federal, state, and local governments.

In order to carry out the mission of vocational education, to respond more adequately to the needs identified in this Plan, and to comply with the mandates of Public Law 94-482 (the "Vocational Education Amendments of 1976"), the State Board submits its Annual Plans for Fiscal Years 1981-1982.

CONTINUING GOALS FOR VOCATIONAL EDUCATION (FY 1982)

Secondary, Postsecondary and Adult

Mission of Vocational Education:

The mission of Vocational Education within the Department of Public Instruction and the Department of Community Colleges is to provide necessary administrative and consultative leadership throughout the State for ensuring that all youth and certain adults, who need, want, and can profit from vocational education and/or consumer and homemaking education have ready access to such education which is of high quality, which is suited to their needs, interests, and aspirations, and which is realistic in light of actual or anticipated opportunities for gainful employment.

Goals for Carrying Out the Mission for Vocational Education:

Within the mission for vocational education, the State Boards of Education and Community Colleges have adopted twelve broad and comprehensive goals through which leadership and/or resources will be provided to promote quality vocational education.

- . More diversified vocational and consumer and homemaking education for a higher percentage of youth and adults to be trained or retrained.
- . Continued development and improvement of vocational education opportunities and supportive services for disadvantaged youth and adults, handicapped youth and adults, and youth and adults residing in areas of the State which are economically depressed, have high rates of unemployment, and/or have high rates of school dropouts.
- . Local planning for vocational and consumer and homemaking education which will correlate program offerings with labor market needs, present and potential student interests, and with annual assessment of the effectiveness and efficiency of current programs in relation to continuing objectives.
- . Recognition and promotion of vocational student organizations as an integral part of vocational education.
- . Elimination of sex/racial/handicapped bias and discrimination in vocational education.
- . Expansion of vocational counseling, job placement and follow-up services.
- . Attention to vocational education needs of American Indians, women, minorities, persons of limited English speaking ability, and qualified inmates of correctional institutions.
- . Promotion of apprenticeship-related instruction, cooperative education, and vocational education for new and emerging occupations.

- . Improvement of articulation between and within secondary and postsecondary vocational education in order to facilitate the transition of students between the two levels and in order to eliminate duplicated curricular requirements.
- . Research, developmental, and evaluation activities to discover more effective and efficient strategies for responding to the vocational education needs of youth and adults.
- . Expansion and improvement of opportunities for staff development, especially for personnel in new or modified programs of vocational education, through the articulated efforts of all levels of education - secondary, postsecondary, and higher education -, business and industry and other related institutions.
- . Development, adaptation, and/or updating of appropriate curricular materials in vocational education.

In order to fulfill these commitments, the State Agencies will assist local educational agencies/institutions with the following activities:

- . The development of comprehensive local plans based upon needs assessment.
- . Curriculum development and implementation, including alternatives such as extended day programs and individualized instruction.
- . Continuous staff development.
- . Continuous evaluation of programs, including follow-up of completers and leavers, with emphasis on evaluating the effectiveness of vocational education in serving the needs of special populations, including students pursuing jobs in areas classified as "non-traditional" for them.

Furthermore, the State Agencies will provide financial support for local programs consistent with policies of the State Boards of Education and Community Colleges and to the extent that funds are provided by federal, state, and local governments.

In order to carry out the mission of vocational education, to respond more adequately to the needs identified in this Plan, and to comply with the mandates of Public Law 94-482 (the "Vocational Education Amendments of 1976"), the State Board submits the amendments to the Annual Plan for Fiscal Years 1981-1982.

RATIONALE FOR VOCATIONAL PROGRAMS AS RELATED TO EMPLOYMENT NEEDS

A main purpose of the Vocational Education Section of the Education Amendments of 1976 is aimed at providing job skills to meet employment needs. Such job skills are acquired through vocational education programs within the public secondary and postsecondary schools in addition to private sources of training.

The paragraphs which follow relate to program areas through which job skill training is offered. These paragraphs broadly set forth the reasons for offering instruction in these program areas and for use of funds to support such program areas. The rationale statements are in support of enrollments and funding applied to programs as presented in Table 13.

01. AGRICULTURE The field of production agriculture plus off-farm related agricultural occupations present a broad and diversified area of employment in North Carolina with total employment of some 169,053 persons, according to Table 8. Economic projections are for gross farm income to increase from 2,973 million dollars in 1975 to 4,102 million dollars in 1982, with significant increases in all segments of production agriculture.

The need for numbers of farmers will decrease slightly due to consolidation of farms and applied chemical and mechanical technology, even as demand for increased production increases. Both present and prospective farmers need new and continuing Vocational/Technical education in many segments of agriculture, including environmental issues, economics and management, and applied technology.

Federal funds, with matching state and local funds are applied to four programs at the secondary level. Other programs are funded entirely with state and local funds. At the postsecondary level, federal funds are applied to four programs of agriculture.

04. DISTRIBUTIVE EDUCATION Distribution and marketing represent one of the larger employment areas in North Carolina with a projected growth in numbers of workers needed over the next three years. In order to meet enrollment and placement needs, federal funds are applied as an incentive to increase completions and placement to fill labor market needs.

07. HEALTH OCCUPATIONS An estimated total of 21,873 allied health workers are needed to fill expansion and replacement needs in jobs requiring less than a baccalaureate degree by 1982.

Health Occupations programs at the secondary level provide basic entry level skill experiences for many advanced programs in Health Occupations. Funding for secondary Health Occupations programs for 1979 will come from state and local sources. Federal funds, coupled with state and local funds are used in many of the postsecondary programs which provide more hours of training of a specialized nature to comply with license requirements.

ANALYSIS OF CHANGES IN ADULT ENROLLMENT
AND FUNDING TO MEET EMPLOYMENT NEEDS
FY 1981

The following analysis has been done comparing the projections for FY 1981 in the Five-Year State Plan and the projections for FY 1981 in the Annual Plan.

Enrollment

An increase in enrollment is projected, due in part to the realignment of vocational program enrollment, previously projected with post-secondary enrollment. Approximately 29,503 of the projected adult enrollment of 235,288 is expected to be vocational program enrollment. Of the remaining 205,785 enrolled, approximately 75 percent will be enrolled for supplemental or up-grading training. It is projected that the vocational enrollment will remain relatively constant. The large decline of projected enrollments in Trade and Industry has occurred in Foremanship/Management Development, Firemanship, Law Enforcement, and the building trades.

Funding

The increase in federal, state, and local funding reflects the addition of vocational enrollments to the adult category. Additional state and local funds are projected to compensate for increased costs.

ANALYSIS OF CHANGES IN ENROLLMENT AND FUNDING FY 1982
TO MEET EMPLOYMENT NEEDS (SECONDARY)

(See Page 71 for FY 1981, same for 1982)

ESTIMATED FUNDING BY PUR: - - FY 1982

TABLE 10

| P R O G R A M S E R V I C E | SECONDARY | | | POST-SECONDARY | | | ADULT | | | TOTAL | |
|---|------------|--------------|--------------|----------------|------------|-----------|-----------|------------|-----------|------------|-------------|
| | FEDERAL | STATE | LOCAL | FEDERAL | STATE | LOCAL | FEDERAL | STATE | LOCAL | STATE | LOCAL |
| DISADVANTAGED | 2,669,776 | 1,067,810 | 1,501,866 | 2,326,254 | 1,326,254 | | | | | 3,296,030 | 2,394,164 |
| Limited English Speaking | 546 | 218 | 328 | 8,706 | 8,706 | | | | | 9,252 | 8,924 |
| HANDICAPPED | 1,335,361 | 534,064 | 801,097 | 667,480 | 667,480 | | | | | 2,002,641 | 1,201,544 |
| | | | | | | | | | | | 801,097 |
| SUBPART 2 (Section 120) SUBTOTAL | 6,890,793 | 37,650,000 | 16,800,000 | 2,073,681 | 69,719,950 | 9,134,750 | 1,371,200 | 41,432,700 | 7,235,500 | 10,335,674 | 148,802,650 |
| A. Vocational Education | 6,262,620* | 31,500,000** | 15,400,000** | 1,740,766 | 44,522,700 | 2,867,500 | 1,371,200 | 34,601,400 | 7,207,500 | 9,374,586 | 110,624,100 |
| B. Work-Study | 369,000 | -- | 125,000 | 11,250 | | 11,250 | | | | 311,250 | 136,250 |
| C. Cooperative Education | | | | | [722,000] | | | | | | [6,854,000] |
| D. Energy Education | | | | | | | | | | | [4,596] |
| E. Construction | | | | 225,000 | -0- | 4,000,000 | | | | 225,000 | 4,000,000 |
| F. Sex Bias Office Personnel | 45,000 | -- | -- | 41,665 | | | | | | 86,665 | |
| I. Industrial Arts | | 1,500,000 | 600,000 | | | | | | | | 1,500,000 |
| J. Support Services for Women | | | | | | | | | | | 600,000 |
| K. Day Care Services | | | | | | | | | | | |
| L. Programs/Homenakers, Head-House. | | | | | | | | | | | |
| 102 a Administration State (81.6) | 283,173 | 2,400,000 | 675,000 | | 1,659,350 | | | 571,400 | | 338,173 | 4,630,750 |
| Local | | | | | 23,537,900 | 2,256,000 | | 6,259,900 | 28,000 | | |
| SUBPART 3 (Section 130) SUBTOTAL | 2,455,332 | 274,080 | 248,005 | 1,227,482 | 8,565,066 | 123,000 | | 1,693,000 | | 3,682,814 | 10,632,146 |
| 1. Research | 171,317 | 28,485 | -- | 135,000 | 30,366 | | | | | 306,317 | 58,851 |
| 2. Exemplary | 150,000 | -- | -- | | | | | | | 150,000 | |
| 3. Curriculum Development | 150,000 | -- | -- | 64,000 | 379,700 | | | | | 214,000 | 379,700 |
| 4. Guidance and Counseling | 611,632 | 174,503 | 248,005 | 1,000,000 | 6,752,500 | 123,000 | | 1,693,000 | | 1,611,632 | 8,620,003 |
| 5. Preservice and Inservice Training | 1,308,531 | -- | -- | 13,682 | | | | | | 1,322,213 | |
| 6. Grants (Overcome Sex Bias) | | | | 800 | | | | | | 800 | |
| 102 a Administration State | 63,852 | 71,092 | -- | 14,000 | | | | | | 77,852 | 71,092 |
| Local | | -- | -- | | 1,502,500 | | | | | | 1,502,500 |
| SUBPART 4 (Section 140) Special Program for Disadvantaged | | | | | | | | | | | |
| SUBPART 5 (Section 150) Consumer/Homenaking Ancillary Services | | | | | | | | | | | |
| Program Instruction | 110,000 | 650,000 | 350,000 | | | | | 1,852,500 | 3,000 | 110,000 | 2,502,500 |
| Depressed Areas | 1,158,081 | 6,502,000 | 2,738,500 | | | | | | | 1,158,081 | 6,502,000 |
| SUBPART 1 (Section 102 d) | 97,182 | -- | -- | 48,584 | | | | | | 145,766 | |
| TOTAL | 15,105,601 | 46,678,272 | 22,578,596 | 5,546,523 | 80,387,456 | 9,257,750 | 1,371,200 | 44,978,200 | 7,238,500 | 22,023,324 | 172,043,928 |
| *\$ 194,769 Special Projects | | | | | | | | | | | 39,074,846 |
| ** 1,212,578 State and Local previously reported under Sub-Part III | | | | | | | | | | | |
| [] Non-Add | | | | | | | | | | | |

Formula
Limited English Speaking Ability

Estimated data for 1980 (N.C. Department of Administration)

Population - age 15-24 1,167,596

Estimated number of limited English speaking ability

Secondary - 160

Post-secondary - 2542

Total - 2702

Formula

$$\begin{array}{lcl} \text{Step 1} & \frac{\text{Number of limited English speaking ability (age 15-24)}}{\text{Population (age 15-24)}} & \frac{2702}{1,167,596} = .00231 \end{array}$$

$$\begin{array}{lcl} \text{Step 2} & \text{Ratio x Disadvantaged set-aside = minimum funding} & \\ & .00231 \times \$4,005,282 = \$9252 & \end{array}$$

$$\begin{array}{lcl} \text{Step 3} & \text{Secondary portion of minimum funding} = \frac{160}{2702} = .059 & \\ & .059 \times \$9252 = \$546 & \end{array}$$

$$\begin{array}{lcl} \text{Step 4} & \text{Post-secondary portion of minimum funding} = \frac{2542}{2702} = .941 & \\ & .941 \times \$9252 = \$8706 & \end{array}$$

Table 18A

PROJECTED FY 1981 CARRYOVER FUNDS
BY PURPOSE OF THE ACT
FOR FY 1982

| PURPOSE OF ACT | SECONDARY | | POST-SECONDARY/ADULT | |
|--------------------------|------------------------------------|----------------------|------------------------------------|----------------------|
| | Estimated Balance Federal Funds | State/Local Match | Estimated Balance Federal Funds | State/Local Match |
| Disadvantaged | [\$700,000] | [\$700,000] | [\$365,000] | [\$365,000 *] |
| Limited English Speaking | -0- | -0- | -0- | -0- |
| Handicapped | [225,000] | [225,000] | [191,000] | [191,000 *] |
| Subpart 2 | 1,225,000 | 925,000 | 800,000 | 556,000 |
| Subpart 3 | 215,000 | -0- | 38,000 | -0- |
| Subpart 4 | 45,000 | -0- | 93,000 | -0- |
| Subpart 5 | -0- | -0- | -0- | -0- |
| Subpart 1 Sec 102(d) | 30,000 | -0- | 2,000 | -0- |
| Total | 1,515,000 | 925,000 | 933,000 | 556,000 |

* State and local match for post-secondary/adult funds will not be additional funds but will be matched from funds listed on Table 18.

TABLE: 19

ACTIVITIES, ESTIMATED BUDGET AND BENEFITS BY PURPOSE - FY 1982

LEVEL: Secondary

| ACTIVITIES | 1982 ESTIMATED TOTAL FUNDS | BENEFITS |
|---|---------------------------------------|--|
| <p><u>DISADVANTAGED (Subpart 2)</u></p> <p>SUBTOTAL</p> <p>Funds appropriated under the basic grant for vocational education for the disadvantaged shall be used to pay up to 50% of the "excess cost" to extend, improve and, where necessary maintain existing classroom, shop, laboratory, or field instruction in public secondary vocational education programs.</p> <ol style="list-style-type: none"> 1. Provide learning experiences and special services for disadvantaged youth to enable them to further pursue vocational education or to achieve entry level employment. 2. Provide state level leadership and state/federal resources to local units to serve disadvantaged students. 3. Diagnostic procedures will be developed by each LEA for appropriate screening and identification of disadvantaged students, mainstreaming where possible and establishing special programs where necessary. 4. Provide in-service activities for teachers of disadvantaged and special materials for instruction. 5. Render those necessary support services over and above those needed by regular students. 6. Identify dropouts and potential dropouts among disadvantaged students and provide alternative opportunities to enable them to succeed in regular programs or obtain employment. 7. Provide programs for limited English speaking students. | <p>\$ 5,339,042 (\$1,400,000)</p> | <ol style="list-style-type: none"> 1. Approximately 17,167 disadvantaged students in grades 7-12 will have benefited from special programs, services, and activities to enable them to succeed in vocational education. 2. Improvement in programs, instruction, and services will result from state leadership, services, and allotted funds. 3. Students will be identified and placed where they can benefit most from instruction and services. Special services and activities such as special learning aids, teaching aids, tutors, and additional time from regular teachers, will be provided beyond the regular classroom instruction. <p>Special classes, with modified curriculum and teaching methods, will be provided for the severely disadvantaged who cannot be mainstreamed.</p> <ol style="list-style-type: none"> 4. Teachers and disadvantaged students will benefit from special in-service programs for teachers and special teaching aids to more adequately serve the students. In-service for teachers may be provided from several sources of funds. 5. Support services may be in the form of special diagnostic and evaluative services, special tutors, teacher aids, counseling, and adapted teaching materials. 6. Optional or extended day programs will be provided where needed to serve disadvantaged students. 7. Special services such as tutoring and providing special learning aids will assist these students to learn English as a second language, which will enable them to be more successful in vocational programs. |
| <p><u>HANDICAPPED (Subpart 2)</u></p> <p>SUBTOTAL</p> <p>Provide statewide leadership and federal/state/local resources to provide learning experiences in vocational education for handicapped students according to their special needs and abilities through 144 Local Education Agencies.</p> | <p>\$ 2,670,322 (\$450,000)</p> | <ol style="list-style-type: none"> 1. Handicapped students will be identified by criteria and provided with special vocational education programs and services. 2. Approximately 6,668 students will receive special vocational education and services. 3. Students will be made employable to the extent of their abilities through special programs. |

| ACTIVITIES, ESTIMATED BUDGET AND BENEFITS BY PURPOSE - FY 1982 | | |
|---|--|---|
| TABLE: 19 | ACTIVITIES | BENEFITS |
| LEVEL: Secondary | | |
| | 1982 ESTIMATED TOTAL FUNDS | |
| SUBPART 2 (Section 120) | SUBTOTAL | |
| Vocational Education To maintain, extend and improve programs of vocational education, and develop new programs of vocational education through 144 Local Education Agencies in the state. | \$61,340,793 (\$300,000) \$53,162,620 (\$250,000) | 1. Approximately 281,000 students in grades 7-12 will receive vocational education through cooperative use of federal, state, and local funds. 2. Target groups receiving vocational education at secondary level will consist of: a. Prevocational, b. Vocational skill development, c. Disadvantaged, d. Handicapped, and e. Limited English-speaking students. |
| Work Study Work-study funds will be allocated to Local Education Agencies by criteria established in the State Plan. | \$ 425,000 (\$20,000) | Approximately 1,450 disadvantaged vocational students per year will receive financial assistance through work-study, enabling them to remain in school. |
| Cooperative Education 1. Cooperative Vocational Education will be conducted through program areas at skill development levels in 144 Local Education Agencies. 2. Cooperative Education programs will be funded with state and local funds and will be conducted by criteria established in the Five Year State Plan. | [\$ 8,875,000] | 1. Approximately 22,100 students per year will have opportunity to participate in cooperative education at skill development level through several program areas. 2. Students will have opportunity to experience specialized occupations with remuneration from part time employment. |
| Energy Education (N/A) Sex Equity Personnel 1. Maintain full time person to eliminate sex-bias and discrimination in vocational programs. 2. Maintain office to fulfill requirements of the Act as stated in the State Plan. | \$ 45,000 (\$15,000) | 1. Full time person will provide leadership in vocational education opportunities to persons of both sexes. 2. Progress will be made toward eliminating sex bias and sex stereotyping from vocational programs. |
| Industrial Arts Provide state level leadership and state resources to Industrial Arts programs which comply with requirements of the Act. | \$ 2,100,000 | 1. Industrial Arts instructional programs will improve in quality through state leadership, in-service for teachers, curriculum development and additional materials and equipment. 2. Approximately 15,750 Industrial Arts students per year will benefit from programs designed to assist them in making meaningful occupational choices and/or prepare them for entry into advanced trade and industrial or technical education programs. |
| 102(a) ADMINISTRATION 1. State Administration Provide state staff for administration and supervision of vocational education. | \$ 2,683,173 (\$15,000) | 1. Maintenance of state vocational education staff and activities to ensure direction and quality of programs within state. |

| TABLE: 19 LEVEL: Secondary | ACTIVITIES, ESTIMATED BUDGET AND BENEFITS BY PURPOSE - FY 1982 | | |
|-------------------------------|---|---|---|
| | ACTIVITIES | 1982 ESTIMATED TOTAL FUNDS | BENEFITS |
| | 2. Local Administration (a) Provide resources and consultant help to 144 Local Education Agencies for local administration, supervision, and evaluation of local programs. (b) State and local funds support a local director/planner for each Local Education Agency. | \$ 2,925,000 \$ 2,977,417 (\$215,000) \$ 199,802 (\$40,000) | 2. Local planning, administration and supervision will be coordinated at the local level to maintain, expand and initiate new programs of vocational education which will be relevant to student and labor market needs. 1. Program improvement will result from improved practices in research, evaluation, and the provision of information. (a) Planning and operation of programs will improve as a result of the provision of evaluative data. (b) Teachers will have greater opportunity to meet their inservice needs through an improved personnel development delivery system. (c) Students will be provided a more comprehensive curricular offering through which they can explore vocational education and the world of work. (d) State, local, and federal level administrators will have a way of drawing informed conclusions in planning, evaluating, and managing vocational education. (e) With an improved data base future vocational offerings can be determined within local school systems according to job needs determined not only by local market data base but consideration of trends in fields of medicine, transportation, production, construction, and business. Program offerings would continue to improve in that the base of competencies would be broadened thereby making graduates of programs more employable. (a) Content and competencies in curriculum will more nearly relate to present and future job needs. A greater percentage of completers should find employment with success. |
| | SUBPART 3 (Section 130) 1. <u>Research</u> Continue the Program Improvement Unit (which includes the Research Coordinating Unit) which will provide state leadership in research and development, evaluation, and information collection and dissemination. Included will be activities to: (a) Continue the development and implementation of the Vocational Education Statewide Evaluation System. (b) Evaluate and assist in refinement of an improved personnel development model. (c) Develop a model for the provision of exploratory vocational education. (d) Collect, analyze, and disseminate information concerning vocational enrollments, teacher-staff, and follow-up of completers and leavers. (e) Implementation of a vocational education statewide curriculum study to identify an expanded data base from which vocational offerings can be projected through June 30, 1990. | SUBTOTAL \$ 150,000 (\$20,000) | |
| | 2. <u>Exemplary</u> New vocational programs may be implemented on an exemplary basis in vocational education areas which are not currently being offered. Attention will be focused on offerings which would be inter-disciplinary among vocational areas and involving general education offerings. | | |
| | 3. <u>Curriculum Development</u> (a) Provide state leadership and coordination for: -research on curriculum content, development, and evaluation procedures | \$ 150,000 (\$75,000) | |

| TABLE: 19 LEVEL: Secondary | ACTIVITIES, ESTIMATED BUDGET AND BENEFITS BY PURPOSE - FY 1982 | | |
|-------------------------------|--|-------------------------------|--|
| | ACTIVITIES | 1982 ESTIMATED TOTAL FUNDS | BENEFITS |
| | <ul style="list-style-type: none"> - determination and validation of exit competencies expected of students in vocational education - the articulation of effort by secondary and postsecondary personnel in the development and implementation of valid and sequentially-sound vocational curricula. - the search, acquisition, and dissemination of curriculum information and materials - the in-service of teachers on curriculum development, implementation, and instructional methodology. | | <ul style="list-style-type: none"> (b) Teachers will have access to current information for plannings and managing the teaching/learning process. (c) Students will have access to learning experience and supplemental learning resources commensurate with their learning styles, needs and level of development. (d) Local and state personnel will have access to formative and summative data on student achievement and program success for planning and reporting purposes. (e) Students exiting from the program will have access to a competency-based skill record of proficiency levels achieved through the instructional program. (f) Initial steps will have been taken to diminish duplicative curriculum efforts in-state and nationally. |
| | <ul style="list-style-type: none"> (b) Provide for the acquisition and/or development of bias free curriculum materials including course guides, units of instruction, individualized materials for student use, modified materials for use by disadvantaged/handicapped students, and banks of student assessment measures per curriculum area. (c) Provide state leadership and coordination for the development and implementation of a competency-based student assessment component as part of the comprehensive evaluation system. | \$ 1,034,140 | <ul style="list-style-type: none"> (a) A statewide system of vocational guidance, counseling, and placement will be maintained and expanded. (b) Vocational guidance funds will be allocated to Local Education Agencies to provide local staff to serve needs of students. |
| 4. | Guidance and Counseling | | |
| | <ul style="list-style-type: none"> (a) Provide state leadership through adequate staff for vocational guidance, counseling, and placement. (b) Provide resources and consultant services to Local Education Agencies | | |
| 5. | Pre-service and In-service Training | \$ 1,308,531 (\$75,000) | Administration and quality of instruction will improve as a result of the direction and coordination. |
| | Continue the Personnel Development Unit which will provide state leadership for in-service and coordination of pre-service programs in vocational education. | | |
| | (a) Participate in the development of the North Carolina Quality Assurance Program for all public school educators. | | (a) The pre-service program for vocational personnel will be identified as a high priority need. |
| | (b) The framework for a Master Plan for Vocational Education Personnel Development will be completed. | | (b) Both the pre-service and in-service programs for vocational education will have direction set. |
| | (c) Continue the development and implementation of the Vocational Education Personnel Development Training Process. | | (c) Planning and operating of in-service activities will improve as a result of an organized training process. |
| | (d) State directed in-service activities will give specific attention to program area needs with high priority going to such areas as Disadvantaged/Handicapped, Sex Equity, new and emerging occupational areas, and vocational administration. | | (d) Vocational education personnel will be given special training related to the respective program area and programs will show improvement in the areas of working with Disadvantaged and Handicapped, overcoming sex bias and sex stereotyping. Evidence will be seen in training personnel for new and emerging occupations and improved vocational administration. |

TABLE: 19

LEVEL: Secondary

ACTIVITIES, ESTIMATED BUDGET AND BENEFITS BY PURPOSE - FY 1982

| ACTIVITIES | 1982 ESTIMATED TOTAL FUNDS | BENEFITS |
|---|--|---|
| (e) Develop, adapt, and implement a model for the providing of in-service training of vocational personnel on a regional basis. | | (e) Planning and operating of in-service training of vocational personnel on a regional basis will improve with emphasis on needs assessment, planning, implementation, and evaluation. |
| 6. 102(a) Administration Provide for administration of Subpart 3 activities | \$ 134,944 (\$5,000) | Improvement in the quality of programs and activities under this Subpart. |
| <u>SUBPART 4 (Section 140)</u> | | |
| Special Program for Disadvantaged Provide state leadership and resources to qualified Local Education Agencies to serve needs of special disadvantaged. | SUBTOTAL \$ 427,530 (\$45,000) | |
| <u>SUBPART 5 (Section 150)</u> | | |
| Consumer Homemaking Ancillary Services Educational Programs (a) Provide state leadership in administration and supervision and commit resources to Local Education Agencies for programs in Consumer and Homemaking Education. | SUBTOTAL \$ 11,508,581 | The most severely disadvantaged in areas of greatest need will have received specialized instruction and services to enable them to succeed in vocational education and become employable. |
| (b) Provide resources up to 90% of cost of programs in depressed areas. | \$ 1,110,000 | (a) Provide for approximately 900 Consumer/Homemaking teachers in 144 Local Education Agencies. |
| (c) Programs will be responsive to needs of both male and female students, and will provide leadership in eliminating sex bias and stereotyping and will be responsive to changing patterns of men and women in home and world of work. | \$ 10,398,581 | (b) Approximately 53,000 students will benefit from Consumer/Homemaking Education. |
| <u>SUBPART 1 (Section 102d)</u> Planning, evaluation and follow-up | SUBTOTAL \$ 97,182 (\$30,000) \$ 97,182 (\$30,000) | (c) Both male and female students will have benefitted from instructional methods, curriculum, materials and activities which are designed to eliminate sex bias and stereotyping; and are responsive to changing roles of men and women in the home and the world of work. |
| | | (a) Improvement in planning process and plans. |
| | | (b) Improvement in evaluation and follow-up. |
| <u>GRAND TOTAL</u> | \$ 84,362,469 (\$2,440,000) | |

() Denotes carry over funds

| TABLE: 19 LEVEL: Postsecondary | | | ACTIVITIES, ESTIMATED BUDGET, AND BENEFITS BY PURPOSE - FY 1982 | |
|--|--|-------------------------------|--|--|
| ACTIVITIES | | 1982 ESTIMATED TOTAL FUNDS | BENEFITS | |
| <u>DISADVANTAGED AND LIMITED ENGLISH SPEAKING</u> Provide tutorial assistance, remedial education, skill development, consumer education, guidance, motivational training, job orientation and placement which will assist these target groups to succeed in vocational education. | | \$ 2,669,920 (365,000) | Provide instruction and program services which will assist 38,000 postsecondary and adult disadvantaged and 3000 limited English speaking individuals to succeed in vocational education and to develop employment skills. | |
| <u>HANDICAPPED</u> Provide counseling, remedial education, tutorial assistance, reader services, interpreter services, work evaluation, skill training, consumer education, motivational training, job orientation and placement which will assist this group to succeed in vocational education. | | 1,334,960 (191,000) | Provide instruction and program services to assist 5,500 postsecondary and adult handicapped to succeed in vocational education and to develop employment skills. | |
| <u>SUBPART 2</u> <u>Vocational Education</u> Provide vocational/technical programs of less than baccalaureate level. Expand, where possible, new and emerging occupational programs. | | (19,000) 49,130,966 | Vocational and technical education will be provided for 68,755 full- and part-time students so that they can qualify for employment or upgrade job skills. | |
| <u>Work-Study</u> Provide work-study programs to assist selected individuals to continue their vocational programs. | | 22,500 | Provide income to 125 students who work for a public or non-profit agency. | |
| <u>Cooperative Education</u> Provide work experience related to program of study through cooperating businesses and industries. | | [722,000] | Provide work experience through cooperating businesses and industries for 3,000 students. | |
| <u>Energy Education</u> Provide vocational programs to train individuals to install and maintain solar energy equipment. | | [4,596] | Incorporate training skills for energy education with air conditioning, heating and refrigeration curriculum. | |
| <u>Construction</u> Expand facilities at three institutions: Tri-County Community College, McDowell Technical Institute and Pamlico Technical College. | | 4,225,000 (225,000) | Added space will be available to provide additional program options. | |
| <u>Sex Equity Personnel</u> Full-time individual will assist in monitoring equal educational opportunity in vocational education and eliminating sex discrimination and sex stereotyping in vocational education programs. | | 41,665 | Provide opportunity for prospective students to become informed of the wide variety of jobs and to thereby make a more informed selection of a vocational/technical program. | |
| <u>Support Services for Women</u> Provide counseling, job development and job follow-up services for women seeking employment in non-traditional areas. | | [17,068] | Assist 100 women to seek training and employment in non-traditional areas. | |
| <u>Day Care Services</u> Provide day care services for children of vocational/technical students, while they are enrolled in vocational education programs. | | [12,500] | Provide care for 150 young children so that a parent may participate in a vocational/technical education program. | |

TABLE: 19

LEVEL: Postsecondary

ACTIVITIES, ESTIMATED BUDGET, AND BENEFITS BY PURPOSE - FY 1982

| ACTIVITIES | 1982 ESTIMATED TOTAL FUNDS | BENEFITS |
|---|-------------------------------|---|
| <u>Program for Homemakers - Heads of Household</u> Provide vocational programs, orientation in how to seek employment and job placement services. | \$ [5,366] | Provide instruction and program services which will assist 300 homemakers and heads of household to develop employment skills and become employable. |
| <u>Administration</u> Provide for the administration and supervision of vocational education. | 27,508,250 | Improve the quality of programs, services, and activities. |
| <u>SUBPART 3</u> <u>Research</u> There will be a continued effort to initiate, coordinate and support research efforts to improve occupational education in one or more of these eight priority areas: articulation, assessment, and evaluation, curriculum development, dissemination, guidance, instructional methodology, planning, and staff development. | (38,000) 165,366 | Continued search for new ideas and techniques will improve the quality of programs offered. |
| <u>Curriculum Development</u> Support the continued development and revision of curriculum materials. | 443,700 | Curriculum content and job competencies learned will be related to present and future job needs. |
| <u>Guidance and Counseling</u> Provide counseling and guidance services for all students. | 7,875,500 | Assistance to students in selecting program and preparing for entrance into the labor market. |
| <u>Pre-service and In-service Training</u> Provide in-service training for instructors and administrators. | 13,682 | Improve quality of instruction and administration. |
| <u>Grants (Overcome Sex Bias)</u> Provide support for activities that are directed toward reducing sex discrimination and sex stereotyping. | 800 | Elimination of references to sex bias or sex stereotyping in materials and provision of training to counselors, administrators and instructors in effectively overcoming sex bias and stereotyping. |
| <u>Administration</u> Provide for administration and supervision of vocational education. | 1,516,500 | Improve the quality of programs, services, and activities. |
| <u>SUBPART 4</u> <u>Special Programs for the Disadvantaged</u> Provide programs, services, and activities for the disadvantaged in areas of high youth employment or in areas with high dropout rates to assist them to succeed in vocational programs. | 194,336 (93,000) | Provide instruction and program services to 2,000 young adults to assist them in succeeding in vocational education and to becoming employable. |
| <u>SUBPART 1</u> <u>102(d) Plans, Reports, and Evaluation</u> Funds will be used as needed to support the development of State Plans, Accountability Reports, data collection and evaluation of vocational education programs. | 48,584 (2,000) | Activities will be directed toward the improvement of vocational education programs. |

(\$933,000) Estimated unexpended FY 1981 funds, [] Non-add FY 1982 funds

| TABLE: 19 LEVEL: Adult | | | ACTIVITIES, ESTIMATED BUDGET, AND BENEFITS BY PURPOSE - FY 1982 | |
|--|--|-------------------------------|--|--|
| ACTIVITIES | | 1982 ESTIMATED TOTAL FUNDS | BENEFITS | |
| <u>SUBPART 2</u> <u>Vocational Education</u> Provide preparatory and supplemental vocational education programs for adults who can profit from such instruction. | | \$ 43,180,100 | Provide preparatory or upgrading training for 30,303 long terms and 205,785 short term adults to develop or to increase employment competencies. a. Ambulance Attendance (12,900) b. Apprenticeship Related (2,000) c. Corrections (3,000) d. Human Resource Development (4,450) e. New and Expanding Industry (3,450) f. Remedial (800) | |
| <u>Administration</u> Provide for the administration and supervision of vocational education. | | 6,859,300 | Improve the quality of programs, services, and activities. | |
| <u>SUBPART 3</u> <u>Guidance and Counseling</u> Provide counseling and guidance services for all students. | | 1,693,000 | Assistance to students in selecting program and preparing for entrance into the labor market. | |
| <u>SUBPART 5</u> <u>Consumer/Homemaking</u> Provide consumer and homemaking programs and activities. | | 1,885,500 | Provide instruction and program services to assist 33,500 adults to become better consumers and homemakers. | |

CHANGES IN PROJECTED FUNDING BY PURPOSE

TABLE: 2U
LEVEL: ADULT

| P R O G R A M / S E R V I C E | F E D E R A L | | | S T A T E / L O C A L | | |
|--|---------------|-----------|-------------|-----------------------|------------|--------------|
| | 5 Year Plan | FY 1981 | Difference | 5 Year Plan | FY 1981 | Difference |
| DISADVANTAGED | 193,378 | | - 193,378 | 193,378 | | - 193,378 |
| Limited English Speaking | [51] | | | [51] | | |
| HANDICAPPED | 96,722 | | - 96,722 | 96,722 | | - 96,722 |
| SUBPART 2 (Section 120) SUBTOTAL | 2,759 | 1,371,200 | + 1,368,441 | 17,358,928 | 45,744,910 | + 28,385,982 |
| A. Vocational Education | | 1,371,200 | + 1,371,200 | 12,298,253 | 41,449,026 | + 29,150,773 |
| B. Work-Study | | | | | | |
| C. Cooperative Education | | | | | | |
| D. Energy Education | | | | | | |
| E. Construction | | | | | | |
| F. Sex Bias Office Personnel | | | | | | |
| I. Industrial Arts | | | | | | |
| J. Support Services for Women | | | | | | |
| K. Day Care Services | | | | | | |
| L. Programs/Homemakers, Head-House. | 2,759 | | - 2,759 | 3,449 | | - 3,449 |
| 102 a Administration State | | | | 459,748 | 270,000 | - 189,748 |
| Local | | | | 4,597,478 | 4,025,884 | - 571,594 |
| SUBPART 3 (Section 130) SUBTOTAL | | | | 1,392,615 | 1,323,000 | - 69,615 |
| 1. Research | | | | | | |
| 2. Exemplary | | | | | | |
| 3. Curriculum Development | | | | | | |
| 4. Guidance and Counseling | | | | 1,379,243 | 1,323,000 | - 56,243 |
| 5. Preservice and Inservice Training | | | | 13,372 | | - 13,372 |
| 6. Grants (Overcome Sex Bias) | | | | | | |
| 102 a Administration State | | | | | | |
| Local | | | | | | |
| SUBPART 4 (Section 140) Special Program for Disadvantaged | | | | | | |
| SUBPART 5 (Section 150) Consumer/Homemaking Ancillary Services | | | | | | |
| Program Instruction | | | | 344,811 | 1,607,600 | + 1,262,789 |
| Depressed Areas | | | | | | |
| TOTAL | 292,859 | 1,371,200 | + 1,078,341 | 19,386,454 | 48,675,510 | + 29,289,056 |

[] = Non Add

TABLE: 20
LEVEL: Secondary

CHANGES IN PROJECTED FUNDING BY PURPOSE
FY 1982

| PROGRAM/SERVICE | FEDERAL | | | STATE/LOCAL | | |
|---|------------|------------|-------------|-------------|--------------|-------------|
| | 5 Yr. Plan | FY 1982 | Difference | 5 Yr. Plan | FY 1982 | Difference |
| DISADVANTAGED | 1,996,696 | 2,669,521 | 672,825 | 1,996,767 | 2,669,521 | 672,754 |
| Limited English Speaking | [524] | 801 | 801 | [524] | 801 | 801 |
| HANDICAPPED | 998,349 | 1,335,161 | 336,812 | 998,347 | 1,335,161 | 336,814 |
| SUBPART 2 (Section 120) SUBTOTAL | 4,990,384 | 6,890,793 | 1,900,409 | 38,203,175 | 54,450,000 | 16,246,825 |
| A. Vocational Education | 4,824,251 | 6,262,620* | 1,438,369 | 33,410,091 | 46,900,000** | 13,489,909 |
| B. Work-Study | 132,798 | 300,000 | 167,202 | 54,240 | 125,000 | 70,760 |
| C. Cooperative Education | | | | [7,825,130] | [8,875,000] | [1,049,870] |
| D. Energy Education | | | | | | |
| E. Construction | | | | | | |
| F. Sex Bias Office Personnel | 33,335 | 45,000 | 11,665 | | | |
| I. Industrial Arts | | | | 1,176,273 | 2,100,000 | 923,727 |
| J. Support Services for Women | | | | | | |
| K. Day Care Services | | | | | | |
| L. Programs/Homemakers, Head-House. | | | | | | |
| 102 a Administration State | | 283,173 | 283,173 | 2,217,783 | 2,400,000 | 182,217 |
| Local | | | | 1,344,788 | 2,925,000 | 1,580,212 |
| SUBPART 3 (Section 130) SUBTOTAL | 1,996,694 | 2,455,332 | 458,638 | 4,420,920 | 522,085 | (3,898,835) |
| 1. Research | 184,762 | 171,317 | (13,445) | 73,638 | 28,485 | (45,153) |
| 2. Exemplary | | 150,000 | 150,000 | | | |
| 3. Curriculum Development | | 150,000 | 150,000 | [250,000] | | [(250,000)] |
| 4. Guidance and Counseling | 1,785,917 | 611,632 | (1,174,285) | 4,347,282 | 422,508 | (3,924,774) |
| 5. Preservice and Inservice Training | 26,015 | 1,308,531 | 1,282,516 | [120,000] | | [(120,000)] |
| 6. Grants (Overcome Sex Bias) | | | | | | |
| 102 a Administration State | | 63,852 | 63,852 | | 71,092 | 71,092 |
| Local | | | | | | |
| SUBPART 4 (Section 140) Special Program for Disadvantaged | 411,294 | 388,730 | (22,564) | | 38,800 | 38,800 |
| SUBPART 5 (Section 150) Consumer/Homemaking Ancillary Services | | | | | | |
| Program Instruction | | 110,000 | 110,000 | | 1,000,000 | 1,000,000 |
| Depressed Areas | 1,264,929 | 1,158,081 | (106,848) | 15,748,573 | 9,240,500 | (6,508,073) |
| SUBPART 1 (Section 102d) | | 97,182 | 97,182 | | | |
| TOTAL | 11,658,346 | 15,105,601 | 3,447,255 | 61,367,782 | 69,256,868 | 7,889,086 |

[] = Non Add

* \$194,769 Special Projects

** \$1,212,578 State and Local previously reported under Sub-Part III

TABLE: 20
LEVEL: POST-SECONDARY

CHANGES IN PROJECTED FUNDING BY PURPOSE
FY 1982

| PROGRAM/SERVICE | FEDERAL | | | STATE/LOCAL | | |
|---|-------------|-----------|------------|-------------|------------|-------------|
| | 5 Year Plan | FY 1982 | Difference | 5 Year Plan | FY 1982 | Difference |
| DISADVANTAGED | 950,063 | 1,329,708 | + 379,645 | 950,063 | 1,329,708 | + 379,645 |
| Limited English Speaking | [249] | 5,252 | + 5,252 | [249] | 5,252 | + 5,252 |
| HANDICAPPED | 474,998 | 667,480 | + 192,482 | 474,998 | 667,480 | + 192,482 |
| SUBPART 2 (Section 120) SUBTOTAL | 3,034,132 | 2,073,681 | - 960,451 | 95,370,956 | 78,854,700 | -16,516,256 |
| A. Vocational Education | 2,437,580 | 1,740,766 | - 696,814 | 60,246,723 | 47,390,200 | -12,856,523 |
| B. Work-Study | 61,503 | 11,250 | - 50,253 | 61,503 | 11,250 | - 50,253 |
| C. Cooperative Education | | | | 240,218 | [722,000] | - 240,218 |
| D. Energy Education | 15,483 | [4,596] | - 15,483 | 793 | | - 793 |
| E. Construction | 267,762 | 225,000 | - 42,762 | 10,000,000 | 4,000,000 | - 6,000,000 |
| F. Sex Bias Office Personnel | 16,665 | 41,665 | + 25,000 | | | |
| I. Industrial Arts | | | | | | |
| J. Support Services for Women | 13,168 | [17,068] | - 13,168 | 20,648 | | - 20,648 |
| K. Day Care Services | 47,557 | [12,500] | - 47,557 | 44,182 | | - 44,182 |
| L. Programs/Homemakers, Head-House. | 14,414 | [5,366] | - 14,414 | 14,414 | | - 14,414 |
| 102 a Administration State | 160,000 | 55,000 | - 105,000 | 2,282,073 | 1,659,350 | - 622,723 |
| Local | | | | 22,460,402 | 25,793,900 | + 3,333,498 |
| SUBPART 3 (Section 130) SUBTOTAL | 1,192,145 | 1,227,482 | + 35,337 | 6,996,752 | 8,788,066 | + 1,791,314 |
| 1. Research | [155,700] | 135,000 | + 135,000 | [36,700] | 30,366 | + 30,366 |
| 2. Exemplary | | | | | | |
| 3. Curriculum Development | | 64,000 | + 64,000 | [480,437] | 379,700 | + 379,700 |
| 4. Guidance and Counseling | 1,048,713 | 1,000,000 | - 48,713 | 6,912,278 | 6,875,000 | - 37,278 |
| 5. Preservice and Inservice Training | 77,994 | 13,682 | - 64,312 | 60,055 | | - 60,055 |
| 6. Grants (Overcome Sex Bias) | 25,438 | 800 | - 24,638 | 24,419 | | - 24,419 |
| 102 a Administration State | 40,000 | 14,000 | - 26,000 | | | |
| Local | | | | | 1,502,500 | + 1,502,500 |
| SUBPART 4 (Section 140) Special Program for Disadvantaged | 300,000 | 194,336 | - 105,664 | | | |
| SUBPART 5 (Section 150) Consumer/Homemaking Ancillary Services | | | | | | |
| Program Instruction | | | | | | |
| Depressed Areas | | | | | | |
| (Sec. 102d) | | 48,584 | + 48,584 | | | |
| TOTAL | 5,951,338 | 5,546,523 | - 404,815 | 103,792,769 | 89,645,206 | -14,147,563 |

[] = Non Add

TABLE: 20
LEVEL: ADULT

CHANGES IN PROJECTED FUNDING BY PURPOSE
FY 1982

| PROGRAM/SERVICE | FEDERAL | | | STATE/LOCAL | | |
|---|-------------|-----------|-------------|-------------|------------|--------------|
| | 5 Year Plan | FY 1982 | Difference | 5 Year Plan | FY 1982 | Difference |
| DISADVANTAGED | 202,080 | | - 202,080 | 202,080 | | - 202,080 |
| Limited English Speaking | [53] | | | [53] | | |
| HANDICAPPED | 101,074 | | - 101,074 | 101,074 | | - 101,074 |
| SUBPART 2 (Section 120) SUBTOTAL | 2,883 | 1,371,200 | + 1,368,317 | 18,140,079 | 48,668,200 | + 30,528,121 |
| A. Vocational Education | | 1,371,200 | + 1,371,200 | 12,851,674 | 41,808,900 | + 28,957,226 |
| B. Work-Study | | | | | | |
| C. Cooperative Education | | | | | | |
| D. Energy Education | | | | | | |
| E. Construction | | | | | | |
| F. Sex Bias Office Personnel | | | | | | |
| I. Industrial Arts | | | | | | |
| J. Support Services for Women | | | | | | |
| K. Day Care Services | | | | | | |
| L. Programs/Homemakers, Feed-House. | 2,883 | | - 2,883 | 3,604 | | - 3,604 |
| 102 a Administration State | | | | 480,437 | 571,400 | + 90,963 |
| Local | | | | 4,804,364 | 6,287,900 | + 1,483,536 |
| SUBPART 3 (Section 130) SUBTOTAL | | | | 1,455,283 | 1,693,000 | + 237,717 |
| 1. Research | | | | | | |
| 2. Exemplary | | | | | | |
| 3. Curriculum Development | | | | | | |
| 4. Guidance and Counseling | | | | 1,441,309 | 1,693,000 | + 251,691 |
| 5. Preservice and Inservice Training | | | | 13,974 | | - 13,974 |
| 6. Grants (Overcome Sex Bias) | | | | | | |
| 102 a Administration State | | | | | | |
| Local | | | | | | |
| SUBPART 4 (Section 140) Special Program for Disadvantaged | | | | | | |
| SUBPART 5 (Section 150) Consumer/Homemaking Ancillary Services | | | | | | |
| Program Instruction | | | | 360,327 | 1,855,500 | + 1,495,173 |
| Depressed Areas | | | | | | |
| TOTAL | 306,037 | 1,371,200 | + 1,065,163 | 20,258,843 | 52,216,700 | + 31,957,857 |

[] = Non Add

ANALYSIS OF CHANGES IN ADULT FUNDING BY PURPOSE-FY 1981

The following analysis is a comparison of the data submitted in the Five-Year State Plan for FY 1981 and the data included in the Annual Plan for FY 1981.

An increase in federal, state, and local funding is projected over the projection listed in the five-year plan.

DISADVANTAGED - HANDICAPPED

The level of funding for disadvantaged and handicapped has been projected in the post-secondary data.

SUBPART 2

The increase of federal, state, and local funding has occurred because full-time and part-time vocational enrollments had been included previously with post-secondary enrollments. A corresponding reduction in enrollment and funding has occurred in the post-secondary report. An increase has been projected in state and local expenditures. An increase in federal funding is projected for FY 1981 as compared with the five-year plan.

SUBPART 3

Federal funding for Subpart 3 purposes is shown on the post-secondary report. Funding is used for both post-secondary and adult students. State and local funds are projected at a lower level than what was projected in the five-year plan.

SUBPART 4

The funds for special programs for the disadvantaged are assigned to the post-secondary report. It is possible that some adult students that meet the criteria may receive services provided from these funds.

SUBPART 5

Only state and local funds are projected to provide consumer and homemaking programs for adults.

ANALYSIS OF CHANGES IN SECONDARY FUNDING BY PURPOSE-FY 1982

All federal differences reflect the increase grant award over previous years. Additional state funds also contribute to increases in funding.

Disadvantaged and Handicapped

The increase for these purposes are due to increase in federal grant with resulting increases in matching state and local funds.

Subpart 2

The estimated increase of \$18,147,234 federal, state, and local funds for 1982 represents increases in the federal grant award, state appropriations, and local matching funds.

Work Study

An increase of \$237,962 will enable more disadvantaged vocational students to earn money to enable them to continue in school.

Sex Equity Office

Additional funds reflect the need for additional resources to carry out responsibilities of the Sex Equity office at the secondary level.

102(a) Administration

Increased funds reflect the fact that federal resources were not identified for this purpose in the Five Year Plan. The funds will be used for state-local level administrative services.

Subpart 3

Research

Estimated resources reduced to reflect amount which will be used to fund identified needs for research activities.

Exemplary

Funds will be used from this category to fund innovative projects at the secondary level. They were not previously identified for this purpose.

Curriculum Development

Increased funds are reflected to enable additional activities in curriculum development to occur. This item was not reflected in the Five Year Plan.

Guidance and Counseling

The funds identified more adequately reflect the goals and objectives for this categorical requirement.

Preservice and In-service

Increased funds are reflected to allow additional needs for in-service/preservice education activities to be conducted.

Administration

Provide for administration and supervision of vocational education.

Subpart 4

The decrease reflects the actual decrease in federal grant award amount.

Subpart 5

The increase reflects the actual increase in the federal grant amount.

Subpart 1 (Section 102d)

Increased funds are reflected because they were not projected in the Five Year Plan.

ANALYSIS OF CHANGES IN POST-SECONDARY FUNDING BY PURPOSE-FY 1982

The following analysis is a comparison of the data submitted in the Five-Year State Plan for FY 1982 and the data included in the Annual Plan for FY 1982.

Federal funds for FY 1982 are projected at the same level as FY 1981. State and local funds are projected at a lesser level than what was projected in the five-year plan.

DISADVANTAGED - HANDICAPPED

The level of funding has been increased with a corresponding decrease in funding for adults. The funding is used for either post-secondary or adult students; and, since the data is no longer reported as to level, it is difficult to determine what amount of funds will be used for either group. Increased funding is projected for FY 1981 as compared to the five-year plan.

SUBPART 2

A reduction in the federal level of funding for vocational education programs is projected with a corresponding increase in the federal level of funding for adult programs. Previously, vocational level enrollments had been projected with post-secondary enrollments. These vocational enrollments are now projected with the adult enrollments.

Levels of funding for work-study, energy, support service for women, day care and programs for homemakers and heads of household have been adjusted based upon data supplied by the institutions through the local applications.

The federal funding level has been decreased with a corresponding increase at the adult level. State and local funding level is lower than what was projected in the five-year plan.

SUBPART 3

The levels of funding are projected to increase over the levels listed in the five-year plan. Funding is used for both post-secondary and adult students.

SUBPART 4

The federal grant for Subpart 4 has been reduced.

SUBPART 1 (Sec. 102d)

This grant of federal funds will be used to support evaluation activities, data collection, and the development of the State Plan and the Accountability Report.

ANALYSIS OF CHANGES IN ADULT FUNDING BY PURPOSE-FY 1982

The following analysis is a comparison of the data submitted in the Five-Year State Plan for FY 1982 and the data included in the Annual Plan for FY 1982.

Federal funds for FY 1982 are projected at the same level as FY 1981. State and local funds are projected at a higher level than what was projected in the five-year plan.

DISADVANTAGED - HANDICAPPED

Funding for disadvantaged and handicapped has been projected in the post-secondary data.

SUBPART 2

The increase of federal, state, and local funding has occurred because full-time and part-time vocational enrollments had been included previously with post-secondary enrollments. A corresponding reduction in enrollment and funding has occurred in the post-secondary report. An increase has been projected in state and local expenditures. An increase in funding is projected as compared with the five-year plan.

SUBPART 3

Federal funding for Subpart 3 purposes is shown on the post-secondary report. Funding is used for both post-secondary and adult students. State and local funds are projected at a slightly higher level than what was projected in the five-year plan.

SUBPART 4

The funds for special programs for the disadvantaged are assigned to the post-secondary report. It is possible that some adult students that meet the criteria may receive services provided from these funds.

SUBPART 5

Only state and local funds are projected to provide consumer and homemaking programs for adults.

Definitions Used in the Allocation of Funds

Economically Depressed Areas

The state will use two factors in determining the relative degree of economic depression in the state. These are (1) the determination of which counties are economically depressed and the rate of reimbursement, as indicated by the U. S. Department of Commerce, and (2) the rate of general unemployment as indicated by the North Carolina Employment Security Commission.

New Programs

A program will be considered to be a new program if it is new to the area to be served; is designed to meet new and emerging manpower needs and job opportunities; and is being offered for the first time by that specific school or post-secondary institution.

Changes to programs such as those listed below will not be considered as new programs:

- (1) changes or modifications within a course or a curriculum of an existing program
- (2) the addition of options to existing programs
- (3) the addition of a laboratory, shop, classroom, or new equipment to an existing program

U.S. DEPARTMENT OF COMMERCE
ECONOMIC DEVELOPMENT ADMINISTRATION

(FY 1982)

AS OF OCTOBER 2, 1980

PAGE NO. 085

STATE: 37 NORTH CAROLINA

DIRECTORY OF EDA QUALIFIED AREAS

REGIONAL OFFICE: 04 SOUTH EASTERN

| NAME | BASIS OF QUALIFICATION | DATE OF DESIGNATION | MAXIMUM GRANT RATE (PERCENT) |
|--------------------|---------------------------|------------------------|---------------------------------|
| Alamance County | 8 | May-11-78 | 50 |
| Alexander County | 6 | Feb-01-78 | 50 |
| Alleghany County | 6 | Mar-30-78 | 50 |
| Anson County | 2 | Aug-11-72 | 50 |
| Ashe County | 8 | Sep-26-72 | 50 |
| Avery County | 8 | Jan-31-66 | 50 |
| Beaufort County | 2 | Aug-11-72 | 50 |
| Bertie County | 8 | Jan-21-66 | 50 |
| Bladen County | 8 | Jan-28-66 | 50 |
| Brunswick County | 1 | Sep-12-68 | 50 |
| Buncombe County | 6 | Mar-17-78 | 50 |
| Burke County | 6 | Feb-01-78 | 50 |
| Cabarrus County | 6 | Mar-17-78 | 50 |
| Caldwell County | 6 | Feb-01-78 | 50 |
| Camden County | 1 | Mar-19-68 | 50 |
| Carteret County | 1 | Dec-08-65 | 50 |
| Caswell County | 2 | Feb-14-73 | 50 |
| Catawba County | 6 | Feb-01-78 | 50 |
| Charlotte, City of | 6 | Mar-17-78 | 50 |
| Chatham County | 6 | Mar-17-78 | 50 |
| Cherokee County | 8 | Aug-11-72 | 50 |
| Chowan County | 8 | Sep-26-72 | 50 |
| Clay County | 28 | Mar-15-66 | 50 |
| Cleveland County | 6 | Mar-17-78 | 50 |
| Columbus County | 8 | Jun-23-67 | 50 |
| Craven County | 6 | Mar-18-77 | 50 |
| Cumberland County | 8 | Sep-20-78 | 50 |
| Currituck County | 1 | Apr-27-67 | 50 |
| Dare County | 1 | Apr-06-67 | 50 |
| Davidson County | 6 | Mar-17-78 | 50 |
| Duplin County | 8 | Jul-05-66 | 50 |
| Edgecombe County | 8 | Sep-20-78 | 50 |
| Forsyth County | 6 | Mar-17-78 | 50 |
| Franklin County | 8 | Jan-23-66 | 60 |
| Gaston County | 6 | Apr-12-77 | 50 |
| Gates County | 2 | Jan-28-66 | 50 |
| Graham County | 1 | Jan-28-66 | 60 |
| Granville County | 8 | May-11-78 | 50 |
| Greene County | 8 | Jan-28-66 | 50 |
| Guilford County | 6 | Mar-17-78 | 50 |
| Halifax County | 8 | Oct-07-69 | 60 |
| Harnett County | 8 | Mar-17-78 | 50 |
| Haywood County | 6 | Mar-17-78 | 50 |
| Henderson County | 6 | Mar-30-78 | 50 |
| Hertford County | 8 | Aug-08-69 | 50 |
| Hoke County | 8 | Aug-11-72 | 60 |
| Hyde County | 12 | Feb-25-66 | 60 |

(FY 1982)

U.S. DEPARTMENT OF COMMERCE
ECONOMIC DEVELOPMENT ADMINISTRATION

AS OF OCTOBER 2, 1980

PAGE NO. 085

DIRECTORY OF EDA QUALIFIED AREAS

STATE: 37 NORTH CAROLINA

REGIONAL OFFICE: 04 SOUTH EASTERN

| NAME | BASIS OF QUALIFICATION | DATE OF DESIGNATION | MAXIMUM GRANT RATE (PERCENT) |
|---------------------|---------------------------|------------------------|---------------------------------|
| Iredell County | 6 | Mar-17-78 | 50 |
| Jackson County | 4 | Jan-20-75 | 50 |
| Johnston County | 8 | Aug-11-72 | 50 |
| Jones County | 2 | Aug-11-67 | 50 |
| Lee County | 6 | Mar-17-78 | 50 |
| Lenoir County | 8 | Sep-20-78 | 50 |
| Lincoln County | 8 | Jun-08-76 | 50 |
| Macon County | 8 | Aug-11-72 | 50 |
| Madison County | 2 | Aug-04-66 | 50 |
| Martin County | 8 | Aug-11-72 | 50 |
| McDowell County | 6 | Mar-17-78 | 50 |
| Mecklenburg County | 6 | Mar-17-78 | 50 |
| Mitchell County | 8 | Feb-14-73 | 50 |
| Nash County | 6 | Mar-30-78 | 50 |
| New Hanover County | 8 | Sep-20-78 | 50 |
| Northampton County | 28 | Apr-08-66 | 50 |
| Onslow County | 8 | Sep-20-78 | 50 |
| Pamlico County | 8 | Oct-07-69 | 60 |
| Pasquotank County | 6 | Mar-17-78 | 50 |
| Pender County | 8 | Aug-11-72 | 50 |
| Perquimans County | 8 | Aug-18-71 | 50 |
| Person County | 8 | Aug-18-71 | 50 |
| Pitt County | 8 | Feb-13-70 | 50 |
| Polk County | 6 | Mar-17-78 | 50 |
| Randolph County | 6 | Mar-30-78 | 50 |
| Richmond County | 6 | Mar-30-78 | 50 |
| Robeson County | 8 | Feb-16-66 | 60 |
| Rowan County | 6 | Mar-17-78 | 50 |
| Rutherford County | 6 | Mar-17-78 | 50 |
| Sampson County | 2 | Sep-26-72 | 50 |
| Scotland County | 8 | Jun-08-76 | 50 |
| Stanly County | 8 | Mar-17-78 | 50 |
| Surry County | 6 | Mar-17-78 | 50 |
| Swain County | 8 | Jan-17-66 | 60 |
| Transylvania County | 6 | Mar-17-78 | 50 |
| Tyrrell County | 12 | Jan-28-66 | 70 |
| Union County | 6 | Feb-01-78 | 50 |
| Vance County | 6 | Mar-30-78 | 50 |
| Warren County | 8 | Feb-25-66 | 60 |
| Washington County | 8 | Aug-18-71 | 50 |
| Watauga County | 2 | Feb-14-73 | 50 |
| Wayne County | 6 | Apr-12-77 | 50 |
| Wilkes County | 6 | Mar-30-78 | 50 |
| Wilson County | 8 | Oct-02-70 | 50 |
| Yadkin County | 6 | Mar-17-78 | 50 |
| Yancey County | 8 | Jan-31-66 | 50 |

TABLE: 21

SECONDARY POINTS EARNED THROUGH FORMULA DISTRIBUTION FACTORS
FOR SUB-PART II AND SUB-PART III WITH THE EXCEPTION OF WORK-STUDY
FY 1981

| Local Educational Agency | | CLIF | RAP | EDA | GU | ADM | NP | % TO TOTAL |
|--------------------------|--------------|-------|-------|-----|-----|-------|-----|------------|
| No. | Name | | | | | | | |
| 793 | Reidsville | 18 | 24 | 0 | 3 | 8 | | .5568 |
| 800 | Ronan | 18 | 24 | 3 | 3 | 16 | | .6723 |
| 801 | Salisbury | 18 | 24 | 3 | 3 | 4 | | .5463 |
| 810 | Rutherford | 21 | 24 | 3 | 6 | 16 | 4 | .7774 |
| 820 | Sampson | 24 | 27 | 3 | 6 | 12 | 2 | .7774 |
| 821 | Clinton | 24 | 27 | 3 | 3 | 4 | | .6408 |
| 830 | Scotland | 21 | 24 | 3 | 6 | 12 | 2 | .7144 |
| 840 | Stanly | 18 | 21 | 3 | 3 | 12 | | .5988 |
| 841 | Albemarle | 18 | 21 | 3 | 3 | 4 | | .5148 |
| 850 | Stokes | 21 | 18 | 0 | 6 | 12 | | .5988 |
| 860 | Surry | 21 | 24 | 3 | 6 | 12 | 6 | .7564 |
| 861 | Elkin | 18 | 24 | 3 | 3 | 4 | | .5463 |
| 862 | Mount Airy | 18 | 24 | 3 | 3 | 4 | | .5463 |
| 870 | Swain | 24 | 27 | 9 | 9 | 4 | | .7669 |
| 880 | Transylvania | 18 | 21 | 3 | 6 | 8 | 12 | .7144 |
| 890 | Tyrrell | 27 | 24 | 6 | 9 | 4 | | .7354 |
| 900 | Union | 18 | 21 | 3 | 3 | 16 | 6 | .7038 |
| 901 | Monroe | 18 | 21 | 3 | 3 | 8 | | .5568 |
| 910 | Vance | 21 | 24 | 3 | 6 | 12 | 6 | .7564 |
| 920 | Wake | 18 | 21 | 0 | 3 | 16 | 12 | .7354 |
| 930 | Warren | 27 | 24 | 6 | 9 | 8 | 4 | .8194 |
| 940 | Washington | 21 | 27 | 3 | 6 | 8 | 10 | .7879 |
| 950 | Watauga | 21 | 24 | 3 | 6 | 8 | | .6513 |
| 960 | Wayne | 21 | 27 | 3 | 6 | 16 | 4 | .8089 |
| 962 | Goldsboro | 24 | 27 | 3 | 3 | 12 | 69 | .7249 |
| 970 | Wilkes | 21 | 24 | 3 | 6 | 16 | 70 | .7354 |
| 980 | Wilson | 21 | 24 | 3 | 6 | 16 | 2 | .7564 |
| 990 | Yadkin | 21 | 24 | 3 | 6 | 12 | 2 | .7144 |
| 995 | Yancey | 24 | 24 | 3 | 6 | 4 | 61 | .6408 |
| TOTAL | | 3,048 | 3,465 | 510 | 726 | 1,440 | 330 | 100.0000 |

TABLE: 21 SECONDARY POINTS EARNED THROUGH FORMULA DISTRIBUTION FACTORS
FOR SUB-PART II AND SUB-PART III WITH THE EXCEPTION OF WORK-STUDY

FY 1982

| Local Educational Agency | | CLIF | RAP | EDA | GU | ADM | NP | TOTAL | % TO TOTAL |
|--------------------------|------------|------|-----|-----|----|-----|----|-------|------------|
| No. | Name | | | | | | | | |
| 010 | Alamance | 18 | 24 | 3 | 3 | 4 | 2 | 54 | .5918 |
| 011 | Burlington | 18 | 24 | 3 | 3 | 8 | 0 | 56 | .6137 |
| 020 | Alexander | 18 | 24 | 3 | 6 | 12 | 0 | 63 | .6904 |
| 030 | Alleghany | 24 | 21 | 3 | 3 | 16 | 0 | 67 | .7342 |
| 040 | Anson | 24 | 24 | 3 | 6 | 8 | 0 | 65 | .7123 |
| 050 | Ashe | 24 | 24 | 3 | 6 | 12 | 0 | 69 | .7562 |
| 060 | Avery | 24 | 21 | 3 | 6 | 12 | 0 | 66 | .7233 |
| 070 | Beaufort | 24 | 21 | 3 | 3 | 12 | 0 | 63 | .6904 |
| 071 | Washington | 21 | 21 | 3 | 3 | 12 | 0 | 60 | .6575 |
| 080 | Bertie | 27 | 24 | 3 | 6 | 12 | 2 | 74 | .8109 |
| 090 | Bladen | 24 | 24 | 3 | 6 | 8 | 0 | 65 | .7123 |
| 100 | Brunswick | 21 | 18 | 3 | 6 | 8 | 0 | 56 | .6137 |
| 110 | Buncombe | 18 | 24 | 3 | 3 | 4 | 0 | 52 | .5699 |
| 111 | Asheville | 21 | 24 | 3 | 3 | 8 | 0 | 59 | .6466 |
| 120 | Burke | 18 | 21 | 3 | 6 | 4 | 0 | 52 | .5699 |
| 130 | Cabarrus | 18 | 24 | 3 | 3 | 4 | 0 | 52 | .5699 |
| 131 | Concord | 18 | 24 | 3 | 3 | 16 | 0 | 64 | .7014 |
| 132 | Kannapolis | 18 | 24 | 3 | 3 | 12 | 0 | 60 | .6575 |
| 140 | Caldwell | 18 | 24 | 3 | 6 | 4 | 0 | 55 | .6027 |
| 150 | Camden | 21 | 27 | 3 | 6 | 16 | 0 | 73 | .8000 |
| 160 | Carteret | 21 | 24 | 3 | 6 | 8 | 2 | 64 | .7014 |
| 170 | Caswell | 21 | 24 | 3 | 6 | 12 | 0 | 66 | .7233 |
| 180 | Catawba | 18 | 21 | 3 | 3 | 4 | 0 | 49 | .5370 |
| 181 | Hickory | 18 | 21 | 3 | 3 | 12 | 2 | 59 | .6466 |
| 182 | Newton | 18 | 21 | 3 | 3 | 16 | 0 | 61 | .6685 |
| 190 | Chatham | 21 | 21 | 3 | 3 | 8 | 2 | 58 | .6356 |
| 200 | Cherokee | 24 | 27 | 3 | 6 | 12 | 0 | 72 | .7890 |

TABLE: 21 SECONDARY POINTS E.A. J THROUGH FORMULA DISTRIBUTION FACTORS
FOR SUB-PART II AND SUB-PART III WITH THE EXCEPTION OF WORK-STUDY

FY 1982

| Local Educational Agency | | CLIF | RAP | EDA | GU | ADM | NP | TOTAL | % TO TOTAL |
|--------------------------|----------------|------|-----|-----|----|-----|----|-------|------------|
| No. | Name | | | | | | | | |
| 210 | Chowan | 24 | 24 | 3 | 3 | 16 | 0 | 70 | .7671 |
| 220 | Clay | 27 | 24 | 3 | 6 | 16 | 0 | 76 | .8329 |
| 230 | Cleveland | 18 | 24 | 3 | 3 | 4 | 0 | 52 | .5699 |
| 231 | Kings Mountain | 18 | 24 | 3 | 3 | 12 | 2 | 62 | .6795 |
| 232 | Shelby | 18 | 24 | 3 | 3 | 12 | 0 | 60 | .6575 |
| 240 | Columbus | 24 | 27 | 3 | 6 | 8 | 0 | 68 | .7452 |
| 241 | Whiteville | 21 | 27 | 3 | 3 | 16 | 0 | 70 | .7671 |
| 250 | Craven | 21 | 27 | 3 | 3 | 8 | 0 | 62 | .6795 |
| 251 | New Bern | 21 | 27 | 3 | 3 | 8 | 0 | 62 | .6795 |
| 260 | Cumberland | 21 | 27 | 3 | 6 | 4 | 0 | 61 | .6685 |
| 261 | Fayetteville | 21 | 27 | 3 | 3 | 4 | 0 | 58 | .6356 |
| 270 | Currituck | 21 | 24 | 3 | 6 | 16 | 0 | 70 | .7671 |
| 280 | Dare | 18 | 18 | 3 | 6 | 16 | 6 | 67 | .7342 |
| 290 | Davidson | 18 | 24 | 3 | 3 | 4 | 0 | 52 | .5699 |
| 291 | Lexington | 18 | 24 | 3 | 3 | 12 | 0 | 60 | .6575 |
| 292 | Thomasville | 18 | 24 | 3 | 3 | 16 | 0 | 64 | .7014 |
| 300 | Davie | 18 | 18 | 0 | 3 | 8 | 0 | 47 | .5151 |
| 310 | Duplin | 24 | 24 | 3 | 6 | 8 | 0 | 65 | .7123 |
| 320 | Durham County | 21 | 24 | 0 | 3 | 4 | 0 | 52 | .5699 |
| 321 | Durham City | 18 | 24 | 0 | 3 | 8 | 0 | 53 | .5808 |
| 330 | Edgecombe | 27 | 24 | 3 | 6 | 8 | 0 | 68 | .7452 |
| 331 | Tarboro | 21 | 24 | 3 | 3 | 12 | 6 | 69 | .7562 |
| 340 | Forsyth | 18 | 21 | 3 | 6 | 4 | 0 | 52 | .5699 |
| 350 | Franklin | 24 | 27 | 3 | 6 | 12 | 0 | 72 | .7890 |
| 351 | Franklinton | 21 | 27 | 3 | 3 | 16 | 0 | 70 | .7671 |
| 360 | Gaston | 18 | 24 | 3 | 6 | 4 | 0 | 55 | .6027 |
| 370 | Gates | 24 | 27 | 3 | 3 | 16 | 4 | 77 | .8438 |
| 380 | Graham | 24 | 21 | 6 | 9 | 16 | 0 | 76 | .8329 |
| 390 | Granville | 24 | 27 | 3 | 6 | 8 | 2 | 70 | .7671 |

SECONDARY POINTS EARNED THROUGH FORMULA DISTRIBUTION FACTORS
FOR SUB-PART II AND SUB-PART III WITH THE EXCEPTION OF WORK-STUDY

TABLE: 21

FY 1982

| Local Educational Agency | | CLIF | BAP | EDA | CU | ADM | NP | TOTAL | % TO TOTAL |
|--------------------------|----------------|------|-----|-----|----|-----|----|-------|------------|
| No. | Name | | | | | | | | |
| 400 | Greene | 24 | 27 | 3 | 6 | 12 | 2 | 74 | .8110 |
| 410 | Guilford | 18 | 24 | 3 | 3 | 4 | 2 | 54 | .5918 |
| 411 | Greensboro | 18 | 24 | 3 | 3 | 4 | 0 | 52 | .5699 |
| 412 | High Point | 18 | 24 | 3 | 3 | 4 | 0 | 52 | .5699 |
| 420 | Halifax | 27 | 27 | 6 | 6 | 8 | 0 | 74 | .8110 |
| 421 | Roanoke Rapids | 18 | 27 | 6 | 3 | 16 | 2 | 72 | .7890 |
| 422 | Weldon | 24 | 27 | 6 | 3 | 16 | 0 | 76 | .8329 |
| 430 | Harnett | 21 | 27 | 3 | 6 | 4 | 2 | 63 | .6904 |
| 440 | Haywood | 21 | 27 | 3 | 6 | 4 | 4 | 65 | .7123 |
| 450 | Henderson | 21 | 24 | 3 | 3 | 8 | 0 | 59 | .6466 |
| 451 | Hendersonville | 18 | 24 | 3 | 3 | 16 | 0 | 64 | .7014 |
| 460 | Hertford | 24 | 24 | 3 | 6 | 12 | 0 | 69 | .7562 |
| 470 | Hoke | 24 | 27 | 6 | 6 | 12 | 0 | 75 | .8219 |
| 480 | Hyde | 27 | 18 | 6 | 6 | 16 | 0 | 73 | .8000 |
| 490 | Iredell | 18 | 24 | 3 | 3 | 4 | 0 | 52 | .5699 |
| 491 | Mooreville | 18 | 24 | 3 | 3 | 16 | 0 | 64 | .7014 |
| 492 | Statesville | 18 | 24 | 3 | 3 | 12 | 0 | 60 | .6575 |
| 500 | Jackson | 24 | 24 | 2 | 6 | 12 | 0 | 69 | .7562 |
| 510 | Johnston | 24 | 24 | 3 | 6 | 4 | 0 | 61 | .6685 |
| 520 | Jones | 24 | 24 | 3 | 6 | 16 | 0 | 73 | .8000 |
| 530 | Lee/Sanford | 21 | 24 | 3 | 6 | 8 | 0 | 62 | .6794 |
| 540 | Lenoir | 24 | 27 | 3 | 3 | 8 | 2 | 67 | .7342 |
| 541 | Kinston | 21 | 27 | 3 | 3 | 12 | 0 | 66 | .7233 |
| 550 | Lincoln | 18 | 24 | 3 | 6 | 8 | 2 | 61 | .6685 |
| 560 | Macon | 24 | 21 | 3 | 6 | 12 | 0 | 66 | .7233 |
| 570 | Madison | 24 | 27 | 3 | 3 | 12 | 0 | 69 | .7562 |
| 580 | Martin | 24 | 21 | 3 | 6 | 8 | 8 | 70 | .7671 |
| 590 | McDowell | 21 | 24 | 3 | 6 | 8 | 0 | 62 | .6794 |
| 600 | Mecklenburg | 18 | 21 | 3 | 3 | 4 | 12 | 61 | .6685 |
| 610 | Mitchell | 24 | 24 | 3 | 6 | 16 | 0 | 73 | .8000 |

TABLE: 21 SECONDARY POINTS EA, THROUGH FORMULA DISTRIBUTION FACTORS
FOR SUB-PART II AND SUB-PART III WITH THE EXCEPTION OF WORK-STUDY

FY 1982

| Local Educational Agency | | CLIF | RAP | EDA | CU | ADM | NP | TOTAL | % TO TOTAL |
|--------------------------|-----------------|------|-----|-----|----|-----|----|-------|------------|
| No. | Name | | | | | | | | |
| 620 | Montgomery | 21 | 24 | 0 | 3 | 12 | 0 | 60 | .6575 |
| 630 | Moore | 21 | 21 | 0 | 6 | 4 | 0 | 52 | .5699 |
| 640 | Nash | 24 | 24 | 3 | 3 | 4 | 0 | 58 | .6356 |
| 641 | Rocky Mount | 21 | 24 | 3 | 3 | 8 | 2 | 61 | .6685 |
| 650 | New Hanover | 18 | 21 | 3 | 6 | 4 | 2 | 54 | .5918 |
| 660 | Northampton | 27 | 27 | 3 | 6 | 8 | 0 | 71 | .7781 |
| 670 | Onslow | 21 | 27 | 3 | 6 | 4 | 0 | 61 | .6685 |
| 680 | Orange | 18 | 27 | 0 | 3 | 12 | 2 | 62 | .6794 |
| 681 | Chapel Hill | 18 | 27 | 0 | 3 | 8 | 0 | 56 | .6137 |
| 690 | Pamlico | 24 | 27 | 6 | 6 | 16 | 0 | 79 | .8658 |
| 700 | Pasquotank | 24 | 27 | 3 | 6 | 8 | 2 | 70 | .7671 |
| 710 | Pender | 24 | 21 | 3 | 6 | 12 | 0 | 66 | .7233 |
| 720 | Perquimans | 27 | 24 | 3 | 3 | 16 | 6 | 79 | .8658 |
| 730 | Person | 21 | 18 | 3 | 6 | 8 | 0 | 56 | .6137 |
| 740 | Pitt | 24 | 24 | 3 | 3 | 4 | 0 | 58 | .6356 |
| 741 | Greenville | 21 | 24 | 3 | 3 | 8 | 0 | 59 | .6466 |
| 750 | Polk | 21 | 21 | 3 | 3 | 16 | 0 | 64 | .7014 |
| 751 | Tryon | 21 | 21 | 3 | 3 | 16 | 0 | 64 | .7014 |
| 760 | Randolph | 18 | 24 | 3 | 3 | 4 | 0 | 52 | .5699 |
| 761 | Asheboro | 18 | 24 | 3 | 3 | 12 | 0 | 60 | .6575 |
| 770 | Richmond | 21 | 27 | 3 | 6 | 4 | 2 | 63 | .6904 |
| 780 | Robeson | 27 | 27 | 6 | 6 | 4 | 0 | 70 | .7671 |
| 781 | Fairmont | 27 | 27 | 6 | 3 | 16 | 0 | 79 | .8658 |
| 782 | Lumberton | 21 | 27 | 6 | 3 | 12 | 0 | 69 | .7562 |
| 784 | Red Springs | 24 | 27 | 6 | 3 | 16 | 0 | 76 | .8329 |
| 785 | St. Pauls | 24 | 27 | 6 | 3 | 16 | 0 | 76 | .8329 |
| 790 | Rockingham | 18 | 21 | 0 | 3 | 8 | 0 | 50 | .5479 |
| 791 | Eden | 18 | 21 | 0 | 3 | 12 | 4 | 58 | .6356 |
| 792 | Madison Mayodan | 18 | 21 | 0 | 3 | 16 | 0 | 58 | .6356 |

TABLE: 21

SECONDARY POINTS EARNED THROUGH FORMULA DISTRIBUTION FACTORS
FOR SUB-PART II AND SUB-PART III WITH THE EXCEPTION OF WORK-STUDY
FY 1982

| Local Educational Agency | | CLIF | RAP | EDA | GU | ADM | NP | TOTAL | % TO TOTAL |
|--------------------------|--------------|-------|-------|-----|-----|-------|-----|-------|------------|
| No. | Name | | | | | | | | |
| 793 | Reidsville | 18 | 21 | 0 | 3 | 12 | 0 | 54 | .5918 |
| 800 | Rowan | 18 | 24 | 3 | 3 | 4 | 0 | 52 | .5699 |
| 801 | Salisbury | 18 | 24 | 3 | 3 | 16 | 0 | 64 | .7014 |
| 810 | Rutherford | 21 | 24 | 3 | 6 | 4 | 0 | 58 | .6356 |
| 820 | Sampson | 24 | 24 | 3 | 3 | 8 | 0 | 62 | .6794 |
| 821 | Clinton | 24 | 24 | 3 | 3 | 16 | 0 | 70 | .7671 |
| 830 | Scotland | 21 | 24 | 3 | 6 | 8 | 0 | 62 | .6794 |
| 840 | Stanly | 18 | 24 | 3 | 3 | 8 | 0 | 56 | .6137 |
| 841 | Albemarle | 18 | 24 | 3 | 3 | 16 | 0 | 64 | .7014 |
| 850 | Stokes | 21 | 18 | 0 | 6 | 8 | 0 | 53 | .5808 |
| 860 | Surry | 21 | 24 | 3 | 6 | 8 | 0 | 62 | .6794 |
| 861 | Elkin | 18 | 24 | 3 | 3 | 16 | 6 | 70 | .7671 |
| 862 | Mount Airy | 18 | 24 | 3 | 3 | 16 | 4 | 68 | .7452 |
| 870 | Swain | 24 | 27 | 6 | 6 | 16 | 0 | 79 | .8657 |
| 880 | Transylvania | 18 | 21 | 3 | 6 | 12 | 0 | 60 | .6575 |
| 890 | Tyrrell | 27 | 24 | 9 | 9 | 16 | 0 | 85 | .9315 |
| 900 | Union | 18 | 24 | 3 | 3 | 4 | 0 | 52 | .5699 |
| 901 | Monroe | 18 | 24 | 3 | 3 | 12 | 0 | 60 | .6575 |
| 910 | Vance | 21 | 27 | 3 | 6 | 8 | 2 | 67 | .7342 |
| 920 | Wake | 18 | 21 | 0 | 3 | 4 | 2 | 48 | .5260 |
| 930 | Warren | 27 | 27 | 6 | 6 | 12 | 0 | 78 | .8548 |
| 940 | Washington | 21 | 27 | 3 | 6 | 12 | 0 | 69 | .7562 |
| 950 | Watauga | 21 | 21 | 3 | 6 | 12 | 0 | 63 | .6904 |
| 960 | Wayne | 21 | 24 | 3 | 3 | 4 | 0 | 55 | .6027 |
| 962 | Goldsboro | 24 | 24 | 3 | 3 | 12 | 0 | 66 | .7233 |
| 970 | Wilkes | 21 | 24 | 3 | 6 | 4 | 2 | 60 | .6575 |
| 980 | Wilson | 21 | 24 | 3 | 6 | 4 | 0 | 58 | .6356 |
| 990 | Yadkin | 21 | 24 | 3 | 6 | 8 | 2 | 64 | .7014 |
| 995 | Yancey | 24 | 24 | 3 | 6 | 16 | 0 | 73 | .8000 |
| TOTAL | | 3,048 | 3,456 | 441 | 636 | 1,440 | 104 | 9,125 | 100.0000 |

TABLE: 22

SECONDARY
POINTS EARNED THROUGH FORMULA DISTRIBUTION
FACTORS FOR WORK-STUDY AND SPECIAL DISADVANTAGED

FY 1981

| Local Educational Agency | | CLIF | RAP | EDA | GU | DROPOUT | TOTAL | % TO TOTAL |
|--------------------------|------------|------|-----|-----|----|---------|-------|------------|
| No. | Name | | | | | | | |
| 010 | Alamance | 18 | 24 | 6 | 6 | 8 | 62 | .6966 |
| 011 | Burlington | 18 | 24 | 6 | 3 | 6 | 57 | .6404 |
| 020 | Alexander | 18 | 27 | 3 | 6 | 10 | 64 | .7190 |
| 030 | Alleghany | 24 | 21 | 3 | 3 | 8 | 59 | .6628 |
| 040 | Anson | 24 | 27 | 3 | 6 | 8 | 68 | .7640 |
| 050 | Ashe | 24 | 21 | 3 | 9 | 8 | 65 | .7303 |
| 060 | Avery | 24 | 27 | 6 | 9 | 10 | 76 | .8538 |
| 070 | Beaufort | 24 | 24 | 3 | 3 | 6 | 60 | .6741 |
| 071 | Washington | 21 | 24 | 3 | 3 | 6 | 57 | .6404 |
| 080 | Bertie | 27 | 24 | 6 | 9 | 8 | 74 | .8314 |
| 090 | Bladen | 24 | 24 | 6 | 9 | 6 | 69 | .7752 |
| 100 | Brunswick | 21 | 18 | 9 | 9 | 12 | 69 | .7752 |
| 110 | Buncombe | 18 | 24 | 3 | 6 | 8 | 59 | .6628 |
| 111 | Asheville | 21 | 24 | 3 | 3 | 8 | 59 | .6628 |
| 120 | Burke | 18 | 24 | 3 | 6 | 10 | 61 | .6853 |
| 130 | Cabarrus | 18 | 24 | 3 | 3 | 8 | 56 | .6291 |
| 131 | Concord | 18 | 24 | 3 | 3 | 8 | 56 | .6291 |
| 132 | Kannapolis | 18 | 24 | 3 | 3 | 12 | 60 | .6741 |
| 140 | Caldwell | 18 | 24 | 3 | 6 | 10 | 61 | .6853 |
| 150 | Camden | 21 | 27 | 3 | 6 | 10 | 67 | .7527 |
| 160 | Carteret | 21 | 24 | 3 | 6 | 12 | 66 | .7415 |
| 170 | Caswell | 21 | 24 | 3 | 6 | 12 | 66 | .7415 |
| 180 | Catawba | 18 | 21 | 3 | 3 | 8 | 53 | .5954 |
| 181 | Hickory | 18 | 21 | 3 | 3 | 8 | 53 | .5954 |
| 182 | Newton | 18 | 21 | 3 | 3 | 8 | 53 | .5954 |
| 190 | Chatham | 21 | 24 | 3 | 6 | 8 | 62 | .6966 |
| 200 | Cherokee | 24 | 27 | 6 | 9 | 8 | 74 | .8314 |

SECONDARY
POINTS EARNED THROUGH FORMULA DISTRIBUTION
FACTORS FOR WORK-STUDY AND SPECIAL DISADVANTAGED

TABLE: 22

FY 1981

| Local Educational Agency | | CLIF | RAP | EDA | GU | DROPOUT | TOTAL | % TO TOTAL |
|--------------------------|----------------|------|-----|-----|----|---------|-------|------------|
| No. | Name | | | | | | | |
| 210 | Chowan | 24 | 24 | 3 | 6 | 8 | 65 | .7303 |
| 220 | Clay | 27 | 27 | 6 | 6 | 6 | 72 | .8089 |
| 230 | Cleveland | 18 | 24 | 3 | 3 | 8 | 56 | .6291 |
| 231 | Kings Mountain | 18 | 24 | 3 | 3 | 8 | 56 | .6291 |
| 232 | Shelby | 18 | 24 | 3 | 3 | 6 | 54 | .6067 |
| 240 | Columbus | 24 | 27 | 6 | 6 | 6 | 69 | .7752 |
| 241 | Whiteville | 21 | 27 | 6 | 3 | 8 | 65 | .7303 |
| 250 | Craven | 21 | 27 | 3 | 3 | 8 | 62 | .6966 |
| 251 | New Bern | 21 | 27 | 3 | 3 | 12 | 66 | .7415 |
| 260 | Cumberland | 21 | 27 | 3 | 6 | 6 | 63 | .7078 |
| 261 | Fayetteville | 21 | 27 | 3 | 3 | 6 | 60 | .6741 |
| 270 | Currituck | 21 | 24 | 3 | 6 | 8 | 62 | .6966 |
| 280 | Dare | 18 | 18 | 3 | 6 | 8 | 53 | .5954 |
| 290 | Davidson | 18 | 24 | 3 | 3 | 6 | 54 | .6067 |
| 291 | Lexington | 18 | 24 | 3 | 3 | 12 | 60 | .6741 |
| 292 | Thomasville | 18 | 24 | 3 | 3 | 6 | 54 | .6067 |
| 300 | Davie | 18 | 21 | 0 | 6 | 6 | 51 | .5730 |
| 310 | Duplin | 24 | 27 | 6 | 9 | 8 | 74 | .8314 |
| 320 | Durham County | 21 | 21 | 0 | 3 | 8 | 53 | .5954 |
| 321 | Durham City | 18 | 21 | 0 | 3 | 16 | 58 | .6516 |
| 330 | Edgecombe | 27 | 24 | 3 | 6 | 8 | 68 | .7640 |
| 331 | Tarboro | 21 | 24 | 3 | 3 | 8 | 59 | .6628 |
| 340 | Forsyth | 18 | 21 | 3 | 6 | 4 | 52 | .5842 |
| 350 | Franklin | 24 | 27 | 6 | 6 | 10 | 73 | .8201 |
| 351 | Franklinton | 21 | 27 | 6 | 3 | 8 | 65 | .7303 |
| 360 | Gaston | 18 | 24 | 3 | 6 | 10 | 61 | .6853 |
| 370 | Gates | 24 | 27 | 3 | 6 | 4 | 64 | .7190 |
| 380 | Graham | 24 | 27 | 9 | 9 | 14 | 83 | .9325 |
| 390 | Granville | 24 | 27 | 6 | 9 | 8 | 74 | .8314 |

TABLE: 22

S. J. DARY
POINTS EARNED THROUGH FORMULA DISTRIBUTION
FACTORS FOR WORK-STUDY AND SPECIAL DISADVANTAGED

FY 1981

| Local Educational Agency | | CLIF | RAP | EDA | GU | DROPOUT | TOTAL | % TO TOTAL |
|--------------------------|----------------|------|-----|-----|----|---------|-------|------------|
| No. | Name | | | | | | | |
| 400 | Greene | 24 | 27 | 3 | 9 | 12 | 75 | .8426 |
| 410 | Guilford | 18 | 21 | 3 | 3 | 6 | 51 | .5730 |
| 411 | Greensboro | 18 | 21 | 3 | 3 | 6 | 51 | .5730 |
| 412 | High Point | 18 | 21 | 3 | 3 | 10 | 55 | .6179 |
| 420 | Halifax | 27 | 24 | 6 | 6 | 8 | 71 | .7977 |
| 421 | Roanoke Rapids | 18 | 24 | 6 | 3 | 8 | 59 | .6628 |
| 422 | Weldon | 24 | 24 | 6 | 3 | 10 | 67 | .7527 |
| 430 | Harnett | 21 | 27 | 3 | 6 | 8 | 65 | .7303 |
| 440 | Haywood | 21 | 24 | 3 | 6 | 8 | 62 | .6965 |
| 450 | Henderson | 21 | 24 | 3 | 3 | 8 | 59 | .6628 |
| 451 | Hendersonville | 18 | 24 | 3 | 3 | 2 | 50 | .5617 |
| 460 | Hertford | 24 | 27 | 3 | 6 | 8 | 68 | .7640 |
| 470 | Hoke | 24 | 27 | 6 | 9 | 12 | 78 | .8763 |
| 480 | Hyde | 27 | 24 | 3 | 9 | 4 | 67 | .7527 |
| 490 | Iredell | 18 | 21 | 3 | 6 | 10 | 58 | .6516 |
| 491 | Mooreville | 18 | 21 | 3 | 3 | 10 | 55 | .6179 |
| 492 | Statesville | 18 | 21 | 3 | 3 | 6 | 51 | .5730 |
| 500 | Jackson | 24 | 21 | 3 | 6 | 8 | 62 | .6965 |
| 510 | Johnston | 24 | 27 | 3 | 6 | 6 | 66 | .7415 |
| 520 | Jones | 24 | 24 | 3 | 6 | 6 | 63 | .7078 |
| 530 | Lee/Sanford | 21 | 24 | 3 | 6 | 4 | 58 | .6516 |
| 540 | Lenoir | 24 | 24 | 3 | 3 | 8 | 62 | .6965 |
| 541 | Kinston | 21 | 24 | 3 | 3 | 12 | 63 | .7078 |
| 550 | Lincoln | 18 | 24 | 3 | 6 | 8 | 59 | .6628 |
| 560 | Macon | 24 | 18 | 3 | 6 | 4 | 55 | .6179 |
| 570 | Madison | 24 | 27 | 3 | 6 | 8 | 68 | .7640 |
| 580 | Martin | 24 | 21 | 6 | 9 | 6 | 66 | .7415 |
| 590 | McDowell | 21 | 24 | 3 | 6 | 10 | 64 | .7190 |
| 600 | Mecklenburg | 18 | 21 | 3 | 6 | 8 | 56 | .6291 |
| 610 | Mitchell | 24 | 21 | 3 | 6 | 10 | 64 | .7190 |

TABLE: 22

SECONDARY
POINTS EARNED THROUGH FORMULA DISTRIBUTION
FACTORS FOR WORK-STUDY AND SPECIAL DISADVANTAGED

FY 1981

| Local Educational Agency | | GLIF | RAP | EDA | GU | DROPOUT | TOTAL | % TO TOTAL |
|--------------------------|-----------------|------|-----|-----|----|---------|-------|------------|
| No. | Name | | | | | | | |
| 620 | Montgomery | 21 | 24 | 0 | 3 | 8 | 56 | .6291 |
| 630 | Moore | 21 | 24 | 0 | 6 | 10 | 61 | .6853 |
| 640 | Nash | 24 | 24 | 3 | 3 | 10 | 64 | .7190 |
| 641 | Rocky Mount | 21 | 24 | 3 | 3 | 8 | 59 | .6628 |
| 650 | New Hanover | 18 | 21 | 3 | 9 | 8 | 59 | .6628 |
| 660 | Northampton | 27 | 27 | 3 | 6 | 6 | 69 | .7752 |
| 670 | Onslow | 21 | 27 | 3 | 6 | 6 | 63 | .7078 |
| 680 | Orange | 18 | 24 | 0 | 3 | 12 | 57 | .6404 |
| 681 | Chapel Hill | 18 | 24 | 0 | 3 | 2 | 47 | .5280 |
| 690 | Pamlico | 24 | 27 | 6 | 9 | 10 | 76 | .8538 |
| 700 | Pasquotank | 24 | 27 | 3 | 6 | 12 | 72 | .8089 |
| 710 | Pender | 24 | 27 | 6 | 9 | 6 | 72 | .8089 |
| 720 | Perquimans | 27 | 24 | 3 | 6 | 8 | 68 | .7640 |
| 730 | Person | 21 | 18 | 6 | 6 | 5 | 57 | .6404 |
| 740 | Pitt | 24 | 24 | 3 | 6 | 6 | 63 | .7078 |
| 741 | Greenville | 21 | 24 | 3 | 3 | 4 | 55 | .6179 |
| 750 | Polk | 21 | 21 | 3 | 3 | 8 | 56 | .6291 |
| 751 | Tryon | 21 | 21 | 3 | 3 | 6 | 54 | .6067 |
| 760 | Randolph | 18 | 24 | 3 | 3 | 10 | 58 | .6516 |
| 761 | Asheboro | 18 | 24 | 3 | 3 | 8 | 56 | .6291 |
| 770 | Richmond | 21 | 27 | 3 | 6 | 8 | 65 | .7303 |
| 780 | Robeson | 27 | 27 | 9 | 6 | 8 | 77 | .8651 |
| 781 | Fairmont | 27 | 27 | 9 | 3 | 12 | 78 | .8763 |
| 782 | Lumberton | 21 | 27 | 9 | 3 | 8 | 68 | .7640 |
| 783 | Maxton | | | | | | | |
| 784 | Red Springs | 24 | 27 | 9 | 3 | 8 | 71 | .7977 |
| 785 | St. Pauls | 24 | 27 | 9 | 3 | 8 | 71 | .7977 |
| 790 | Rockingham | 18 | 24 | 0 | 3 | 8 | 53 | .5954 |
| 791 | Eden | 18 | 24 | 0 | 3 | 8 | 53 | .5954 |
| 792 | Madison Mayodan | 18 | 24 | 0 | 3 | 8 | 53 | .5954 |

TABLE: 22

SECONDARY
POINTS EARNED THROUGH FORMULA DISTRIBUTION
FACTORS FOR WORK-STUDY AND SPECIAL DISADVANTAGED
FY 1981

| Local Educational Agency | | CLIF | RAP | EDA | GU | DROPOUT | TOTAL | % TO TOTAL |
|--------------------------|--------------|-------|-------|-----|-----|---------|-------|------------|
| No. | Name | | | | | | | |
| 793 | Reidsville | 18 | 24 | 0 | 3 | 10 | 55 | .6179 |
| 800 | Rowan | 18 | 24 | 3 | 3 | 6 | 54 | .6067 |
| 801 | Salisbury | 18 | 24 | 3 | 3 | 6 | 54 | .6067 |
| 810 | Rutherford | 21 | 24 | 3 | 6 | 10 | 64 | .7190 |
| 820 | Sampson | 24 | 27 | 3 | 6 | 6 | 66 | .7415 |
| 821 | Clinton | 24 | 27 | 3 | 3 | 8 | 62 | .7303 |
| 830 | Scotland | 21 | 24 | 3 | 6 | 12 | 66 | .7415 |
| 840 | Stanly | 18 | 21 | 3 | 3 | 8 | 53 | .5954 |
| 841 | Albemarle | 18 | 21 | 3 | 3 | 14 | 59 | .6628 |
| 850 | Stokes | 21 | 18 | 0 | 6 | 6 | 51 | .5730 |
| 860 | Surry | 21 | 24 | 3 | 6 | 8 | 62 | .6965 |
| 861 | Elkin | 18 | 24 | 3 | 3 | 4 | 52 | .5842 |
| 862 | Mount Airy | 18 | 24 | 3 | 3 | 6 | 54 | .6067 |
| 870 | Swain | 24 | 27 | 9 | 9 | 4 | 73 | .8201 |
| 880 | Transylvania | 18 | 21 | 3 | 6 | 10 | 58 | .6516 |
| 890 | Tyrrell | 27 | 24 | 6 | 9 | 12 | 78 | .8763 |
| 900 | Union | 18 | 21 | 3 | 3 | 10 | 55 | .6179 |
| 901 | Monroe | 18 | 21 | 3 | 3 | 10 | 55 | .6179 |
| 910 | Vance | 21 | 24 | 3 | 6 | 6 | 60 | .6741 |
| 920 | Hake | 18 | 21 | 0 | 3 | 6 | 48 | .5393 |
| 930 | Warren | 27 | 24 | 6 | 9 | 6 | 72 | .8089 |
| 940 | Washington | 21 | 27 | 3 | 6 | 4 | 61 | .6854 |
| 950 | Watauga | 21 | 24 | 3 | 6 | 6 | 60 | .6741 |
| 960 | Wayne | 21 | 27 | 3 | 6 | 4 | 61 | .6853 |
| 962 | Goldsboro | 24 | 27 | 3 | 3 | 6 | 63 | .7078 |
| 970 | Milkes | 21 | 24 | 3 | 6 | 10 | 64 | .7190 |
| 980 | Wilson | 21 | 24 | 3 | 6 | 8 | 62 | .6966 |
| 990 | Yadkin | 21 | 24 | 3 | 6 | 6 | 60 | .6741 |
| 995 | Yancey | 24 | 24 | 3 | 6 | 8 | 65 | .7303 |
| TOTAL | | 3,048 | 3,465 | 510 | 726 | 1,152 | 8,901 | 100.0000 |

TABLE: 22

SECONDARY
POINTS EARNED THROUGH FORMULA DISTRIBUTION
FACTORS FOR WORK-STUDY AND SPECIAL DISADVANTAGED

FY 1982

| Local Educational Agency | | CLIF | PAP | EDA | GU | DROP- OUT | NEW PROGRAMS | TOTAL | % TO TOTAL |
|--------------------------|------------|------|-----|-----|----|--------------|-----------------|-------|---------------|
| No. | Name | | | | | | | | |
| 010 | Alamance | 18 | 24 | 3 | 3 | 10 | 2 | 60 | .6817 |
| 011 | Burlington | 18 | 24 | 3 | 3 | 8 | | 56 | .6363 |
| 020 | Alexander | 18 | 24 | 3 | 6 | 10 | | 61 | .6931 |
| 030 | Alleghany | 24 | 21 | 3 | 3 | 6 | | 57 | .6477 |
| 040 | Anson | 24 | 24 | 3 | 6 | 4 | | 61 | .6931 |
| 050 | Ashe | 24 | 24 | 3 | 6 | 8 | | 65 | .7386 |
| 060 | Avery | 24 | 21 | 3 | 6 | 10 | | 64 | .7272 |
| 070 | Beaufort | 24 | 21 | 3 | 3 | 8 | | 59 | .6704 |
| 071 | Washington | 21 | 21 | 3 | 3 | 2 | | 50 | .5661 |
| 080 | Bertie | 27 | 24 | 3 | 6 | 12 | 2 | 74 | .8402 |
| 090 | Bladen | 24 | 24 | 3 | 6 | 8 | | 65 | .7386 |
| 100 | Brunswick | 21 | 18 | 3 | 6 | 10 | | 58 | .6590 |
| 110 | Buncombe | 18 | 24 | 3 | 3 | 6 | | 54 | .6136 |
| 111 | Asheville | 21 | 24 | 3 | 3 | 8 | | 59 | .6704 |
| 120 | Burke | 18 | 21 | 3 | 6 | 12 | | 60 | .6817 |
| 130 | Cabarrus | 18 | 24 | 3 | 3 | 8 | | 56 | .6363 |
| 131 | Concord | 18 | 24 | 3 | 3 | 6 | | 54 | .6136 |
| 132 | Kannapolis | 18 | 24 | 3 | 3 | 12 | | 60 | .6817 |
| 140 | Caldwell | 18 | 24 | 3 | 6 | 12 | | 63 | .7158 |
| 150 | Camden | 21 | 27 | 3 | 6 | 4 | | 61 | .6931 |
| 160 | Carteret | 21 | 24 | 3 | 6 | 10 | 2 | 66 | .7499 |
| 170 | Caswell | 21 | 24 | 3 | 6 | 10 | | 64 | .7272 |
| 180 | Catawba | 18 | 21 | 3 | 3 | 6 | | 51 | .5795 |
| 181 | Hickory | 18 | 21 | 3 | 3 | 8 | 2 | 55 | .6249 |
| 182 | Newton | 18 | 21 | 3 | 3 | 8 | | 53 | .6022 |
| 190 | Catham | 21 | 21 | 3 | 3 | 8 | 2 | 58 | .6590 |
| 200 | Cherokee | 24 | 27 | 3 | 6 | 8 | | 68 | .7726 |

SECONDARY
POINTS EARNED THRU FORMULA DISTRIBUTION
FACTORS FOR WORK-STUDY AND SPECIAL DISADVANTAGED

FY 1982

| Local Educational Agency | | CLIF | RAP | EDA | CJ | DROP- OUT | NEW PROGRAMS | TOTAL | % TO TOTAL |
|--------------------------|----------------|------|-----|-----|----|--------------|-----------------|-------|---------------|
| No. | Name | | | | | | | | |
| 210 | Chowan | 24 | 24 | 3 | 3 | 4 | | 53 | .6590 |
| 220 | Clay | 27 | 24 | 3 | 6 | 4 | | 24 | .7272 |
| 230 | Cleveland | 18 | 24 | 3 | 3 | 6 | | 54 | .6136 |
| 231 | Kings Mountain | 18 | 24 | 3 | 3 | 6 | 2 | 56 | .6263 |
| 232 | Shelby | 18 | 24 | 3 | 3 | 4 | | 52 | .5908 |
| 240 | Columbus | 24 | 27 | 3 | 6 | 8 | | 63 | .7726 |
| 241 | Whiteville | 21 | 27 | 3 | 3 | 8 | | 62 | .7045 |
| 250 | Craven | 21 | 27 | 3 | 3 | 10 | | 64 | .7272 |
| 251 | New Bern | 21 | 27 | 3 | 3 | 12 | | 66 | .7499 |
| 260 | Cumberland | 21 | 27 | 3 | 6 | 6 | | 63 | .7158 |
| 261 | Fayetteville | 21 | 27 | 3 | 3 | 4 | | 58 | .6590 |
| 270 | Currituck | 21 | 24 | 3 | 6 | 14 | | 68 | .7726 |
| 280 | Dare | 18 | 18 | 3 | 6 | 8 | 6 | 59 | .6704 |
| 290 | Davidson | 18 | 24 | 3 | 3 | 6 | | 54 | .6136 |
| 291 | Lexington | 18 | 24 | 3 | 3 | 10 | | 58 | .6590 |
| 292 | Thomasville | 18 | 24 | 3 | 3 | 4 | | 52 | .5908 |
| 300 | Davie | 18 | 18 | 0 | 3 | 4 | | 43 | .4886 |
| 310 | Duplin | 24 | 24 | 3 | 6 | 8 | | 65 | .7386 |
| 320 | Durham County | 21 | 24 | 0 | 3 | 8 | | 56 | .6363 |
| 321 | Durham City | 18 | 24 | 0 | 3 | 16 | | 61 | .6931 |
| 330 | Edgecombe | 27 | 24 | 3 | 6 | 12 | | 72 | .8181 |
| 331 | Tarboro | 21 | 24 | 3 | 3 | 8 | 6 | 65 | .7386 |
| 340 | Forsyth | 18 | 21 | 3 | 6 | 4 | | 52 | .5908 |
| 350 | Franklin | 24 | 27 | 3 | 6 | 8 | | 68 | .7726 |
| 351 | Franklinton | 21 | 27 | 3 | 3 | 4 | | 53 | .6590 |
| 360 | Gaston | 18 | 24 | 3 | 6 | 12 | | 63 | .7158 |
| 370 | Gates | 24 | 27 | 3 | 3 | 8 | 4 | 69 | .7841 |
| 380 | Graham | 24 | 21 | 6 | 9 | 12 | | 72 | .8181 |
| 390 | Granville | 24 | 27 | 3 | 6 | 8 | 2 | 70 | .7954 |

TABLE: 22

SECONDARY
POINTS EARNED THROUGH FORMULA DISTRIBUTION
FACTORS FOR WORK-STUDY AND SPECIAL DISADVANTAGED

FY 1982

| Local Educational Agency | | CLIF | WF | EDA | GU | DEP- CAP | NEW PROGRAMS | TOTAL | % TO TOTAL |
|--------------------------|----------------|------|----|-----|----|-------------|-----------------|-------|---------------|
| No. | Name | | | | | | | | |
| 400 | Greene | 24 | 27 | 3 | 6 | 12 | 2 | 74 | .8408 |
| 410 | Guliford | 18 | 24 | 3 | 3 | 6 | 2 | 56 | .6363 |
| 411 | Greensboro | 18 | 24 | 3 | 3 | 8 | | 56 | .6363 |
| 412 | High Point | 18 | 24 | 3 | 3 | 12 | | 50 | .5817 |
| 420 | Halifax | 27 | 27 | 6 | 6 | 10 | | 76 | .8635 |
| 421 | Roanoke Rapids | 18 | 27 | 6 | 3 | 6 | 2 | 62 | .7045 |
| 422 | Weldon | 24 | 27 | 6 | 3 | 8 | | 68 | .7726 |
| 430 | Harnett | 21 | 27 | 3 | 6 | 6 | 2 | 65 | .7386 |
| 440 | Haywood | 21 | 27 | 3 | 6 | 6 | 4 | 67 | .7613 |
| 450 | Henderson | 21 | 24 | 3 | 3 | 8 | | 59 | .6704 |
| 451 | Hendersonville | 18 | 24 | 3 | 3 | 4 | | 52 | .5908 |
| 460 | Hertford | 24 | 24 | 3 | 6 | 10 | | 67 | .7613 |
| 470 | Hoke | 24 | 27 | 6 | 6 | 14 | | 77 | .8749 |
| 480 | Hyde | 27 | 18 | 6 | 6 | 2 | | 59 | .6704 |
| 490 | Iredell | 18 | 24 | 3 | 3 | 10 | | 58 | .6590 |
| 491 | Mooreville | 18 | 24 | 3 | 3 | 10 | | 58 | .6590 |
| 492 | Statesville | 18 | 24 | 3 | 3 | 8 | | 56 | .6363 |
| 500 | Jackson | 24 | 24 | 3 | 6 | 8 | | 65 | .7386 |
| 510 | Johnston | 24 | 24 | 3 | 6 | 4 | | 61 | .6931 |
| 520 | Jones | 24 | 24 | 3 | 6 | 6 | | 63 | .7138 |
| 530 | Lee/Sanford | 21 | 24 | 3 | 6 | 4 | | 58 | .6590 |
| 540 | Lenoir | 24 | 27 | 3 | 3 | 10 | 2 | 69 | .7841 |
| 541 | Kinston | 21 | 27 | 3 | 3 | 10 | | 64 | .7272 |
| 550 | Lincoln | 18 | 24 | 3 | 6 | 8 | 2 | 61 | .6931 |
| 560 | Macon | 24 | 21 | 3 | 6 | 4 | | 58 | .6590 |
| 570 | Madison | 24 | 27 | 3 | 3 | 6 | | 63 | .7158 |
| 580 | Martin | 24 | 21 | 3 | 6 | 6 | 8 | 68 | .7726 |
| 590 | McDowell | 21 | 24 | 3 | 6 | 10 | | 64 | .7272 |
| 600 | Mecklenburg | 18 | 21 | 3 | 3 | 10 | 12 | 67 | .7613 |
| 610 | Mitchell | 24 | 24 | 3 | 6 | 10 | | 67 | .7613 |

SECONDARY
POINTS EARNED THRC FORMULA DISTRIBUTION
FACTORS FOR WORK-STUDY SPECIAL DISADVANTAGED

FY 1982

| Local Educational Agency | | CLIF | RAP | EDA | GU | DROPOUT | NEW PROGRAMS | TOTAL | % TO TOTAL |
|--------------------------|-----------------|------|-----|-----|----|---------|--------------|-------|------------|
| No. | Name | | | | | | | | |
| 620 | Montgomery | 21 | 24 | 0 | 3 | 8 | | 56 | .6363 |
| 630 | Moore | 21 | 21 | 0 | 6 | 8 | | 56 | .6363 |
| 640 | Nash | 24 | 24 | 3 | 3 | 8 | | 62 | .7045 |
| 641 | Rocky Mount | 21 | 24 | 3 | 3 | 8 | 2 | 61 | .6931 |
| 650 | New Hanover | 18 | 21 | 3 | 6 | 8 | 2 | 58 | .6590 |
| 660 | Northampton | 27 | 27 | 3 | 6 | 4 | | 67 | .7613 |
| 670 | Onslow | 21 | 27 | 3 | 6 | 4 | | 61 | .6931 |
| 680 | Orange | 18 | 27 | 0 | 3 | 12 | 2 | 62 | .7045 |
| 681 | Chapel Hill | 18 | 27 | 0 | 3 | 2 | | 50 | .5681 |
| 690 | Pamlico | 24 | 27 | 6 | 6 | 6 | | 69 | .7841 |
| 700 | Pasquotank | 24 | 27 | 3 | 6 | 14 | 2 | 76 | .8635 |
| 710 | Pender | 24 | 21 | 3 | 6 | 8 | | 62 | .7045 |
| 720 | Perquimans | 27 | 24 | 3 | 3 | 8 | 6 | 71 | .8067 |
| 730 | Person | 21 | 18 | 3 | 6 | 4 | | 52 | .5908 |
| 740 | Pitt | 24 | 24 | 3 | 3 | 6 | | 60 | .6817 |
| 741 | Greenville | 21 | 24 | 3 | 3 | 4 | | 55 | .6249 |
| 750 | Polk | 21 | 21 | 3 | 3 | 6 | | 54 | .6136 |
| 751 | Tryon | 21 | 21 | 3 | 3 | 2 | | 50 | .5681 |
| 760 | Randolph | 18 | 24 | 3 | 3 | 12 | | 60 | .6817 |
| 761 | Asheboro | 18 | 24 | 3 | 3 | 8 | | 56 | .6363 |
| 770 | Richmond | 21 | 27 | 3 | 6 | 10 | 2 | 69 | .7841 |
| 780 | Robeson | 27 | 27 | 6 | 6 | 10 | | 76 | .8635 |
| 781 | Fairmont | 27 | 27 | 6 | 3 | 14 | | 77 | .8749 |
| 782 | Lumberton | 21 | 27 | 6 | 3 | 8 | | 65 | .7386 |
| 784 | Red Springs | 24 | 27 | 6 | 3 | 6 | | 66 | .7499 |
| 785 | St. Pauls | 24 | 27 | 6 | 3 | 8 | | 68 | .7726 |
| 790 | Rockingham | 18 | 21 | 0 | 3 | 10 | | 52 | .5908 |
| 791 | Eden | 18 | 21 | 0 | 3 | 6 | 4 | 52 | .5908 |
| 792 | Madison Mayodan | 18 | 21 | 0 | 3 | 6 | | 48 | .5454 |

TABLE: 22

SECONDARY
POINTS EARNED THROUGH FORMULA DISTRIBUTION
FACTORS FOR WORK-STUDY AND SPECIAL DISADVANTAGED

FY 1982

| Local Educational Agency No. | Name | CLIF | RIP | EDA | GU | DROPTN | NEW PROGRAMS | TOTAL | % TO TOTAL |
|---------------------------------|--------------|-------|-------|-----|-----|--------|-----------------|-------|---------------|
| 793 | Reidsville | 18 | 21 | 0 | 3 | 10 | | 32 | .5908 |
| 800 | Rowan | 18 | 24 | 3 | 3 | 8 | | 36 | .6363 |
| 801 | Salisbury | 18 | 24 | 3 | 3 | 8 | | 36 | .6363 |
| 810 | Rutherford | 21 | 24 | 3 | 6 | 12 | | 66 | .7499 |
| 820 | Sampson | 24 | 24 | 3 | 3 | 6 | | 60 | .6817 |
| 821 | Clinton | 24 | 24 | 3 | 3 | 4 | | 58 | .6590 |
| 830 | Scotland | 21 | 24 | 3 | 6 | 16 | | 70 | .7954 |
| 840 | Stanly | 18 | 24 | 3 | 3 | 8 | | 36 | .6363 |
| 841 | Albemarle | 18 | 24 | 3 | 3 | 14 | | 62 | .7045 |
| 850 | Stokes | 21 | 18 | 0 | 6 | 8 | | 53 | .6022 |
| 860 | Surry | 21 | 24 | 3 | 6 | 8 | | 62 | .7045 |
| 861 | Elkin | 18 | 24 | 3 | 3 | 2 | 6 | 56 | .6363 |
| 862 | Mount Airy | 18 | 24 | 3 | 3 | 2 | 4 | 54 | .6136 |
| 870 | Swain | 24 | 27 | 6 | 6 | 8 | | 71 | .8067 |
| 880 | Transylvania | 18 | 21 | 3 | 6 | 6 | | 34 | .6136 |
| 890 | Tyrrell | 27 | 24 | 9 | 9 | 10 | | 79 | .8976 |
| 900 | Union | 18 | 24 | 3 | 3 | 10 | | 58 | .6590 |
| 901 | Monroe | 18 | 24 | 3 | 3 | 12 | | 60 | .6817 |
| 910 | Vance | 21 | 27 | 3 | 6 | 6 | 2 | 65 | .7386 |
| 920 | Wake | 18 | 21 | 0 | 3 | 8 | 2 | 52 | .5908 |
| 930 | Warren | 27 | 27 | 6 | 6 | 4 | | 70 | .7954 |
| 940 | Washington | 21 | 27 | 3 | 6 | 6 | | 63 | .7158 |
| 950 | Watauga | 21 | 21 | 3 | 6 | 4 | | 55 | .6249 |
| 960 | Wayne | 21 | 24 | 3 | 3 | 4 | | 55 | .6249 |
| 962 | Goldsboro | 24 | 24 | 3 | 3 | 2 | | 56 | .6363 |
| 970 | Wilkes | 21 | 24 | 3 | 6 | 10 | 2 | 66 | .7499 |
| 980 | Wilson | 21 | 24 | 3 | 6 | 6 | | 60 | .6817 |
| 990 | Yadkin | 21 | 24 | 3 | 6 | 6 | 2 | 62 | .7045 |
| 995 | Yancey | 24 | 24 | 3 | 6 | 6 | | 63 | .7158 |
| Grand Total | | 3,048 | 3,456 | 441 | 636 | 1,116 | 104 | 8,891 | 100.0000 |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1980-81
FOR SUB-PARTS 2, 3, & 5
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 23

| REM. RATE | LEA | ESTIMATED MONTHS OF EMPLOYMENT | | | | | | ESTIMATED REIMBURSEMENT | | | | | |
|--------------|--------------|--------------------------------|----------------|----------------|------------------|-------------------|--|-------------------------|----------------|----------------|------------------|-------------------|------------|
| | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | | |
| | | | | | ED A COUNTIES | OTHER COUNTIES | | | | | ED A COUNTIES | OTHER COUNTIES | LOCAL |
| 70 | Reidsville | 157.5 | 20.5 | 7.5 | | 6.5 | | 160,304 | 25,844 | 9,455 | | 8,195 | 87,342 |
| 68 | Rowan | 512 | 26 | 9 | 6.5 | | | 506,225 | 31,842 | 11,022 | | | 262,141 |
| 68 | Salisbury | 95 | 21 | 7 | 5.5 | | | 93,928 | 25,718 | 8,573 | 7,960 | | 63,508 |
| 70 | Rutherford | 389 | 30 | 10.5 | 7.5 | | | 395,924 | 37,821 | 13,237 | 6,736 | | 195,616 |
| 74 | Sampson | 320 | 30 | 10.5 | 7.5 | | | 344,307 | 39,982 | 13,994 | 9,455 | | 143,449 |
| 74 | Clinton | 102 | 25 | 8.5 | 6 | | | 109,748 | 33,319 | 11,328 | 7,996 | | 57,056 |
| 74 | Scotland | 235 | 27.5 | 9.5 | 7 | | | 252,851 | 36,650 | 12,661 | 9,329 | | 109,443 |
| 68 | Stanly | 301 | 23 | 8 | 6 | | | 297,605 | 28,168 | 9,797 | 7,348 | | 161,373 |
| 68 | Albemarle | 69.5 | 20 | 7 | 5 | | | 68,716 | 24,494 | 8,573 | 6,123 | | 50,779 |
| 68 | Stakes | 233 | 22 | 8 | | 7 | | 230,372 | 26,943 | 9,797 | | 8,573 | 129,734 |
| 70 | Surry | 308 | 29.5 | 10 | 7 | | | 313,482 | 37,191 | 12,607 | 8,825 | | 159,474 |
| 70 | Elkin | 27 | 21 | 7 | 5.5 | | | 27,481 | 26,475 | 8,825 | 6,934 | | 29,878 |
| 70 | Mount Airy | 70 | 21 | 7 | 5.5 | | | 71,246 | 26,475 | 8,825 | 6,934 | | 48,634 |
| 72 | Swain | 67 | 29.5 | 10 | 7.5 | | | 70,141 | 38,253 | 12,967 | 9,725 | | 50,978 |
| 68 | Transylvania | 152.5 | 27.5 | 9.5 | 7 | | | 150,780 | 33,679 | 11,634 | 8,573 | | 96,313 |
| 72 | Tyrrell | 22 | 28.5 | 9.5 | 7 | | | 23,031 | 36,957 | 12,319 | 9,077 | | 31,649 |
| 70 | Union | 420 | 27 | 9.5 | 7 | | | 427,476 | 34,039 | 11,977 | 8,825 | | 206,707 |
| 70 | Monroe | 99.5 | 21.5 | 7.5 | 5.5 | | | 101,271 | 27,105 | 9,455 | 6,934 | | 62,042 |
| 74 | Vance | 279 | 29.5 | 10 | 7 | | | 308,193 | 39,316 | 13,327 | 9,329 | | 127,247 |
| 68 | Wake | 2046.5 | 27 | 10 | | 8.5 | | 2,023,415 | 33,066 | 12,247 | | 10,410 | 978,418 |
| 74 | Warren | 122 | 31 | 11 | 8 | | | 131,267 | 41,315 | 14,660 | 10,662 | | 69,534 |
| 74 | Washington | 111 | 30.5 | 10.5 | 7.5 | | | 119,432 | 40,649 | 13,994 | 9,996 | | 64,674 |
| 70 | Watauga | 162 | 25 | 8.5 | 6.5 | | | 164,884 | 31,518 | 10,716 | 8,195 | | 92,277 |
| 72 | Wayne | 542 | 31 | 10.5 | 8 | | | 567,409 | 40,198 | 13,616 | 10,374 | | 245,621 |
| 72 | Goldsboro | 187 | 28 | 9.5 | 7 | | | 195,767 | 36,308 | 12,319 | 9,077 | | 98,572 |
| 72 | Wilkes | 425.5 | 28.5 | 10 | 7 | | | 445,447 | 36,957 | 12,967 | 9,077 | | 196,174 |
| 70 | Wilson | 510.5 | 29.5 | 10 | 7 | | | 519,587 | 37,191 | 12,607 | 8,825 | | 247,804 |
| 70 | Yadkin | 218 | 27.5 | 9.5 | 7 | | | 221,880 | 34,669 | 11,977 | 8,825 | | 118,865 |
| 72 | Yancey | 96 | 25 | 8.5 | 6 | | | 100,500 | 32,418 | 11,022 | 7,780 | | 59,002 |
| | TOTAL | 41,926.5 | 3,848 | 1,326 | 888 | 91 | | 42,766,283 | 4,923,838 | 1,696,246 | 1,138,781 | 112,925 | 21,404,632 |

TABLE: 23

131 (a)

TABLE: 23

131 (b)

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1981-82
FOR SUB-PARTS 2, 3, & 5
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 23

| REIM. RATE | LEA | MONTHS OF EMPLOYMENT | | | | | ESTIMATED REIMBURSEMENT | | | | |
|---------------|----------------|----------------------|----------------|----------------|-----------------|-------------------|-------------------------|----------------|----------------|-----------------|-------------------|
| | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | |
| | | | | | EDC COUNTIES | OTHER COUNTIES | | | | EDC COUNTIES | OTHER COUNTIES |
| 72 | Greene | 111.5 | 35 | 3.5 | 7 | | 162,235 | 49,596 | 4,955 | 9,919 | 88,163 |
| 68 | Guilford | 1,000.5 | 25 | 2.5 | 5.5 | | 1,455,748 | 35,425 | 3,540 | 7,794 | 707,062 |
| 68 | Greensboro | 1,030 | 23.5 | 2.5 | 6 | | 1,498,671 | 33,300 | 3,540 | 8,502 | 726,594 |
| 68 | High Point | 347 | 24 | 2.5 | 5.5 | | 504,892 | 34,008 | 3,540 | 7,794 | 258,934 |
| 74 | Halifax | 302 | 35 | 3.5 | 7 | | 439,416 | 49,596 | 4,955 | 9,919 | 177,041 |
| 74 | Roanoke Rapids | 89 | 35.5 | 3.5 | 5.5 | | 129,497 | 50,304 | 4,955 | 7,794 | 67,653 |
| 74 | Weldon | 46.5 | 36 | 3.5 | 7 | | 67,658 | 51,013 | 4,955 | 9,919 | 46,921 |
| 74 | Harnett | 442 | 28.5 | 3 | 6.5 | | 643,119 | 40,385 | 4,247 | 9,919 | 245,127 |
| 72 | Waywood | 352.5 | 30.5 | 3 | 6 | | 512,895 | 43,219 | 4,247 | 9,211 | 221,500 |
| 70 | Henderson | 317.5 | 27.5 | 3 | 6 | | 461,969 | 38,968 | 4,247 | 8,502 | 220,151 |
| 70 | Hendersonville | 46 | 31.5 | 3 | 5 | | 66,931 | 44,636 | 4,247 | 7,085 | 52,671 |
| 72 | Hertford | 189.5 | 31.5 | 3.5 | 7.5 | | 275,726 | 44,636 | 4,955 | 10,628 | 130,645 |
| 74 | Hoke | 147.5 | 35.5 | 3.5 | 7 | | 214,615 | 50,304 | 4,955 | 9,919 | 98,304 |
| 70 | Hyde | 30 | 34.5 | 3.5 | 6 | | 43,651 | 48,887 | 4,955 | 9,919 | 46,034 |
| 70 | Iredell | 388.5 | 23.5 | 2.5 | 6 | | 565,275 | 33,300 | 3,540 | 8,502 | 261,693 |
| 70 | Mooreville | 73 | 31 | 3 | 5.5 | | 106,216 | 43,927 | 4,247 | 7,794 | 69,507 |
| 70 | Statesville | 123 | 29 | 3 | 5 | | 178,967 | 41,094 | 4,247 | 7,085 | 99,168 |
| 68 | Jackson | 136.5 | 33 | 3.5 | 6 | | 198,610 | 46,762 | 4,955 | 8,502 | 121,802 |
| 72 | Johnston | 578 | 27.5 | 3 | 7 | | 841,002 | 38,968 | 4,247 | 9,919 | 347,720 |
| 72 | Jones | 95 | 36 | 3.5 | 5.5 | | 138,227 | 51,012 | 4,955 | 7,794 | 78,551 |
| 72 | Lee/Sanford | 268 | 29 | 3 | 6 | | 389,945 | 41,094 | 4,247 | 8,502 | 172,584 |
| 70 | Lenoir | 376 | 32 | 3 | 6 | | 547,088 | 45,345 | 4,247 | 8,502 | 259,364 |
| 70 | Kinston | 180.5 | 32 | 3 | 5.5 | | 262,631 | 45,344 | 4,247 | 7,794 | 137,150 |
| 72 | Lincoln | 312 | 28.5 | 3 | 6 | | 453,966 | 40,385 | 4,247 | 8,502 | 197,206 |
| 68 | Macon | 124.5 | 32 | 3 | 5.5 | | 181,150 | 45,344 | 4,247 | 7,794 | 112,252 |
| 74 | Madison | 122.5 | 33 | 3.5 | 6 | | 178,240 | 46,762 | 4,955 | 8,502 | 83,783 |
| 70 | Martin | 210.5 | 33 | 3.5 | 7 | | 306,282 | 47,762 | 4,955 | 9,919 | 157,679 |
| 70 | McDowell | 250 | 29 | 3 | 6 | | 363,755 | 41,094 | 4,247 | 8,502 | 178,971 |
| 68 | Necklenburg | 2,855 | 28 | 3 | 6.5 | | 4,154,082 | 39,676 | 4,247 | 9,211 | 1,979,866 |
| 70 | Nitchell | 84.5 | 36 | 3.5 | 5.5 | | 122,949 | 51,012 | 4,955 | 7,794 | 80,019 |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1981-82
FOR SUB-PARTS 2, 3, & 5
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 23

| REDU. RATE | LEA | ESTIMATED MONTHS OF EMPLOYMENT | | | | | | | | | | ESTIMATED REIMBURSEMENT | | | | | |
|---------------|-----------------|--------------------------------|----------------|----------------|------------|--|-----|-----------|----------------|----------------|-----------------|-------------------------|----------------|----------------|-----------------|-------------------|---------|
| | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | | | STATE | SUB- PART 2 | SUB- PART 3 | EDA COUNTIES | OTHER COUNTIES | SUB- PART 2 | SUB- PART 3 | EDA COUNTIES | OTHER COUNTIES | LOCAL |
| | | | | | | | | | | | | | | | | | |
| 72 | Montgomery | 145.5 | 28.5 | 3 | | | 5.5 | 211,705 | 40,385 | 4,248 | | | | 4,248 | | 7,794 | 102,718 |
| 68 | Moore | 398 | 23 | 2.5 | | | 6.5 | 579,098 | 32,592 | 3,540 | | | | 3,540 | | 9,210 | 293,854 |
| 70 | Nash | 388.5 | 26 | 2.5 | | | | 565,275 | 36,843 | 3,540 | 7 | | | 3,540 | 9,919 | | 263,819 |
| 68 | Rocky Mount | 232 | 28.5 | 3 | | | | 337,565 | 40,385 | 4,248 | 6 | | | 4,248 | 8,502 | | 167,443 |
| 74 | New Hanover | 783 | 23.5 | 2.5 | | | | 1,139,281 | 33,300 | 3,540 | 7 | | | 3,540 | 9,919 | | 558,136 |
| 74 | Northampton | 196.5 | 32.5 | 3.5 | | | | 285,911 | 46,053 | 4,955 | 7.5 | | | 4,955 | 10,628 | | 122,111 |
| 68 | Onslow | 601 | 27.5 | 3 | | | | 874,467 | 38,968 | 4,248 | 7 | | | 4,248 | 9,919 | | 436,519 |
| 68 | Orange | 167 | 30 | 3 | | | | 242,988 | 42,511 | 4,248 | | | | | | 7,085 | 139,686 |
| 74 | Chapel Hill | 183.5 | 26.5 | 2.5 | | | | 266,996 | 37,550 | 3,540 | | | | 3,540 | | 7,794 | 148,649 |
| 74 | Pamlico | 82 | 37.5 | 3.5 | | | | 119,312 | 53,138 | 4,955 | 7.5 | | | 4,955 | 10,628 | | 66,066 |
| 72 | Pasquotank | 193.5 | 33 | 3.5 | | | | 281,546 | 46,762 | 4,955 | 7 | | | 4,955 | 9,919 | | 133,460 |
| 72 | Pender | 183.5 | 30.5 | 3 | | | | 266,996 | 43,219 | 4,248 | 7 | | | 4,248 | 9,919 | | 126,149 |
| 72 | Perquimans | 50 | 39 | 3.5 | | | | 72,751 | 55,264 | 4,955 | 6 | | | 4,955 | 8,502 | | 55,017 |
| 68 | Person | 221.5 | 26 | 2.5 | | | | 322,287 | 36,842 | 3,540 | 6 | | | 3,540 | 8,502 | | 174,669 |
| 70 | Pitt | 436 | 26 | 2.5 | | | | 634,389 | 36,843 | 3,540 | 7 | | | 3,540 | 9,919 | | 293,439 |
| 70 | Greenville | 188 | 27.5 | 3 | | | | 273,544 | 38,968 | 4,248 | 6 | | | 4,248 | 8,502 | | 139,398 |
| 68 | Polk | 74.5 | 31.5 | 3 | | | | 108,399 | 44,636 | 4,248 | 5 | | | 4,248 | 7,085 | | 77,350 |
| 68 | Tryon | 7.5 | 31.5 | 3 | | | | 10,913 | 44,636 | 4,248 | 5 | | | 4,248 | 7,085 | | 31,474 |
| 70 | Randolph | 498 | 23.5 | 2.5 | | | | 724,600 | 33,300 | 3,540 | 5 | | | 3,540 | 8,502 | | 329,975 |
| 70 | Ashburn | 146.5 | 29 | 3 | | | | 213,160 | 41,094 | 4,248 | 5 | | | 4,248 | 7,085 | | 113,823 |
| 74 | Richmond | 358.5 | 28.5 | 3 | | | | 521,625 | 40,385 | 4,248 | 7 | | | 4,248 | 9,919 | | 202,441 |
| 74 | Robeson | 548 | 31.5 | 3.5 | | | | 797,351 | 44,636 | 4,955 | 8.5 | | | 4,955 | 12,045 | | 301,806 |
| 74 | Fairmont | 74.5 | 38 | 3.5 | | | | 108,399 | 53,847 | 4,955 | 7 | | | 4,955 | 9,919 | | 62,231 |
| 74 | Lumberton | 157.5 | 33 | 3.5 | | | | 229,166 | 46,762 | 4,955 | 6 | | | 4,955 | 8,502 | | 106,676 |
| 74 | Red Springs | 40.5 | 37 | 3.5 | | | | 58,928 | 52,430 | 4,955 | 6 | | | 4,955 | 8,502 | | 43,854 |
| 74 | St. Pauls | 37 | 37 | 3.5 | | | | 53,836 | 52,430 | 4,955 | 6 | | | 4,955 | 8,502 | | |
| 70 | Rockingham | 178 | 23.5 | 2.5 | | | | 258,994 | 33,300 | 3,540 | | 5 | | 3,540 | 7,085 | | 42,065 |
| 70 | Wen | 162.5 | 28 | 2.5 | | | | 236,441 | 39,677 | 3,540 | | 5 | | 3,540 | 7,085 | | 129,822 |
| 70 | Madison Mayodan | 89.5 | 28 | 2.5 | | | | 130,224 | 39,677 | 3,540 | | 5 | | 3,540 | 7,085 | | 122,890 |
| | | | | | | | | | | | | | | | | | 77,368 |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1981-82
FOR SUB-PARTS 2, 3, & 5
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 23

| RETA. RATE | LEA | MONTHS OF EMPLOYMENT | | | | | | ESTIMATED REIMBURSEMENT | | | | |
|---------------|--------------|----------------------|----------------|----------------|-----------------|-------------------|------------|-------------------------|----------------|-----------------|-----------------|-------------------|
| | | STATE | SUB- PART 2 | SUB- PART 3 | SUB-PART 5 | | STATE | SUB- PART 2 | SUB- PART 3 | EDA COUNTIES | SUB-PART 5 | |
| | | | | | EDA COUNTIES | OTHER COUNTIES | | | | | EDA COUNTIES | OTHER COUNTIES |
| 70 | Reidsville | 159.5 | 25.5 | 2.5 | 6 | 5 | 232,076 | 36,134 | 3,540 | | 8,502 | 7,085 |
| 68 | Rowan | 521.5 | 23.5 | 2.5 | | | 758,793 | 33,300 | 3,540 | | | |
| 68 | Salisbury | 92 | 31 | 3 | 5 | | 133,862 | 43,928 | 4,247 | | | |
| 72 | Rutherford | 410 | 26 | 2.5 | 7 | | 596,558 | 36,843 | 3,540 | | 9,919 | |
| 72 | Sampson | 330 | 28 | 3 | 7 | | 480,157 | 39,677 | 4,247 | | 9,919 | |
| 72 | Clinton | 100 | 34.5 | 3.5 | 5.5 | | 145,502 | 48,887 | 4,955 | | 7,794 | |
| 74 | Scotland | 248 | 28.5 | 3 | 6.5 | | 360,845 | 40,385 | 4,247 | | 9,211 | |
| 70 | Stanly | 303.5 | 26.5 | 2.5 | 5.5 | | 441,599 | 37,550 | 3,540 | | 7,794 | |
| 70 | Albemarle | 64 | 32 | 3 | 4.5 | | 93,121 | 45,345 | 4,247 | | 6,376 | |
| 68 | Stokes | 249 | 24.5 | 2.5 | | 5.5 | 362,300 | 34,716 | 3,540 | | | 7,794 |
| 70 | Surry | 317.5 | 28.5 | 3 | 6.5 | | 461,969 | 40,385 | 4,247 | | 9,211 | |
| 70 | Elkin | 18.5 | 35 | 3.5 | 5 | | 26,918 | 49,596 | 4,955 | | 7,085 | |
| 70 | Mount Airy | 64.5 | 33.5 | 3 | 5 | | 93,849 | 47,470 | 4,247 | | 7,085 | |
| 72 | Swain | 68 | 38 | 3.5 | 7 | | 98,941 | 53,847 | 4,955 | | 9,919 | |
| 68 | Transylvania | 160.5 | 27.5 | 3 | 6.5 | | 233,531 | 38,968 | 4,247 | | 9,211 | |
| 74 | Tyrrell | 17.5 | 41.5 | 4 | 6.5 | | 25,463 | 58,806 | 5,663 | | 9,211 | |
| 70 | Union | 437.5 | 23 | 2.5 | 6.5 | | 636,571 | 32,591 | 3,540 | | 9,211 | |
| 70 | Monroe | 97 | 29 | 3 | 5 | | 141,137 | 41,094 | 4,247 | | 7,085 | |
| 74 | Vance | 284.5 | 31.5 | 3 | 6.5 | | 413,953 | 44,636 | 4,247 | | 9,211 | |
| 68 | Wake | 2,063 | 20 | 2 | | 7 | 3,001,706 | 28,340 | 2,833 | | | 9,919 |
| 74 | Warren | 124 | 36.5 | 3.5 | 7.5 | | 180,422 | 51,721 | 4,955 | | 10,628 | |
| 74 | Washington | 118.5 | 32 | 3.5 | 7 | | 172,420 | 45,345 | 4,955 | | 9,919 | |
| 68 | Watauga | 165 | 29.5 | 3 | 6 | | 240,078 | 41,802 | 4,247 | | 8,502 | |
| 70 | Wayne | 558 | 23.5 | 2.5 | 7.5 | | 811,901 | 33,299 | 3,540 | | 10,628 | |
| 70 | Goldsboro | 191 | 31 | 3 | 6.5 | | 277,909 | 43,927 | 4,247 | | 9,211 | |
| 72 | Wilkes | 434 | 27.5 | 3 | 6.5 | | 631,479 | 38,968 | 4,247 | | 9,211 | |
| 70 | Wilson | 521.5 | 26.5 | 2.5 | 6.5 | | 758,793 | 37,551 | 3,540 | | 9,211 | |
| 70 | Yadkin | 222.5 | 30 | 3 | 6.5 | | 323,742 | 42,510 | 4,247 | | 9,211 | |
| 74 | Yancey | 93 | 36 | 3.5 | 5.5 | | 135,317 | 51,012 | 4,955 | | 7,794 | |
| | TOTAL | 42,704 | 4,282 | 432 | 822.5 | 72.5 | 62,135,174 | 6,067,680 | 611,630 | | 1,165,499 | 102,734 |
| | | | | | | | | | | | | 29,651,586 |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1980-1981
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 24

| | S U B - P A R T 2 | | | | | | | | | | S U B - P A R T 4 | |
|------------|--------------------------|--------|--|--------------------------|-------|--|--------------------------|-------|--|--------|--------------------------|-------|
| | DISADVANTAGED | | | HANDICAPPED | | | WORK - STUDY | | | | SPECIAL DISADVANTAGED | |
| | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | | ESTIMATED FUNDS ALLOTTED | |
| | Federal/ State | Local | | Federal/ State | Local | | Federal/ State | Local | | | Federal/ State | Local |
| L E A | | | | | | | | | | | | |
| Alamance | 28,526 | 12,225 | | 14,263 | 6,113 | | 2,786 | 1,194 | | | | |
| Burlington | 24,959 | 10,697 | | 12,479 | 5,348 | | 2,562 | 1,098 | | | | |
| Alexander | 24,563 | 9,552 | | 12,281 | 4,776 | | 2,876 | 1,118 | | | | |
| Alleghany | 21,791 | 9,339 | | 10,896 | 4,670 | | 2,651 | 1,136 | | | | |
| Anson | 28,526 | 11,093 | | 14,263 | 5,547 | | 3,056 | 1,188 | | 11,717 | | 617 |
| Ashe | 25,750 | 11,036 | | 12,875 | 5,518 | | 2,921 | 1,252 | | | | |
| Avery | 30,110 | 10,579 | | 15,055 | 5,290 | | 3,415 | 1,200 | | 13,095 | | -0- |
| Beaufort | 26,942 | 11,547 | | 13,471 | 5,773 | | 2,696 | 1,155 | | | | |
| Washington | 24,959 | 10,697 | | 12,479 | 5,348 | | 2,562 | 1,098 | | | | |
| Bertie | 29,318 | 10,301 | | 14,659 | 5,150 | | 3,326 | 1,169 | | 12,751 | | -0- |
| Bladen | 29,714 | 10,440 | | 14,857 | 5,220 | | 3,101 | 1,090 | | 11,889 | | -0- |
| Brunswick | 27,338 | 12,865 | | 13,669 | 6,432 | | 3,101 | 1,459 | | 11,889 | | 2,098 |
| Buncombe | 26,542 | 12,490 | | 13,271 | 6,245 | | 2,651 | 1,248 | | | | |
| Asheville | 24,959 | 11,745 | | 12,479 | 5,872 | | 2,651 | 1,248 | | | | |
| Burke | 27,338 | 11,716 | | 13,669 | 5,858 | | 2,741 | 1,175 | | | | |
| Cabarrus | 27,734 | 11,886 | | 13,867 | 5,943 | | 2,516 | 1,078 | | | | |
| Concord | 22,187 | 9,509 | | 11,094 | 4,755 | | 2,516 | 1,078 | | | | |
| Kannapolis | 24,563 | 10,527 | | 12,281 | 5,263 | | 2,696 | 1,155 | | | | |
| Caldwell | 27,338 | 10,631 | | 13,669 | 5,316 | | 2,741 | 1,066 | | | | |
| Camden | 28,922 | 10,162 | | 14,461 | 5,081 | | 3,011 | 1,038 | | | | |
| Carteret | 28,526 | 12,225 | | 14,263 | 6,113 | | 2,966 | 1,271 | | | | |
| Caswell | 24,566 | 8,631 | | 12,283 | 4,316 | | 2,966 | 1,042 | | | | |
| Catawba | 25,751 | 12,118 | | 12,875 | 6,059 | | 2,382 | 1,121 | | | | |
| Hickory | 20,999 | 9,882 | | 10,500 | 4,941 | | 2,382 | 1,121 | | | | |
| Newton | 21,791 | 10,255 | | 10,896 | 5,128 | | 2,382 | 1,121 | | | | |
| Chatham | 26,150 | 11,207 | | 13,075 | 5,604 | | 2,786 | 1,194 | | 12,751 | | -0- |
| Cherokee | 29,318 | 10,301 | | 14,659 | 5,150 | | 3,326 | 1,169 | | | | |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1980-1981
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 24

| | S U B - P A R T 2 | | | | | | | | | | S U B - P A R T 4 | |
|----------------|--------------------------|--------|--|--------------------------|-------|--|--------------------------|-------|--|--------|--------------------------|-------|
| | DISADVANTAGED | | | HANDICAPPED | | | WORK - STUDY | | | | SPECIAL DISADVANTAGED | |
| | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | | ESTIMATED FUNDS ALLOTTED | |
| | Federal/ State | Local | | Federal/ State | Local | | Federal/ State | Local | | | Federal/ State | Local |
| L E A | | | | | | | | | | | | |
| Chowan | 24,167 | 9,398 | | 12,084 | 4,699 | | 2,921 | 1,136 | | | 12,406 | 653 |
| Clay | 32,486 | 12,633 | | 16,243 | 6,317 | | 3,236 | 1,258 | | | | |
| Cleveland | 26,942 | 10,477 | | 13,471 | 5,239 | | 2,516 | 978 | | | | |
| Kings Mountain | 22,187 | 8,628 | | 11,094 | 4,314 | | 2,516 | 978 | | | | |
| Shelby | 23,771 | 9,244 | | 11,886 | 4,622 | | 2,427 | 944 | | | | |
| Columbus | 29,714 | 10,440 | | 14,857 | 5,220 | | 3,101 | 1,090 | | 11,889 | -0- | |
| Whiteville | 24,167 | 8,491 | | 12,084 | 4,246 | | 2,921 | 1,026 | | | | |
| Craven | 26,150 | 10,169 | | 13,075 | 5,085 | | 2,787 | 1,084 | | | | |
| New Bern | 27,734 | 10,785 | | 13,867 | 5,393 | | 2,966 | 1,153 | | | | |
| Cumberland | 32,882 | 12,787 | | 16,441 | 6,394 | | 2,831 | 1,101 | | | | |
| Fayetteville | 28,526 | 11,093 | | 14,263 | 5,547 | | 2,696 | 1,048 | | | | |
| Currituck | 25,355 | 9,860 | | 12,677 | 4,930 | | 2,786 | 1,083 | | | | |
| Dare | 22,583 | 10,627 | | 11,292 | 5,314 | | 2,382 | 1,121 | | | | |
| Davidson | 25,355 | 10,866 | | 12,677 | 5,433 | | 2,427 | 1,040 | | | | |
| Lexington | 24,563 | 10,527 | | 12,281 | 5,263 | | 2,696 | 1,155 | | | | |
| Thomasville | 20,603 | 8,830 | | 10,302 | 4,415 | | 2,427 | 1,040 | | | | |
| Davie | 21,791 | 10,255 | | 10,896 | 5,128 | | 2,292 | 1,079 | | 12,750 | 671 | |
| Duplin | 34,866 | 13,559 | | 17,433 | 6,780 | | 3,326 | 1,293 | | | | |
| Durham County | 24,167 | 11,373 | | 12,083 | 5,686 | | 2,382 | 1,121 | | | | |
| Durham City | 22,187 | 10,441 | | 11,094 | 5,221 | | 2,606 | 1,226 | | | | |
| Edgecombe | 30,110 | 11,709 | | 15,055 | 5,855 | | 3,056 | 1,188 | | 11,717 | 617 | |
| Tarboro | 23,375 | 9,090 | | 11,688 | 4,545 | | 2,651 | 1,031 | | | | |
| Forsyth | 25,355 | 11,932 | | 12,677 | 5,966 | | 2,337 | 1,100 | | | | |
| Franklin | 30,506 | 10,718 | | 15,253 | 5,359 | | 3,280 | 1,152 | | 12,578 | -0- | |
| Franklinton | 24,167 | 8,491 | | 12,083 | 4,245 | | 2,921 | 1,026 | | | | |
| Gaston | 28,922 | 12,395 | | 14,461 | 6,198 | | 2,741 | 1,175 | | | | |
| Gates | 25,355 | 9,860 | | 12,677 | 4,930 | | 2,876 | 1,118 | | | | |
| Graham | 28,922 | 10,162 | | 14,461 | 5,081 | | 3,730 | 1,311 | | 14,301 | -0- | |
| Granville | 31,694 | 11,136 | | 15,847 | 5,568 | | 3,326 | 1,169 | | 12,751 | -0- | |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1980-1981
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 24

| | S U B - P A R T 2 | | | | | | | | | | S U B - P A R T 4 | |
|----------------|--------------------------|--------|--|--------------------------|-------|--|--------------------------|-------|--|--|--------------------------|-------|
| | DISADVANTAGED | | | HANDICAPPED | | | WORK - STUDY | | | | SPECIAL DISADVANTAGED | |
| | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | | ESTIMATED FUNDS ALLOTTED | |
| | Federal/ State | Local | | Federal/ State | Local | | Federal/ State | Local | | | Federal/ State | Local |
| L. F. A. | | | | | | | | | | | | |
| Greene | 28,922 | 11,247 | | 14,461 | 5,624 | | 3,370 | 1,311 | | | 12,923 | 680 |
| Guilford | 24,167 | 11,373 | | 12,083 | 5,686 | | 2,292 | 1,079 | | | | |
| Greensboro | 24,959 | 11,745 | | 12,479 | 5,872 | | 2,292 | 1,079 | | | | |
| High Point | 24,167 | 11,373 | | 12,083 | 5,686 | | 2,472 | 1,163 | | | | |
| Halifax | 29,714 | 10,440 | | 14,857 | 5,220 | | 3,191 | 1,121 | | | | |
| Roanoke Rapids | 24,959 | 8,769 | | 12,479 | 4,385 | | 2,651 | 931 | | | 12,234 | -0- |
| Weldon | 28,922 | 10,162 | | 14,461 | 5,081 | | 3,011 | 1,058 | | | | |
| Harnett | 28,922 | 10,162 | | 14,461 | 5,081 | | 2,921 | 1,026 | | | | |
| Haywood | 27,734 | 11,886 | | 13,867 | 5,943 | | 2,786 | 1,194 | | | | |
| Henderson | 25,751 | 12,118 | | 12,875 | 6,059 | | 2,651 | 1,248 | | | | |
| Hendersonville | 20,603 | 9,696 | | 10,302 | 4,848 | | 2,247 | 1,057 | | | | |
| Hertford | 31,694 | 12,325 | | 15,847 | 6,163 | | 3,056 | 1,188 | | | | |
| Hoke | 30,110 | 10,579 | | 15,055 | 5,290 | | 3,505 | 1,231 | | | 11,717 | 617 |
| Hyde | 29,714 | 11,555 | | 14,857 | 5,778 | | 3,011 | 1,171 | | | 13,440 | -0- |
| Iredell | 25,355 | 10,866 | | 12,677 | 5,433 | | 2,607 | 1,117 | | | | |
| Mooreville | 24,167 | 10,357 | | 12,083 | 5,178 | | 2,472 | 1,039 | | | | |
| Statesville | 20,999 | 9,000 | | 10,500 | 4,500 | | 2,292 | 982 | | | | |
| Jackson | 24,563 | 11,559 | | 12,281 | 5,779 | | 2,786 | 1,311 | | | | |
| Johnston | 30,110 | 10,579 | | 15,055 | 5,290 | | 2,966 | 1,042 | | | | |
| Jones | 24,167 | 9,398 | | 12,083 | 4,699 | | 2,831 | 1,101 | | | | |
| Lee/Sanford | 26,146 | 11,205 | | 13,073 | 5,603 | | 2,606 | 1,117 | | | | |
| Lenoir | 26,146 | 11,205 | | 13,073 | 5,603 | | 2,786 | 1,194 | | | | |
| Kinston | 24,167 | 10,357 | | 12,083 | 5,178 | | 2,831 | 1,213 | | | | |
| Lincoln | 25,751 | 10,014 | | 12,875 | 5,007 | | 2,651 | 1,031 | | | | |
| Macon | 23,375 | 11,000 | | 11,688 | 5,500 | | 2,472 | 1,163 | | | | |
| Madison | 25,355 | 8,909 | | 12,677 | 4,454 | | 3,056 | 1,074 | | | 11,717 | -0- |
| Martin | 28,526 | 13,424 | | 14,263 | 6,712 | | 2,966 | 1,396 | | | | |
| McDowell | 26,150 | 10,169 | | 13,075 | 5,085 | | 2,876 | 1,118 | | | | |
| Mecklenburg | 26,942 | 12,679 | | 13,471 | 6,339 | | 2,516 | 1,184 | | | | |
| Mitchell | 22,979 | 10,814 | | 11,490 | 5,407 | | 2,876 | 1,333 | | | | |

TABLE: 24

135

TABLE: 24

136

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1981-82
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 24

| | S U B - P A R T 2 | | | | | | S U B - P A R T 4 | |
|------------|--------------------------|--------|--|--------------------------|-------|-------|--------------------------|-------|
| | DISADVANTAGED | | | HANDICAPPED | | | WORK - STUDY | |
| | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | |
| | Federal/State | Local | | Federal/State | Local | | Federal/State | Local |
| IEA | | | | | | | | |
| Alamance | 22,124 | 9,482 | | 11,062 | 4,741 | 2,045 | 876 | |
| Burlington | 22,943 | 9,833 | | 11,471 | 4,916 | 1,909 | 818 | |
| Alexander | 25,810 | 9,068 | | 12,905 | 4,534 | 2,079 | 730 | |
| Alleghany | 27,448 | 11,763 | | 13,724 | 5,882 | 1,943 | 833 | |
| Anson | 26,629 | 10,356 | | 13,314 | 5,178 | 2,079 | 809 | |
| Ashe | 28,270 | 12,116 | | 14,135 | 6,058 | 2,216 | 950 | |
| Avery | 27,040 | 10,516 | | 13,520 | 5,258 | 2,182 | 849 | |
| Beaufort | 25,810 | 11,061 | | 12,905 | 5,531 | 2,011 | 862 | |
| Washington | 24,580 | 10,534 | | 12,290 | 5,267 | 1,704 | 730 | |
| Bertie | 30,315 | 10,651 | | 15,158 | 5,326 | 2,522 | 886 | -0- |
| Bladen | 26,829 | 9,356 | | 13,314 | 4,678 | 2,216 | 779 | |
| Brunswick | 22,943 | 10,797 | | 11,471 | 5,398 | 1,977 | 930 | |
| Buncombe | 21,305 | 10,026 | | 10,653 | 5,013 | 1,841 | 866 | |
| Asheville | 24,173 | 11,376 | | 12,086 | 5,688 | 2,011 | 946 | |
| Burke | 21,305 | 10,026 | | 10,653 | 5,013 | 2,045 | 962 | |
| Cabarrus | 21,305 | 9,131 | | 10,653 | 4,566 | 1,909 | 818 | |
| Concord | 26,221 | 11,238 | | 13,111 | 5,619 | 1,841 | 789 | |
| Kannapolis | 24,580 | 10,534 | | 12,290 | 5,267 | 2,045 | 876 | |
| Caldwell | 22,532 | 7,917 | | 11,266 | 3,958 | 2,147 | 754 | |
| Camden | 29,910 | 10,509 | | 14,954 | 5,254 | 2,079 | 730 | |
| Carteret | 26,221 | 11,238 | | 13,111 | 5,619 | 2,250 | 964 | |
| Caswell | 27,040 | 9,501 | | 13,520 | 4,750 | 2,182 | 767 | |
| Catawba | 20,075 | 9,447 | | 10,038 | 4,724 | 1,738 | 818 | |
| Hickory | 24,173 | 11,376 | | 12,086 | 5,688 | 1,875 | 882 | |
| Newton | 24,992 | 11,761 | | 12,496 | 5,880 | 1,807 | 850 | |
| Chatham | 23,762 | 11,182 | | 11,881 | 5,591 | 1,977 | 930 | -0- |
| Cherokee | 29,496 | 10,363 | | 14,748 | 5,182 | 2,318 | 814 | |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1981-82
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 24

| | S U B - P A R T 2 | | | | | | | | | | S U B - P A R T 4 | |
|----------------|--------------------------|--------|--|--------------------------|-------|--|--------------------------|-------|--|--------|--------------------------|-------|
| | DISADVANTAGED | | | HANDICAPPED | | | WORK - STUDY | | | | SPECIAL DISADVANTAGED | |
| | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | | ESTIMATED FUNDS ALLOTTED | |
| | Federal/State | Local | | Federal/State | Local | | Federal/State | Local | | | Federal/State | Local |
| LEA | | | | | | | | | | | | |
| Chowan | 28,678 | 11,153 | | 14,339 | 5,576 | | 1,977 | 769 | | | | |
| Clay | 31,138 | 12,109 | | 15,569 | 6,055 | | 2,182 | 849 | | | | |
| Cleveland | 21,305 | 8,285 | | 10,653 | 4,143 | | 1,841 | 716 | | | | |
| Kings Mountain | 25,403 | 9,879 | | 12,701 | 4,939 | | 1,909 | 742 | | | | |
| Shelby | 24,580 | 9,559 | | 12,290 | 4,779 | | 1,772 | 689 | | | | |
| Columbus | 27,859 | 9,788 | | 13,929 | 4,894 | | 2,318 | 814 | | 13,277 | | -0- |
| Whiteville | 28,678 | 10,076 | | 14,339 | 5,038 | | 2,114 | 743 | | | | |
| Craven | 25,403 | 10,887 | | 12,701 | 5,443 | | 2,182 | 935 | | | | |
| New Bern | 25,403 | 10,887 | | 12,701 | 5,443 | | 2,250 | 964 | | | | |
| Cumberland | 24,992 | 8,781 | | 12,496 | 4,390 | | 2,147 | 754 | | | | |
| Fayetteville | 23,762 | 8,349 | | 11,881 | 4,174 | | 1,977 | 695 | | | | |
| Currituck | 28,678 | 11,153 | | 14,339 | 5,576 | | 2,318 | 901 | | 13,277 | | 699 |
| Dare | 27,448 | 12,917 | | 13,724 | 6,458 | | 2,011 | 946 | | | | |
| Davidson | 21,305 | 9,131 | | 10,653 | 4,566 | | 1,841 | 789 | | | | |
| Lexington | 24,580 | 10,534 | | 12,290 | 5,267 | | 1,977 | 847 | | | | |
| Thomasville | 26,221 | 11,238 | | 13,111 | 5,619 | | 1,772 | 759 | | | | |
| Davie | 19,257 | 9,062 | | 9,628 | 4,531 | | 1,466 | 690 | | | | |
| Duplin | 26,629 | 10,356 | | 13,314 | 5,178 | | 2,216 | 862 | | | | |
| Durham County | 21,305 | 10,026 | | 10,653 | 5,013 | | 1,909 | 898 | | | | |
| Durham City | 21,713 | 10,218 | | 10,856 | 5,109 | | 2,079 | 978 | | | | |
| Edgecombe | 27,859 | 10,834 | | 13,929 | 5,417 | | 2,454 | 954 | | 14,057 | | 740 |
| Tarboro | 28,270 | 10,994 | | 14,135 | 5,497 | | 2,216 | 862 | | | | |
| Forsyth | 21,305 | 10,026 | | 10,653 | 5,013 | | 1,772 | 834 | | | | |
| Franklin | 29,496 | 10,363 | | 14,748 | 5,182 | | 2,318 | 814 | | 13,277 | | -0- |
| Franklinton | 28,678 | 10,076 | | 14,339 | 5,038 | | 1,977 | 695 | | | | |
| Gaston | 22,532 | 8,762 | | 11,266 | 4,381 | | 2,147 | 835 | | | | |
| Gates | 31,545 | 12,268 | | 15,773 | 6,134 | | 2,352 | 915 | | 13,472 | | 709 |
| Graham | 31,138 | 12,109 | | 15,569 | 6,055 | | 2,454 | 954 | | 14,057 | | 740 |
| Granville | 28,678 | 10,076 | | 14,339 | 5,038 | | 2,386 | 838 | | 13,667 | | -0- |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1981-82
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 24

| | S U B - P A R T 2 | | | | | | | | | | S U B - P A R T 4 | |
|----------------|--------------------------|--------|--|--------------------------|-------|--|--------------------------|-------|--|--|--------------------------|-------|
| | DISADVANTAGED | | | HANDICAPPED | | | WORK - STUDY | | | | SPECIAL DISADVANTAGED | |
| | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | | ESTIMATED FUNDS ALLOTTED | |
| | Federal/State | Local | | Federal/State | Local | | Federal/State | Local | | | Federal/State | Local |
| LEA | | | | | | | | | | | | |
| Greene | 30,319 | 11,791 | | 15,159 | 5,895 | | 2,522 | 981 | | | 14,448 | 760 |
| Guilford | 22,124 | 10,411 | | 11,062 | 5,206 | | 1,909 | 898 | | | | |
| Greensboro | 21,305 | 10,026 | | 10,653 | 5,013 | | 1,909 | 898 | | | | |
| High Point | 21,305 | 10,026 | | 10,653 | 5,013 | | 2,045 | 962 | | | | |
| Halifax | 30,319 | 10,653 | | 15,159 | 5,326 | | 2,590 | 910 | | | 14,838 | -0- |
| Roanoke Rapids | 29,496 | 10,363 | | 14,748 | 5,182 | | 2,114 | 743 | | | | |
| Weldon | 31,138 | 10,940 | | 15,569 | 5,470 | | 2,318 | 814 | | | 13,277 | -0- |
| Harnett | 25,810 | 9,068 | | 12,905 | 4,534 | | 2,216 | 779 | | | | |
| Waywood | 26,629 | 10,356 | | 13,314 | 5,178 | | 2,284 | 888 | | | 13,081 | 689 |
| Henderson | 24,173 | 10,360 | | 12,086 | 5,180 | | 2,011 | 862 | | | | |
| Hendersonville | 26,221 | 11,238 | | 13,111 | 5,619 | | 1,772 | 759 | | | | |
| Hertford | 28,270 | 10,994 | | 14,135 | 5,497 | | 2,284 | 888 | | | 13,081 | 689 |
| Hoke | 30,726 | 10,796 | | 15,363 | 5,398 | | 2,625 | 922 | | | 15,034 | -0- |
| Hyde | 29,908 | 12,818 | | 14,954 | 6,409 | | 2,011 | 862 | | | | |
| Iredell | 21,305 | 9,131 | | 10,653 | 4,566 | | 1,977 | 847 | | | | |
| Mooreville | 26,221 | 11,238 | | 13,111 | 5,619 | | 1,977 | 847 | | | | |
| Statesville | 24,580 | 10,534 | | 12,290 | 5,267 | | 1,909 | 818 | | | | |
| Jackson | 28,270 | 13,304 | | 14,135 | 6,652 | | 2,216 | 1,043 | | | | |
| Johnston | 24,992 | 9,719 | | 12,496 | 4,860 | | 2,079 | 809 | | | | |
| Jones | 29,908 | 11,631 | | 14,954 | 5,815 | | 2,147 | 835 | | | | |
| Lee/Sanford | 25,399 | 9,877 | | 12,700 | 4,939 | | 1,977 | 769 | | | | |
| Lenoir | 27,448 | 11,763 | | 13,724 | 5,882 | | 2,352 | 1,008 | | | 13,472 | 1,497 |
| Kinston | 27,040 | 11,589 | | 13,520 | 5,794 | | 2,182 | 935 | | | | |
| Lincoln | 24,992 | 9,719 | | 12,496 | 4,860 | | 2,079 | 809 | | | | |
| Macon | 27,040 | 12,725 | | 13,520 | 6,362 | | 1,977 | 930 | | | | |
| Madison | 28,270 | 9,933 | | 14,135 | 4,966 | | 2,147 | 754 | | | | |
| Martin | 28,678 | 12,291 | | 14,339 | 6,145 | | 2,318 | 993 | | | 13,277 | 1,475 |
| McDowell | 25,399 | 10,885 | | 12,700 | 5,443 | | 2,182 | 935 | | | | |
| Mocklenburg | 24,992 | 11,761 | | 12,496 | 5,880 | | 2,284 | 1,075 | | | | |
| Mitchell | 29,908 | 12,818 | | 14,954 | 6,409 | | 2,284 | 1,075 | | | | |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1981-82
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 24

| | S U B - P A R T 2 | | | | | | | | | | S U B - P A R T 4 | |
|-----------------|--------------------------|--------|---------------|-------|---------------|--------------------------|-------|---------------|-------|---------------|--------------------------|-------|
| | DISADVANTAGED | | | | | HANDICAPPED | | | | | SPECIAL DISADVANTAGED | |
| | ESTIMATED FUNDS ALLOTTED | | | | | ESTIMATED FUNDS ALLOTTED | | | | | ESTIMATED FUNDS ALLOTTED | |
| | Federal/State | Local | Federal/State | Local | Federal/State | Federal/State | Local | Federal/State | Local | Federal/State | Federal/State | Local |
| LEA | | | | | | | | | | | | |
| Montgomery | 24,580 | 9,559 | 12,290 | 4,779 | 1,909 | 1,909 | 742 | | | | | |
| Moore | 21,305 | 10,026 | 10,653 | 5,013 | 1,909 | 1,909 | 898 | | | | | |
| Nash | 23,762 | 10,184 | 11,881 | 5,092 | 2,114 | 2,114 | 906 | | | | | |
| Rocky Mount | 24,992 | 10,711 | 12,496 | 5,355 | 2,079 | 2,079 | 891 | | | | | |
| New Hanover | 22,124 | 10,411 | 11,062 | 5,206 | 1,977 | 1,977 | 930 | | | | | |
| Northampton | 29,089 | 10,220 | 14,544 | 5,110 | 2,284 | 2,284 | 802 | | | | | |
| Onslow | 24,992 | 11,761 | 12,496 | 5,880 | 2,079 | 2,079 | 978 | | | | | |
| Orange | 25,399 | 11,952 | 12,699 | 5,976 | 2,114 | 2,114 | 995 | | | | | |
| Chapel Hill | 22,943 | 10,797 | 11,471 | 5,398 | 1,704 | 1,704 | 802 | | | | | |
| Pamlico | 32,368 | 11,373 | 16,184 | 5,686 | 2,352 | 2,352 | 826 | | | | | |
| Pasquotank | 28,678 | 11,153 | 14,339 | 5,576 | 2,590 | 2,590 | 1,007 | | | 13,472 | -0- | |
| Pender | 27,040 | 10,516 | 13,520 | 5,258 | 2,114 | 2,114 | 822 | | | 14,838 | 781 | |
| Perquimans | 32,368 | 12,588 | 16,184 | 6,294 | 2,420 | 2,420 | 941 | | | 13,862 | 730 | |
| Person | 22,943 | 10,797 | 11,471 | 5,398 | 1,772 | 1,772 | 834 | | | | | |
| Pitt | 23,762 | 10,184 | 11,881 | 5,092 | 2,045 | 2,045 | 876 | | | | | |
| Greenville | 24,173 | 10,360 | 12,086 | 5,180 | 1,875 | 1,875 | 804 | | | | | |
| Polk | 26,221 | 12,339 | 13,111 | 6,170 | 1,841 | 1,841 | 866 | | | | | |
| Tryon | 26,221 | 12,339 | 13,111 | 6,170 | 1,704 | 1,704 | 802 | | | | | |
| Randolph | 21,305 | 9,131 | 10,653 | 4,566 | 2,045 | 2,045 | 876 | | | | | |
| Asheboro | 24,580 | 10,534 | 12,290 | 5,267 | 1,909 | 1,909 | 818 | | | | | |
| Richmond | 25,810 | 9,068 | 12,905 | 4,534 | 2,352 | 2,352 | 826 | | | 13,472 | -0- | |
| Robeson | 28,678 | 10,076 | 14,339 | 5,038 | 2,590 | 2,590 | 910 | | | 14,838 | -0- | |
| Fairmont | 32,368 | 11,373 | 16,184 | 5,686 | 2,625 | 2,625 | 922 | | | 15,034 | -0- | |
| Lamberton | 28,270 | 9,933 | 14,135 | 4,966 | 2,216 | 2,216 | 779 | | | | | |
| Red Springs | 31,138 | 10,940 | 15,569 | 5,470 | 2,250 | 2,250 | 791 | | | | | |
| St. Pauls | 31,138 | 10,940 | 15,569 | 5,470 | 2,318 | 2,318 | 814 | | | 13,277 | -0- | |
| Rockingham | 20,483 | 8,778 | 10,241 | 4,389 | 1,772 | 1,772 | 759 | | | | | |
| Eden | 23,762 | 10,184 | 11,881 | 5,092 | 1,772 | 1,772 | 759 | | | | | |
| Madison Mayodan | 23,762 | 10,184 | 11,881 | 5,092 | 1,636 | 1,636 | 701 | | | | | |

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1981-82
PREPARED ON LATEST AVAILABLE DATA
SECONDARY

TABLE: 24

| | S U B - P A R T 2 | | | | | | S U B - P A R T 4 | |
|--------------|--------------------------|-----------|--|--------------------------|---------|---------|--------------------------|--------|
| | DISADVANTAGED | | | HANDICAPPED | | | SPECIAL DISADVANTAGED | |
| | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | | | ESTIMATED FUNDS ALLOTTED | |
| | Federal/State | Local | | Federal/State | Local | | Federal/State | Local |
| ISA | | | | | | | | |
| Reidsville | 22,124 | 9,482 | | 11,062 | 4,741 | 1,772 | | 759 |
| Powam | 21,305 | 10,026 | | 10,653 | 5,013 | 1,909 | | 898 |
| Salisbury | 26,221 | 12,339 | | 13,111 | 6,170 | 1,909 | | 898 |
| Rutherford | 23,761 | 9,240 | | 11,881 | 4,820 | 2,250 | | 875 |
| Sampson | 25,399 | 9,877 | | 12,699 | 4,939 | 2,045 | | 795 |
| Clinton | 28,678 | 11,153 | | 14,339 | 5,576 | 1,977 | | 769 |
| Scotland | 25,399 | 8,924 | | 12,699 | 4,462 | 2,386 | 13,667 | |
| Stanly | 22,943 | 9,833 | | 11,471 | 4,916 | 1,909 | | 818 |
| Albemarle | 26,221 | 11,238 | | 13,111 | 5,619 | 2,114 | | 906 |
| Stokes | 21,713 | 10,218 | | 10,856 | 5,109 | 1,807 | | 850 |
| Surry | 25,399 | 10,885 | | 12,699 | 5,442 | 2,114 | | 906 |
| Elkin | 28,678 | 12,291 | | 14,339 | 6,145 | 1,909 | | 818 |
| Mount Airy | 27,859 | 11,940 | | 13,929 | 5,970 | 1,841 | | 789 |
| Swain | 32,364 | 12,586 | | 16,182 | 6,293 | 2,420 | 13,862 | 730 |
| Transylvania | 24,580 | 11,567 | | 12,290 | 5,784 | 1,841 | | 866 |
| Tyrrell | 34,824 | 12,235 | | 17,412 | 6,118 | 2,693 | 15,424 | -0- |
| Union | 21,305 | 9,131 | | 10,653 | 4,566 | 1,977 | | 847 |
| Monroe | 24,580 | 10,534 | | 12,290 | 5,267 | 2,045 | | 876 |
| Vance | 27,448 | 9,644 | | 13,724 | 4,822 | 2,216 | | 779 |
| Wake | 19,664 | 9,254 | | 9,832 | 4,627 | 1,772 | | 834 |
| Warren | 31,956 | 11,228 | | 15,978 | 5,614 | 2,386 | 13,667 | -0- |
| Washington | 28,270 | 9,933 | | 14,135 | 4,966 | 2,147 | | 838 |
| Watauga | 25,810 | 12,146 | | 12,905 | 6,073 | 1,875 | | 754 |
| Wayne | 22,532 | 9,657 | | 11,266 | 4,828 | 1,875 | | 882 |
| Goldsboro | 27,040 | 11,589 | | 13,520 | 5,794 | 1,909 | | 804 |
| Wilkes | 24,580 | 9,559 | | 12,290 | 4,779 | 2,250 | | 818 |
| Wilson | 23,761 | 10,183 | | 11,881 | 5,092 | 2,045 | | 875 |
| Yadkin | 26,221 | 11,238 | | 13,111 | 5,619 | 2,114 | | 876 |
| Yancey | 29,908 | 10,508 | | 14,954 | 5,254 | 2,147 | | 906 |
| TOTAL | 3,738,451 | 1,526,661 | | 1,869,225 | 763,325 | 300,000 | 388,730 | 10,239 |

TABLE: 25

SECONDARY ANALYSIS OF FUND DISTRIBUTION
AS APPLIED TO DISADVANTAGED FUNDS
FY 1981

| Factor | Less Needy | | More Needy | |
|--|--|--------------------------------|--------------------------------|---------------------------------|
| | Charlotte/Mecklenburg Factor Points | Orange County Factor Points | Duplin County Factor Points | Tyrrell County Factor Points |
| Concentration of Low Income Families | 18 | 18 | 24 | 27 |
| Relative Ability to Pay | 21 | 24 | 27 | 24 |
| Economically Depressed Areas A. Designated Area Reimbursement Rate | 3 | 0 | 6 | 6 |
| B. General Unemployment | 6 | 3 | 9 | 9 |
| New Programs | 4 | 0 | 10 | 0 |
| ADM | <u>16</u> | <u>8</u> | <u>12</u> | <u>4</u> |
| Total Points | 68 | 53 | 88 | 70 |
| % of Points to State Wide Points Applied to Federal Dollars | .7144 | .5568 | .9245 | .7354 |
| Disadvantaged Allotment (Federal/State) | \$26,942.00 | \$20,999.00 | \$34,866.00 | \$27,734.00 |
| Local Share (Range 26% to 32%) | 12,679.00 | 9,882.00 | 13,559.00 | 10,785.00 |
| Dollar Per ADM | 1.16 | 14.03 | 12.25 | 97.27 |
| Dollar Per Program | 776.88 | 1,187.73 | 2,105.43 | 4,814.85 |

TABLE: 25

SECONDARY ANALYSIS OF FUND DISTRIBUTION
AS APPLIED TO DISADVANTAGED FUNDS
FY 1982

| | Less Needy | | More Needy | |
|--|--|--------------------------------|------------------------------|---------------------------------|
| | Charlotte/Mecklenburg Factor Points | Orange County Factor Points | Hoke County Factor Points | Tyrrell County Factor Points |
| Concentration of Low Income Families | 18 | 18 | 24 | 27 |
| Relative Ability to Pay | 21 | 27 | 27 | 24 |
| Economically Depressed Areas A. Designated Area Reimbursement Rate | 3 | 0 | 6 | 9 |
| B. General Unemployment | 3 | 3 | 6 | 9 |
| New Programs | 12 | 2 | 0 | 0 |
| ADM | <u>4</u> | <u>12</u> | <u>12</u> | <u>16</u> |
| Total Points | 61 | 62 | 75 | 85 |
| % of Points to State Wide Points Applied to Federal Dollars | .6685 | .6794 | .8219 | .9315 |
| Disadvantaged Allotment (Federal/State) | \$21,314.00 | \$21,661.00 | \$26,204.00 | \$29,699.00 |
| Local Share (Range 26% to 32%) | 10,030.00 | 10,193.00 | 9,207.00 | 10,435.00 |
| Dollar Per ADM | .95 | 14.35 | 17.96 | 121.62 |
| Dollar Per Program | 569.89 | 1,327.25 | 1,475.46 | 5,111.75 |

SECONDARY ANALYSIS OF FUND DISTRIBUTION

AS APPLIED TO WORK-STUDY

FY 1981

TABLE: 26

| Factors | Less Needy | | More Needy | |
|--|--|--|---------------------------------|--|
| | Charlotte/Mecklenburg Factor Points | | Tyrrell County Factor Points | |
| Concentration of Low Income Families | 18 | | 27 | |
| Relative Ability to Pay | 21 | | 24 | |
| Economically Depressed Areas | | | | |
| A. Designated Area Reimbursement Rate | 3 | | 6 | |
| B. General Unemployment | 6 | | 9 | |
| Drop-Out | <u>8</u> | | <u>12</u> | |
| Total Points | 56 | | 78 | |
| % of Points to State Wide Points Applied to Federal Dollars | .6291 | | .8763 | |
| Work-Study Allotment (Federal) | \$2,516.00 | | \$3,505.00 | |
| Local Share (Range 26% to 32%) | 1,184.00 | | 1,363.00 | |

SECONDARY ANALYSIS OF FUND DISTRIBUTION
AS APPLIED TO WORK-STUDY
FY 1982

| Factors | Less Needy | More Needy |
|--|-------------------------------|--------------------------------|
| | Wayne County Factor Points | Bertie County Factor Points |
| Concentration of Low Income Families | 21 | 27 |
| Relative Ability to Pay | 24 | 24 |
| Economically Depressed Areas | | |
| A. Designated Area Reimbursement Rate | 3 | 3 |
| B. General Unemployment | 3 | 6 |
| Drop-Out | 4 | 12 |
| New Programs | 0 | 2 |
| Total Points | 55 | 74 |
| % of Points to State Wide Points Applied to Federal Dollars | .6249 | .8408 |
| Work-Study Allotment (Federal) | \$1,875.00 | \$2,522.00 |
| Local Share (Range 26% to 32%) | 804.00 | 886.00 |

TABLE: 27

POINTS EARNED THROUGH FORMULA
DISTRIBUTION FACTORS FY 1982

POST SECONDARY

| | | Relative Ability To Pay | Concen - Of Students | EDA | Gen Unemp | New Programs | Total | Percent To Total |
|----------------------|-----|-------------------------------|----------------------------|-----|--------------|-----------------|-------|------------------------|
| Anson TC | 010 | 35 | 27 | 2 | 6 | 2 | 72 | .0179 |
| Ashville-Buncombe TC | 030 | 37 | 22 | 2 | 5 | 0 | 66 | .0164 |
| Beaufort County CC | 040 | 32 | 21 | 2 | 5 | 2 | 62 | .0159 |
| Bladen TC | 050 | 38 | 31 | 2 | 8 | 3 | 82 | .0204 |
| Blue Ridge TC | 060 | 36 | 20 | 2 | 3 | 3 | 64 | .0159 |
| Brunswick TC | 065 | 15 | 37 | 2 | 10 | 12 | 76 | .0189 |
| Caldwell CC & TI | 070 | 38 | 18 | 2 | 5 | 2 | 65 | .0161 |
| Cape Fear TI | 090 | 34 | 15 | 2 | 6 | 2 | 59 | .0146 |
| Carteret TC | 110 | 36 | 17 | 2 | 9 | 0 | 64 | .0159 |
| Catawba Valley TC | 130 | 32 | 18 | 2 | 5 | 2 | 59 | .0146 |
| Central Carolina TC | 150 | 38 | 15 | 2 | 5 | 2 | 62 | .0154 |
| Central Piedmont CC | 170 | 30 | 42 | 2 | 4 | 0 | 78 | .0194 |
| Cleveland TC | 190 | 37 | 15 | 2 | 6 | 0 | 60 | .0154 |
| Coastal Carolina CC | 200 | 41 | 16 | 2 | 7 | 2 | 68 | .0169 |
| College of Albemarle | 210 | 40 | 15 | 2 | 6 | 0 | 63 | .0156 |
| Craven CC | 230 | 39 | 26 | 2 | 5 | 0 | 72 | .0179 |
| Davidson County CC | 250 | 36 | 16 | 2 | 4 | 0 | 58 | .0149 |
| Durham TI | 270 | 34 | 27 | 0 | 4 | 0 | 65 | .0161 |
| Edgecombe TC | 290 | 38 | 27 | 2 | 9 | 0 | 76 | .0189 |
| Fayetteville TI | 310 | 41 | 25 | 2 | 9 | 2 | 79 | .0196 |
| Forsyth TI | 330 | 32 | 17 | 2 | 4 | 0 | 65 | .0161 |
| Gaston College | 350 | 37 | 32 | 2 | 4 | 0 | 75 | .0186 |
| Guilford TI | 370 | 34 | 21 | 2 | 5 | 2 | 64 | .0159 |
| Halifax CC | 390 | 39 | 29 | 4 | 10 | 2 | 84 | .0209 |
| Haywood TC | 410 | 38 | 19 | 2 | 6 | 2 | 67 | .0166 |
| Isothermal CC | 440 | 37 | 24 | 2 | 5 | 0 | 68 | .0169 |
| James Sprunt TC | 460 | 36 | 24 | 2 | 6 | 0 | 68 | .0169 |
| Johnston TC | 470 | 37 | 18 | 2 | 6 | 0 | 63 | .0156 |
| Jenoir CC | 490 | 42 | 28 | 2 | 6 | 0 | 78 | .0194 |
| Martin CC | 510 | 32 | 24 | 2 | 8 | 2 | 68 | .0169 |
| Mayland TC | 520 | 35 | 27 | 2 | 7 | 0 | 71 | .0176 |
| McDowell TC | 530 | 34 | 30 | 2 | 7 | 2 | 73 | .0181 |
| McDowell TC | 530 | 34 | 30 | 2 | 5 | 2 | 65 | .0161 |
| Mitchell CC | 540 | 35 | 21 | 2 | 5 | 2 | 65 | .0161 |
| Montgomery TI | 550 | 36 | 28 | 0 | 4 | 0 | 68 | .0169 |
| Nash TI | 570 | 36 | 19 | 2 | 6 | 4 | 67 | .0166 |
| Pamlico TC | 590 | 41 | 34 | 4 | 6 | 0 | 85 | .0211 |
| Piedmont TC | 610 | 29 | 20 | 2 | 11 | 2 | 62 | .0154 |
| Pitt CC | 630 | 37 | 24 | 2 | 6 | 2 | 71 | .0176 |
| Randolph TC | 650 | 36 | 16 | 2 | 4 | 2 | 60 | .0159 |
| Richmond TC | 670 | 40 | 18 | 2 | 7 | 2 | 69 | .0171 |
| Roanoke-Chowan TI | 690 | 37 | 21 | 2 | 9 | 0 | 69 | .0171 |
| Robeson TC | 710 | 41 | 25 | 4 | 12 | 4 | 86 | .0214 |
| Rockingham CC | 730 | 33 | 18 | 0 | 7 | 3 | 61 | .0151 |
| Rowan TC | 750 | 36 | 19 | 2 | 3 | 2 | 62 | .0154 |
| Sampson TC | 770 | 36 | 40 | 2 | 5 | 0 | 83 | .0206 |
| Sandhills CC | 790 | 31 | 22 | 0 | 5 | 2 | 60 | .0149 |
| Southeastern CC | 810 | 41 | 21 | 2 | 9 | 3 | 76 | .0189 |
| Southwestern TC | 820 | 35 | 28 | 2 | 5 | 2 | 72 | .0179 |
| Stanly TC | 825 | 35 | 16 | 2 | 4 | 5 | 62 | .0154 |
| Surry CC | 830 | 36 | 16 | 2 | 8 | 0 | 62 | .0154 |
| TC of Alamance | 850 | 36 | 17 | 2 | 6 | 2 | 63 | .0156 |
| Tri-County CC | 870 | 38 | 36 | 2 | 10 | 5 | 91 | .0226 |
| Vance-Granville CC | 880 | 39 | 24 | 2 | 8 | 2 | 75 | .0186 |
| Wake TC | 890 | 34 | 33 | 0 | 3 | 2 | 72 | .0179 |
| Wayne CC | 930 | 36 | 29 | 2 | 7 | 0 | 74 | .0184 |
| Western Piedmont CC | 950 | 33 | 28 | 2 | 6 | 3 | 72 | .0179 |
| Wilkes CC | 970 | 39 | 18 | 2 | 4 | 2 | 65 | .0161 |
| Wilson County TI | 990 | 35 | 26 | 2 | 9 | 0 | 72 | .0179 |
| TOTAL | | | | | | | 4018 | 1.0000 |

TABLE: 28

ESTIMATE OF ALLOTMENT OF FEDERAL AND REQUIRED
MATCHING FUNDS BY PURPOSE POST SECONDARY - FY 1982

| | | Disad- vantage | Handi- capped | Subpart 2 | Subpart 3 | Subpart 4 | Total | Federal Percent Funds |
|-----------------------|-----|-------------------|------------------|--------------|--------------|--------------|------------|-----------------------------|
| Anson TC | 010 | 47,604 | 23,896 | 107,542 | 35,800 | 4,003 | 218,845 | 48 |
| Asheville-Buncombe TC | 030 | 43,614 | 21,893 | 98,530 | 32,800 | | 196,837 | 52 |
| Beaufort County CC | 040 | 42,285 | 21,226 | 95,526 | 31,800 | 3,459 | 194,296 | 45 |
| Bladen TC | 050 | 54,252 | 27,233 | 122,562 | 40,800 | 4,566 | 249,413 | 52 |
| Blue Ridge TC | 060 | 42,285 | 21,226 | 95,526 | 31,800 | 3,556 | 194,393 | 50 |
| Brunswick TC | 065 | 50,263 | 25,231 | 113,550 | 37,800 | 4,237 | 231,081 | 45 |
| Caldwell CC & TI | 070 | 42,817 | 21,493 | 96,727 | 32,200 | 3,615 | 196,852 | 52 |
| Cape Fear TI | 090 | 38,827 | 19,491 | 87,716 | 29,200 | 3,381 | 178,615 | 48 |
| Carteret TC | 110 | 42,285 | 21,226 | 95,526 | 31,800 | 3,556 | 194,393 | 50 |
| Catawba Valley TC | 130 | 38,827 | 19,491 | 87,716 | 29,200 | | 175,234 | 45 |
| Central Carolina TC | 150 | 40,955 | 20,558 | 92,522 | 30,800 | 3,459 | 188,294 | 52 |
| Central Piedmont CC | 170 | 51,593 | 25,898 | 116,554 | 38,800 | 4,334 | 237,179 | 55 |
| Cleveland TC | 190 | 40,954 | 20,558 | 92,522 | 30,800 | 3,440 | 188,274 | 52 |
| Coastal Carolina CC | 200 | 44,944 | 22,561 | 101,534 | 33,800 | 3,790 | 206,629 | 45 |
| College of Albemarle | 210 | 41,487 | 20,825 | 93,724 | 31,200 | 3,498 | 190,734 | 55 |
| Craven CC | 230 | 47,604 | 23,896 | 107,542 | 35,800 | 4,003 | 218,845 | 55 |
| Davidson County CC | 250 | 39,624 | 19,891 | 89,518 | 29,800 | | 178,833 | 50 |
| Durham TI | 270 | 42,817 | 21,493 | 96,727 | 32,200 | 3,615 | 196,852 | 48 |
| Edgecombe TC | 290 | 50,262 | 25,231 | 113,550 | 37,800 | 4,237 | 231,080 | 52 |
| Fayetteville TI | 310 | 52,125 | 26,165 | 117,755 | 39,200 | 4,392 | 239,637 | 55 |
| Forsyth TI | 330 | 42,817 | 21,493 | 96,728 | 32,200 | | 193,238 | 45 |
| Gaston College | 350 | 49,465 | 24,830 | 111,747 | 37,200 | 4,178 | 227,420 | 52 |
| Guilford TI | 370 | 42,285 | 21,226 | 95,526 | 31,800 | | 190,837 | 48 |
| Halifax CC | 390 | 55,582 | 27,901 | 125,566 | 41,800 | 4,684 | 255,533 | 55 |
| Haywood TC | 410 | 44,146 | 22,160 | 99,731 | 33,200 | 3,731 | 202,968 | 52 |
| Isothermal CC | 440 | 44,944 | 22,561 | 101,534 | 33,800 | 3,790 | 206,629 | 50 |
| James Sprunt TC | 460 | 44,944 | 22,561 | 101,534 | 33,800 | 3,790 | 206,629 | 50 |
| Johnston TC | 470 | 41,487 | 20,825 | 93,724 | 31,200 | 3,498 | 190,734 | 50 |
| Lenoir CC | 490 | 51,593 | 25,898 | 116,554 | 38,800 | 4,334 | 237,179 | 55 |
| Martin CC | 510 | 44,944 | 22,561 | 101,534 | 33,800 | 3,790 | 206,629 | 45 |
| Mayland TC | 520 | 46,806 | 23,495 | 105,739 | 25,200 | 3,945 | 215,185 | 48 |
| McDowell TC | 530 | 48,135 | 24,163 | 108,743 | 26,200 | 4,062 | 221,303 | 48 |
| Mitchell CC | 540 | 42,817 | 21,493 | 96,728 | 32,200 | 3,615 | 196,853 | 48 |
| Montgomery TI | 550 | 44,944 | 22,561 | 101,534 | 33,800 | | 202,839 | 48 |
| Nash TI | 570 | 44,146 | 22,160 | 99,731 | 33,200 | 3,731 | 202,968 | 50 |
| Pamlico TC | 590 | 56,114 | 28,168 | 126,767 | 42,200 | 4,742 | 257,991 | 55 |
| Piedmont TC | 610 | 40,955 | 20,558 | 92,522 | 30,800 | 3,459 | 188,294 | 45 |
| Pitt CC | 630 | 46,806 | 23,495 | 105,739 | 35,200 | 3,945 | 215,185 | 52 |
| Randolph TC | 650 | 42,285 | 21,226 | 95,526 | 31,800 | 3,440 | 194,277 | 50 |
| Richmond TC | 670 | 45,476 | 22,828 | 102,735 | 34,200 | 3,848 | 209,087 | 55 |
| Roanoke-Chowan TI | 690 | 45,476 | 22,828 | 102,735 | 34,200 | 3,848 | 209,087 | 52 |
| Robeson TC | 710 | 56,911 | 28,568 | 128,570 | 42,800 | 4,781 | 261,630 | 55 |
| Rockingham CC | 730 | 40,157 | 20,158 | 90,720 | 30,200 | 3,401 | 184,636 | 45 |
| Rowan TC | 750 | 40,955 | 20,558 | 92,522 | 30,800 | 3,459 | 188,294 | 48 |
| Sampson TC | 770 | 54,784 | 27,500 | 123,763 | 41,200 | | 247,247 | 50 |
| Sandhills CC | 790 | 39,625 | 19,891 | 89,518 | 29,800 | 3,440 | 182,274 | 45 |
| Southeastern CC | 810 | 50,263 | 25,231 | 113,550 | 37,800 | 4,237 | 231,081 | 55 |
| Southwestern TC | 820 | 47,604 | 23,896 | 107,542 | 35,800 | 4,003 | 218,845 | 48 |
| Stanly TC | 825 | 40,955 | 20,558 | 92,522 | 30,800 | 3,459 | 188,294 | 48 |
| Surry CC | 830 | 40,955 | 20,558 | 92,522 | 30,800 | 3,459 | 188,294 | 50 |
| TC of Alamance | 850 | 41,487 | 20,825 | 93,724 | 31,200 | 3,498 | 190,734 | 50 |
| Tri-County CC | 870 | 60,103 | 30,170 | 135,719 | 45,200 | 5,111 | 276,363 | 52 |
| Vance-Granville CC | 880 | 49,465 | 24,830 | 111,747 | 37,200 | 4,178 | 227,420 | 55 |
| Wake TC | 890 | 47,604 | 23,896 | 107,542 | 35,800 | | 214,842 | 45 |
| Wayne CC | 930 | 48,933 | 24,563 | 110,546 | 36,800 | 4,119 | 224,961 | 50 |
| Western Piedmont CC | 950 | 47,604 | 23,896 | 107,542 | 35,800 | 4,003 | 218,845 | 45 |
| Wilkes CC | 970 | 42,816 | 21,493 | 96,727 | 32,200 | 3,614 | 196,850 | 52 |
| Wilson County TI | 990 | 47,604 | 23,896 | 107,542 | 35,800 | 4,003 | 218,845 | 48 |
| TOTAL | | 2,659,416 | 1,334,960 | 6,007,924 | 2,000,000 | 194,336 | 12,196,636 | |

TABLE: 29
 LEVEL: Post-secondary
 POINTS EARNED THROUGH FORMULA DISTRIBUTION FACTORS
 AND AN ANALYSIS OF ESTIMATED ALLOTMENTS FOR SELECTED INSTITUTIONS
 FY 1982

| Factors | Lowest Total Points | Number of Students Served | | Highest Total Points |
|-------------------------------------|--------------------------------------|-------------------------------------|---|------------------------------------|
| | | Lowest | Highest | |
| Relative Ability to Pay | 36 | 34 | 30 | 38 |
| Concentration of Number of Students | 16 | 15 | 42 | 36 |
| Economic Depressed Areas | | | | |
| EDA Counties | 2 | 2 | 2 | 2 |
| General Unemployment | 4 | 6 | 4 | 10 |
| New Programs | 0 | 2 | 0 | 5 |
| Total Points | 58 | 59 | 78 | 91 |
| Total Allotment | \$178,833 | \$178,615 | \$237,179 | \$276,363 |
| Number of High Cost Students Served | 313 | 393 | 11,744 | 827 |
| Average Allotment per Student | \$571.35 | \$454.49 | \$20.20 | \$334.18 |
| Number of Programs Offered | 23 | 23 | 59 | 18 |
| Average Allotment per Program | \$7775.35 | \$7765.87 | \$4019.98 | \$15,353.50 |
| Institution | Davidson Co. Community College | Cape Fear Technical Institute | Central Piedmont Community College | Tri-County Community College |

RESULTS OF COORDINATION OF VOCATIONAL EDUCATION
PROGRAMS WITH EMPLOYMENT AND TRAINING PROGRAMS

1. A position of coordinator has been established in each Department of Public Instruction and Department of Community Colleges. The offices function in liaison capacity between vocational/technical education and employment training programs.
2. A representative of the State Employment and Training Council sits on Vocational Education State Plan Committee.
3. Local plans, applications, and accountability reports require assurances that local plans were made in consultation with prime sponsors in local areas. Community action groups receiving CETA funds will require planning involving local school personnel.
4. Vocational/Technical Education State staff coordinate regularly with staff of State Employment and Training Council through established committees and special meetings.
5. Representatives of the State Employment and Training Council and the State Board sit on State Occupational Information Coordinating Committee (SOICC).
6. \$2,000,000 of CETA funds awarded to support the secondary extended day program.
7. A joint meeting was held on May 3, 1978 between the North Carolina Employment and Training Council and the State Board of Education. At this meeting a joint resolution was passed, agreeing to continue and expand cooperation and to encourage their staffs to review policy and program issues and develop recommendations leading toward the goal of a comprehensive program of education and employment training for North Carolina.
8. Staff members of the Department of Public Instruction and the Department of Community Colleges serve as members of the Title IV CETA Committee. The State Director of Vocational Education is the chairperson of the committee.
9. Sixteen local education agencies received allocations of \$49,093 each to conduct an education work experience program for disadvantage youth beginning with the second semester of the 1978-79 school year. The program was continued for 1979-80 and has been continued for October 1980 - September 30, 1981 with nine new local education agencies added during the summer of 1980. Each of the twenty-five local education agencies are receiving \$84,323 (\$2,108,075 total). The program will operate through the regular school year and the summer and will have an early start up in the fall of 1981. It will involve a minimum of 375 students. The major thrust is to provide students an opportunity to earn while they learn. Evaluation of results is an important component of the project. A half-time program specialist (evaluator) and a half-time secretary are employed to coordinate evaluation of the project. Workshops have been held for the participating schools. Workshop participants included local directors, teachers, and state staff. The project is limited to CETA Balance of State units.

(FY 1982 cont.)

10. Nine local education agencies each received allocations of \$23,232 to conduct a vocational education exploratory experienced program for disadvantaged youth during the summer of 1980. There were 153 students involved in the program for 7 weeks during the summer.
11. A CETA funded linkage project involving a secondary school system, a postsecondary institution and the business community is currently being conducted. The results are being disseminated to other local education agencies and postsecondary institutions. Counseling and job placement services were provided for 440 disadvantaged youth during the 1979-80 school year.
12. A CETA funded staff development project for teachers/counselors of disadvantaged students was conducted during the summer of 1980. The project involved 255 teachers/counselors at the secondary and postsecondary levels.
13. The following number of students were served under the 6% vocational education CETA funds:
 - Individual referrals
 - In cooperation with 9 prime sponsors - 1320 students
 - In cooperation with balance of state prime sponsor - 1452 students
 - Class size training programs
 - In cooperation with 7 prime sponsors - 302 students
 - In cooperation with balance of state - 1145 students
 - Orientation and motivational training
 - In cooperation with 3 prime sponsors and balance of state - 960 students
 - Job development and placement - 296 students.
14. It has been requested of the Governor that the State Board of Community Colleges be designated to administer the 6% vocational education CETA funds.

ACTIVITIES OF SEX EQUITY PERSONNEL

Secondary

- I. The North Carolina State Board of Education believes in the provision of vocational education programs which enhance the equal opportunity of female and male students to enter and participate. Based on this belief, and the 1976 Vocational Education Amendments, the following section is devoted to setting forth responsibilities at the State and local level for eliminating sex bias, stereotyping, and discrimination.

STATE LEVEL RESPONSIBILITIES

1. Provide expertise on the issue and how it relates to curriculum, job placement, orientation procedures, and in-service to LEAs, SACVE, interested individuals, etc.
2. Gather and analyze data on the makeup of faculty and classes by sex and provide this data and other pertinent information dealing with the issue of sex equity to local educational agencies, and other interested groups and individuals.
3. Provide incentives for the development of model programs which address sex equity and programs which encourage enrollment of both women and men in nontraditional courses of study.
4. Provide expertise to LEAs about pertinent Title IX information including the Title IX complaint process.

LOCAL LEVEL RESPONSIBILITIES

1. Adopt policies which will speak to the elimination of sex discrimination in the hiring, firing, and promotion of personnel and in the selection of students for vocational courses.
2. Set forth a list of strategies that can be employed in the LEA to:
 - a. make students and teachers aware of sex bias
 - b. orient students to vocational courses in a sex-affirmative manner
 - c. integrate sex equity activities into regular curricular offerings where appropriate
 - d. provide follow-up to students who have been trained in a nontraditional area
 - e. help vocational student organizations understand what can be done to help in orienting students about different vocational programs and supporting students who have gone into nontraditional occupations.
3. Help create awareness of the Title IX compliance procedures including the complaint process, the self-evaluation, and the appointment of a Title IX coordinator.

ACTIVITIES OF SEX EQUITY PERSONNEL

II. This section is a description of the past year's activities. They are keyed to the ten functions as set forth in section 104.75.

FUNCTION A - Take action necessary to create awareness of programs and activities in vocational education designed to reduce sex bias and sex stereotyping in all vocational education programs, including assisting the State Board in publicizing the public hearing on the State Plan in accordance with 104.165(a).

Strategies Used to Accomplish Function

1. Sponsored summer training institute. The purpose of the institute was to train LEA personnel to conduct in-service sessions on sex bias in public education in their own school systems.
2. Made presentations at Vocational Education Summer Conference. These presentations ranged from curriculum input to awareness sessions about the subject of sex equity.
3. Met with local directors of vocational education. Discussions were held on enrollment by sex in their different courses, their Local Plans to Promote Sex Equity, their registrations procedures, the materials used in courses, Title IX requirements, etc.
4. sponsored a teacher education conference. The purpose of this conference was to create awareness of sex bias, to compare what each institution is doing to promote sex equity, and to encourage progress toward sex fair curricula and awareness of the entire faculty.
5. Held various workshops across the state. In the general role of a resource person on sex equity, LEAs frequently called for help in providing workshops on the use of biased materials, how to recruit nontraditional students, etc.
6. Continually provided staff development at the SEA level. Through staff assessments, much work has been done to try to keep sex equity before the eyes of the state staff.
7. Ensured that LEAs will address equal access area in their plans for guidance. Efforts have been made to ensure that LEAs will address the equal access area in developing their plans for guidance by working with the Division of Pupil Personnel and their master plan for guidance.
8. Assured that women's groups were on the mailing list for public hearings for the State Plan.

9. Activities were coordinated with the selection and monitoring process of the Civil Rights review.

FUNCTION B - Gather, analyze, and disseminate data on the status of men and women students and employees in vocational education programs of the state.

Strategies Used to Accomplish Function

1. Produced status report. This report is an analysis of the male/female enrollment in vocational courses over a five year period and by region. The male/female employment makeup for vocational employees is also included.
2. Disseminated status report. This report was sent to state staff, NACVE, the Commissioner of Education, Sex Equity Coordinator, Council on the Status of Women, teachers, teacher educators, superintendents, and local vocational education directors.
3. Gathered information from the initial selection, desk audits, and on site reviews of the civil rights guidelines.

FUNCTION C - Develop and support actions to correct problems brought to the attention of this personnel through activities carried out under paragraph (b) and carried out under 104.76, including creating awareness of the Title IX complaint process.

Strategies Used to Accomplish Function

1. Made presentations emphasizing the "model LEA" section of the Annual Status Report. These presentations were made to teachers, local vocational administrators, State Advisory Council on Education members, etc. The recommendations included continued in-service, curriculum infusion, support systems, orientation systems, and affirmative action.
2. Offered technical assistance through civil rights reviews.

FUNCTION D - Review the distribution of grants and contracts by the State Board to assure that the interests and needs of women are addressed in all projects assisted under this act.

Strategies Used to Accomplish Function

1. Reviewed local applications for sex equity. Through meetings with local directors, the suggested format for the Local Plan to Promote Sex Equity was discussed. When local applications were received by the Division of Vocational Education in May, they were reviewed for sex equity.
2. Technical assistance in writing a plan to promote sex equity was given.

FUNCTION E - Review all vocational education programs (including work-study programs, cooperative vocational education programs, apprenticeship programs, and the placement of students who have successfully completed vocational education programs) in the state for sex bias.

Strategies Used to Accomplish Function

1. Produced a status report. This report contained a special section on work-study, cooperative apprenticeship, and placement of vocational students.
2. Continually in-serviced state staff on sex equity. Through individual program area and division-wide meetings, the state staff was continually in-serviced on sex equity. They, in turn, reviewed individual vocational programs for sex bias during their on-site visits and reviews.
3. Monitored the program review materials to ensure that sex equity was addressed.
4. Discussed with local directors their plans to promote sex equity. When meeting with local directors, specifics concerning their plan to promote sex equity were discussed.

FUNCTION F - Monitor the implementation of laws prohibiting sex discrimination in all hiring, firing, and promotion procedures within the state relating to vocational education.

Strategies Used to Accomplish Function

1. Reviewed the agency affirmative action plan. Recommendations were made as to how the plan could be improved or better implemented.
2. Monitored program review activities. The program review activities were monitored especially the supportive services element dealing with reviewing LEA hiring, firing, and promotion procedures.
3. Produced Annual Status Report. An Annual Status Report was produced in which the hiring patterns for teachers, local directors, and state staff were examined.
4. Examined staffing patterns of LEAs through information gathered from civil rights guidelines.

FUNCTION G - Assist local educational agencies and other interested parties in the state in improving vocational education opportunities for women.

Strategies Used to Accomplish Function

1. Sponsored summer training institute. Refer to A-1.
2. Held various workshops around state. Refer to A-5.
3. Sponsored teacher education conference. Refer to A-4.

FUNCTION H - Make available to the State Board, the State Advisory Council, the National Advisory Council on Vocational Education, the State Commission on the Status of Women, the Commissioner, and the general public, including individuals and organizations in the state concerned about sex bias in vocational education, information developed under this section.

Strategies Used to Accomplished Function

1. Produced Annual Status Report and made it available to:

State Board
State Advisory Council
National Advisory Council
Council on the Status of Women
Commissioner of Education
General Public

FUNCTION I - Review the self-evaluations required by Title IX.

Strategies Used to Accomplish Function

1. Through review efforts of the civil rights guidelines Title IX self-evaluations from LEAs were examined.
2. Reviewed and provided technical assistance through regional meetings and workshops about how a Title IX self-evaluation is conducted and documented.
3. Documented Division efforts to eliminate sex and race discrimination through the Annual Status Report.
4. Reviewed agency Title IX self-evaluation.

FUNCTION J - Review and submit recommendations with respect to overcoming sex bias and sex stereotyping in vocational education programs for the Five-Year State Plan and its annual program plan prior to their submission to the Commissioner for approval.

Strategies Used to Accomplish Function

1. Met with Vocational Education State Plan Committee. The State plan was analyzed with the help of women's groups to determine if all appropriate sex equity areas were being met.
2. Made recommendations concerning changes in State Plan during its development.
3. Met with women's groups concerning needs for State Plan.

(FY 1982)

ACTIVITIES OF SEX EQUITY PERSONNEL

Post-Secondary

- I. Section 104.187(a)(1) of the Rules and Regulations requires that the State Plan set forth a detailed description of actions taken to overcome sex discrimination and sex stereotyping in all State and local vocational education programs.

The following is a listing of the responsibilities at the State and local levels for eliminating sex bias, discrimination and stereotyping.

State Level Responsibilities

1. Respond to institutional needs in promoting sex equity.
2. Provide consultation and advice for expanding educational opportunities for men and women in nontraditional education.
3. Analyze and disseminate data and other pertinent information dealing with the issue of sex equity.
4. Advise on the development of model programs and assist in inservice training.

Local Level Responsibilities

1. Institutions will adopt policies which will be directed toward the elimination of sex discrimination in the hiring, firing, and promotion of personnel and in the admission of students to vocational and technical programs.
2. Develop strategies which can be used to:
 - a. make students and teachers aware of sex bias;
 - b. orient students to vocational courses in a sex-affirmative manner;
 - c. integrate sex equity activities into regular curricular offering where appropriate;
 - d. provide follow-up studies on students who have trained in a nontraditional area;
 - e. help vocational student organizations understand what can be done to help in orienting students about different vocational programs and supporting students who have gone into nontraditional occupations.

- II. This section is a description of the past year's activities. They are keyed to the ten functions as set forth in section 104.75.

FUNCTION (A): Take such action as may be necessary to create awareness of programs and activities in vocational education that are designed to reduce sex stereotyping in all vocational education programs.

Strategies Used to Accomplish Function

1. Disseminated a sex equity newsletter three times annually featuring articles on the changing roles of men and women, sex equity programs in the North Carolina Community College System, federal policy and rulemaking, and any other timely news.
2. Began proposal for launching a public media campaign featuring success stories of men and women in North Carolina public education who successfully completed a nontraditional program.

FUNCTION (B): Gathering, analyzing, and disseminating data on the status of men and women, students and employees in the vocational education programs of that state.

Strategies Used to Accomplish Function

Supervised the collection, analysis, and dissemination of data for the annual report, "Participation by Minorities and Women in the North Carolina Community College System - 1970-79." The report is concerned, among other things, with enrollment of women and men in nontraditional programs, with hiring, promotion, and termination patterns of minorities and women in employment, and with participation of minorities and women on governing boards.

FUNCTION (C): Assist in the development of programs and actions necessary to correct problems brought to the attention of the State Board through activities carried out under Function B and 104.75, including creating awareness of Title IX complaint process.

Strategies Used to Accomplish Function

1. Appointed planning committee to design a systemwide conference addressing needs to implement sex equity strategies for community college participants.
2. Designed and wrote a Title IX compliance checklist for institutions' use.

FUNCTION (D): Assist in the review of grants made by the State Board to assure that the interest and needs of women are addressed in all projects assisted under the act.

Strategies Used to Accomplish Function

1. Reviewed institutions' applications for vocational education money for commitments to sex equity.
2. Reviewed all research contracts from the Office of Program improvement and made recommendations to include sex-fair practices.

FUNCTION (E): Reviewed all vocational education programs in the State for sex bias.

Strategies Used to Accomplish Function

1. Review all programs in state for sex bias.
2. Reviewed all program areas (i.e. agriculture, distributive education, etc.) for sex bias in report mentioned in Function B.
3. Reviewed all programs at specific institutions as part of desk audit for MOA.

FUNCTION (F): Monitor the implementation of laws prohibiting sex discrimination in all hiring, firing, and promotion procedures within the State relating to vocational education.

Strategies Used to Accomplish Function

1. Answered questions of institutional representatives regarding sex equity laws;
2. Reviewed sex equity literature and federal publications for news of policy and rulemaking and disseminated news to institutions.

FUNCTION (G): Assist local educational agencies and other interested parties in the State in improving vocational education opportunities for women.

Strategies Used to Accomplish Function

1. Assisted institutions in a variety of ways, including workshop planning and presentation, development of model program, dissemination of information.

2. Served as resource person to NCSU project director in connection with the grant, "A Model to Increase Nontraditional Enrollment in the 58 Community Colleges of North Carolina."
3. Continued operation of a clearinghouse of materials offered as a loan service to institutions and other interested parties.

FUNCTION (H): Make available to the State Board, the State Advisory Council, the National Advisory Council on Vocational Education, the State Council on the Status of Women, the Commissioner, and the general public, information developed under this section.

Strategies Used to Accomplish Function

1. The second annual edition of "Participation by Minorities in the North Carolina Community College System" was distributed to all of the above (as was the first edition).
2. Contact with the North Carolina Council on the Status of Women was maintained, and their participation was invited in special projects of the sex equity office.

FUNCTION (I): No longer applicable

FUNCTION (J): Review and submit recommendations with respect to overcoming sex bias and sex stereotyping in vocational education programs for the five-year State Plan and its annual program plan prior to their submission to the Commissioner for approval.

Strategies Used to Accomplish Function

1. Met with the Vocational Education State Planning Committee during the development of the State Plan.
2. Signed-off on annual State Plan for Vocational Education.

RESULTS OF PARTICIPATION OF LOCAL ADVISORY COUNCILS

1. The State Board has notified all eligible recipients of the requirements to establish Local Advisory Councils. Furthermore, the State Board certifies in the State Plan that such eligible recipients have established such councils.
2. The Local Application from eligible recipients indicates advisory council members by clientele group served, race and sex. It also indicates activities in which the council has been involved.
3. Local planners and administrators have been informed of the requirements and functions of local advisory councils and that the local advisory council shall be composed of representatives of the general public including at least a representative of business, industry, and labor. Individuals representing consumer interests, parenting responsibilities, and employment and training councils should also be included.
4. Local boards of education and trustees assure through the application that:
 - a. The determination of the type of vocational education programs to offer will be based, in part, on occupational surveys and current labor market statistics. These decisions will take into consideration the recommendations of the local Vocational Education Advisory Council and the Vocational Education Planning Council.
 - b. The Vocational Education Advisory Council membership is knowledgeable of proposed instruction and does reflect clientele groups which it purports to serve.
5. The involvement of local advisory councils varies with the local education agency and other eligible recipient. Basically the advisory councils have advised local agencies on (a) current labor market needs and the relevancy of proposed programs; and (b) development of the local plan and application to the State Board. Changes in local applications concerning program enrollment, program offerings and funding can be attributed, in part, to the use of advisory councils. These changes are reflected in this state plan.
6. An agreement between the State Board of Education and the State Advisory Council on Education helps accomplish the purposes and objectives of advisory councils.
7. At the secondary level, state staff (regional coordinators) work closely with local education agencies in developing plans and applications prior to approval and in providing follow up.
8. At the postsecondary level, assistance in the development of local application and the monitoring and follow-up of the local application is provided from the state level.

LOCAL ADVISORY COUNCIL PARTICIPATION

1. The State Board has notified all eligible recipients of the requirements to establish Local Advisory Councils. Furthermore, the State Board certifies in the State Plan that such eligible recipients have established such councils.
2. The Local Application from eligible recipients indicates advisory council members by clientele group served, race and sex. It also indicates activities in which the council may indicate the local program of work.
3. Local directors and administrators have been informed of the requirements and functions of local advisory councils and that the local advisory council shall be composed of representatives of the general public including at least a representative of business, industry, and labor. Individuals representing consumer interests, parenting responsibilities, and employment and training councils should also be included.
4. Local boards of education and trustees assure through the application that:
 - a. The determination of the type of vocational education programs to offer will be based, in part, on occupational surveys and current labor market statistics. These decisions will take into consideration the recommendations of the local Vocational Education Advisory Council and the local Vocational Education Planning Council.
 - b. The Vocational Education Advisory Council membership is knowledgeable of proposed instruction and does reflect clientele groups which it purports to serve.
5. The involvement of local advisory councils varies with the local education agency and other eligible recipients. Basically the advisory councils have advised local agencies on (a) current labor market needs and the relevancy of proposed programs; and (b) development of the local plan and application to the State Board. Changes in local applications concerning program enrollment, program offerings and funding can be attributed, in part, to the use of advisory councils. These changes are reflected in this state plan.
6. An agreement between the State Board of Education and the State Advisory Council on Education helps accomplish the purposes and objectives of advisory councils.
7. At the secondary level, state staff (regional coordinators) work closely with local education agencies in developing plans and applications prior to approval and in providing follow up.
8. At the postsecondary level, assistance in the development of local application and the monitoring and follow-up of the local application is provided from the state level.
9. Some local education agencies and postsecondary institutions are using joint advisory councils.

APPENDICES

| | <u>Page</u> |
|--|-------------|
| Exhibit I | 1 |
| Exhibit II | 5 |
| Exhibit III | |
| Comments from Vocational Education State Plan Committee and Responses (1980-81) | 12 |
| Exhibit IV | 13 |
| Comments and Responses, Public Hearings (1981) | |
| Exhibit V | 21 |
| Cooperative Agreement Between the North Carolina State Board of Education (The State Board of Vocational Education) and The North Carolina State Board of Community Colleges | |

COMMENTS AND RESPONSES
VOCATIONAL EDUCATION STATE PLAN COMMITTEE

Comment No. 1: (Presented by Mrs. Daphne O'Neal, a member of the State Advisory Council on Vocational Education) That the State Board of Education and the State Board of Community Colleges Design and overall State Policy for Education and Employment Training Needs of the Incarcerated.

Response: The State Board of Community Colleges and the State Board of Education support this effort.

See Chapter Five of the FY 1980 Accountability Report for a detail response to this recommendation.

Comment No. 2: (Presented by Mrs. Daphne O'Neal, a member of the State Advisory Council on Vocational Education) That the Board of Community Colleges Design Way to Emphasize New and Emerging Education and Employment Training Fields.

Response: The State Board of Education and the State Board of Community Colleges support this recommendation.

See Chapter Five of the FY 1980 Accountability Report for the detail response.

Comment No. 3: (Presented by several members of the State Plan Committee) These comments related primarily to corrections or editorial changes needed in the Amendments and/or FY 1980 Accountability Report.

Response: These suggestions have been considered and in most cases and are reflected in the amendments to the Five Year Plan and FY 1982 State Plan.

Comment No. 4: Section I.B-15 of the five year State Plan for Vocational Education on the Evaluation of Programs needs to be amended in light of Dr. Blake's letter of November 13, 1980 to the Advisory Council in which he described a statewide evaluation of Community College Programs which is planned for 1981.

Response: The State Boards have considered the comment and are of the opinion that the expressed requirement is being met.

Comment No. 5: It is recommended that the Vocational Education State Plan Committee ask the vocational education staff to:

1. Determine whether SOICC can provide supply/demand which is better than is now being used and to report its findings to the Vocational Education State Plan Committee; and if so:

2. That SOICC's occupational data be used in the preparation of the 1981 Accountability Report and the FY 83 State Plan.

Response: The State Boards welcome this recommendation. As has been the procedures of the past the best available data will be used in the preparation of the 1983 State Plan and the 1981 Accountability Report.

Comment No. 6: (Presented by Mrs. Daphne O'Neal, a member of the State Advisory Council on Vocational Education) It is recommended that more specific information be included in the responses to the Advisory Council recommendations numbers 1,3,4, and 5.

Response: The State Boards have reviewed the responses to the recommendations and are of the opinion that the current responses as contained in Chapter Five of the 1980 Accountability Report are appropriate.

COMMENTS AND RESPONSES FROM PUBLIC HEARINGS
ON THE FIVE YEAR AND FY 1982 ANNUAL PLAN,
AND THE FY 1981 ACCOUNTABILITY REPORT

Comment No. 1: There is a need for more vocational education teachers to meet the needs of students.

Response: The State Board of Education and the State Board of Community Colleges (hereafter called the State Boards) have requested funds for the employment of additional vocational education teachers. The State Legislature and the Congress determine the funds that will be available for additional teaching positions.

Comment No. 2: From merely retirements in the near future, there will need to be an increased supply of vocational teachers.

Response: From a recent study of supply trends by North Carolina State University, there will be "a supply of qualified teachers that will be less than the number required to meet demand for each of the next five years" in Agricultural Education, Distributive Education, Occupational Exploration, Disadvantaged Education, and Handicapped Education, if present trends continue. Presently approximately only 25% of the graduating vocational teacher education classes enter the teaching profession. The problem is monumental. The State Boards will continue to strive for more attractive teaching pay and more months of employment to attempt to attract and retain qualified vocational education teachers.

Comment No. 3: There should be a greater variety of vocational courses or programs locally to give students more vocational opportunities.

Response: This recommendation, while a local decision, depends on available resources. The State Boards consistently recommend increased resources to be available to local education agencies.

Comment No. 4: The state should lobby for Targeted Job Tax Credit programs.

Response: The State Boards support this recommendation and will instruct their staffs to support this effort through appropriate channels.

Comment No. 5: There is a need for additional funds and opportunities for staff development for vocational education teachers.

Response: The State Boards support staff development as necessary for maintaining and/or improving instruction. As additional funds become available, more funds will be directed toward this activity. Permission to participate in staff development activities is left to the local school systems or postsecondary institutions.

Comment No. 6: Additional staff development opportunities should be provided for Marketing and Distributive Education professionals to stay current with latest marketing developments.

- Response: The State Boards support staff development as essential for effective instruction. The state staffs are working with local administrators to expand inservice offerings as are deemed needed and feasible for all vocational education personnel. Also as additional federal funds become available more funds will be directed toward staff development. Local boards have the flexibility to set requirements which exceed policies of the state boards.
- Comment No. 7: We would encourage the State Board (of Education) to make available, under the commitment to qualified personnel and to program quality control, to [Personnel Administration Commission for Public School Employees] the expertise of its staff in describing the tasks to be performed by vocational educators in delivering quality programs of vocational education.
- Response: The State Board of Education supports this recommendation and encourages the involvement of the vocational education staff as well as other staff members in this effort.
- Comment No. 8: We believe it is time for the State Board of Education to move assertively in seeking from the General Assembly the necessary funds to achieve full state funding of secondary vocational education. (This comment was reinforced at each hearing.)
- Response: The State Board of Education established a long range plan for securing full state funding of secondary vocational education. The State Board will continue to vigorously seek from the General Assembly the funds necessary to achieve its goals.
- Comment No. 9: It is recommended that the State Board of Education and the State Board of Community Colleges design their part of a comprehensive plan for education.
- Response: See Chapter 5 of the FY 1980 Accountability Report for response to this recommendation.
- Comment No. 10: There is a need for more involvement of representatives of business/industry in local advisory committees.
- Response: The State Boards support the involvement of representatives of business/industry in local advisory committees. Local applications from secondary school systems and postsecondary institutions include information on the composition of local advisory committee and their involvement in local planning. All local education agencies and postsecondary institutions have been notified that this is a requirement to qualify for federal funding.
- Comment No. 11: Local advisory councils need to be more involved in developing local plans.
- Response: See response to Comment No. 10 above.
- Comment No. 12: There is a lack of meetings by and use of local advisory councils.
- Response: See response to Comment No. 10 above.

Comment No. 13: Parents need to be informed enough about vocational education so as to allow their children to take vocational education courses.

Response: The State Board of Education encourages local boards of education to adopt policies on public information which will accomplish this recommendation.

Comment No. 14: The state should provide more funds to support student organization activities.

Response: A proposed policy to allow the expenditure of certain funds for vocational student organizations is being developed by the Division of Vocational Education to be presented to the State Board of Education in the near future.

Comment No. 15: Vocational student organization dues are getting so high, they prevent some students from joining the vocational student organizations.

Response: Although national dues are mandated as the same for each state, state dues are set by each state. Each vocational student organization in North Carolina attempts to keep dues as low as is feasible. This issue will be given further study in the Division of Vocational Education.

Comment No. 16: There should be added emphasis on job placement.

Response: The State Boards accept this recommendation and is placing increased emphasis on job placement as funds are made available for more staff in this area.

Comment No. 17: Teachers should not be held accountable to the same extent for placement of students who are disadvantaged and mainstreamed as for students who are not disadvantaged.

Response: Federal and state regulations require that support services as needed be provided disadvantaged students to assure success in vocational education programs to the extent possible.

Comment No. 18: It is recommended that the State Board of Education and the State Board of Community Colleges design facility construction and program plan applications which require local review and comments.

Response: See Chapter 5 of the FY 1980 Accountability Report for a response to this recommendation.

Comment No. 19: It is recommended that opportunities be increased for students to receive training for their careers in marketing and distribution.

Response: State and federal funds for vocational education are allotted to eligible recipients by formula according to policies of the State boards and/or federal regulations. Local boards have the responsibility for determining the programs needed and which of the allotted funds will be used for those programs.

Comment No. 20: It should be expected that each local Marketing and Distributive Education program will have the benefit of a functioning advisory body.

Response: The policies of the State Boards and federal guidelines require that each eligible recipient have a functioning local advisory council for vocational education; however, advisory committees for program areas are left to the discretion of local boards.

Comment No. 21: Currently there are 53 Hmong secondary school students in one county of the state. It is anticipated that this number will increase to approximately 100 within the next 6-8 months. There is a need for additional funds and strategies to provide additional basic vocational education; such as practical arts or survival skills, for the secondary students and adults.

Response: The State Boards recognize this problem as an example of growing needs in North Carolina and instructs their staffs to work toward strategies and sources of funds that may be made available to help remedy this and other similar situations. The current funding formula provides funds through the disadvantaged allocations to eligible recipients for this purpose.

Comment No. 22: Local disadvantaged and handicapped programs cannot depend consistently on funding from the state. Decreases in funds occur while the number of these students is equal to or greater than that of the previous year.

Response: Due to a federally mandated change in the state's funding distribution procedure, this occurrence happened last year. Unless federal requirements change, we anticipated that the present formula will remain the same. However, federal dollars are targeted dollars, subject to decisions of the Congress and federal agencies. Federal dollars are not as stable as state dollars in allocation procedures.

Comment No. 23: There is a need to improve the process whereby high school graduates can be granted advanced standing in postsecondary programs.

Response: The State Boards recognize the need for articulation of programs between secondary and postsecondary institutions as the policies of the State Boards foster and encourage local board of education and local boards of trustees to develop policies locally that speak to this issue.

Comment No. 24: We are considering reassessing how we are offering vocational education and the possibility of establishing a central vocational school involving the county and city school systems. We are in need of assistance from the state in determining curriculum offerings as well as sources of construction funds.

Response: The State Board of Education instructs it's staff to provide available assistance in determining curriculum needs. Also, the State Board of Education has proposed a statewide bond issue from which funds will be made available for construction of needed facilities.

Comment No. 25: We need to look at the state attendance law and how it affects school dropouts.

Response: The State Board of Education will take this recommendation into consideration.

Comment No. 26: The state should improve the dropout rate.

Response: This comment is recognized statewide, yielding an additional emphasis on vocational education. According to a January 1980 report of the State Department of Public Instruction entitled "The Dropout Problem in the Public Schools of North Carolina," "participation in vocational training programs is a strong deterrent to school dropouts ... for a variety of reasons." These include vocational education's relatedness to students' survival needs; opportunities for success; identification of learnings with job placement and income needs; cooperative education's relief from overly structured schools' immediate income, preparation for immediate entry into the job force, and relevancy; and reduced discipline problems. The study concludes with a recommendation to expand vocational education programs to serve additional students as well as expanded vocational resources for extended day programs. The State Board of Education shall continue to pursue this goal.

Comment No. 27: The State Boards should reconsider the policy which limits high school students from enrolling only in existing courses on a space available basis in postsecondary institutions.

Response: The State Boards accept this recommendation and will reconsider this policy.

Comment No. 28: It is recommended that the State Board of Education and the State Board of Community Colleges design a coordinated state strategy to influence federal education and labor legislation.

Response: See Chapter 5 of the FY 1980 Accountability Report for a response to this recommendation.

Comment No. 29: Using the percentage figure for unemployment rather than the number of unemployed persons as one of the factors in the funding formula discriminates against some eligible recipients which have a higher number of unemployed than do others with a lower number.

Response: The State Boards are aware that the mandated percentage factors required to be used in the allocation of federal funds do produce a discrimination of fiscal support to students. However, we are unable to change this allocation procedure and remain in compliance with the interpretation of federal rules and regulations.

Comment No. 30: We can assure "any" industry seeking to locate in North Carolina of our capability to deliver qualified workers if we identify our weaknesses and take necessary measures to upgrade the level of vocational education in eastern North Carolina. We perceive these are areas as: (a) equitable funding, (b) access, (c) interface between secondary schools, technical schools, and industry, and (d) technical assistance.

Response:

- (a) Equitable Funding - State vocational education funds appropriated by the North Carolina General Assembly are distributed through formulas based on average daily membership (ADM). Superintendents and local boards of education have strongly advocated this method since it gives all school systems the same level of support on a per pupil or ADM basis. On the other hand, federal vocational education funds are designed to concentrate on target groups or purposes and thus are distributed through a formula that incorporate federally mandated criteria: relative ability to pay, concentration of low income families, economically depressed areas, general unemployment, proposed new programs. The data used for each of the criteria is secured from such sources as the Department of Commerce, Census Publications, Employment Security Commission, North Carolina Department of Revenue, and eligible participants. In most instances, the data is available only on a county basis and thus in situations where city units are involved, an interpolation of that data between all local education agencies within the county is required. Local education agencies who have better data breakdowns are invited to provide the information for use in place of that available to the state agency.
- (b) Access - A great deal of effort has been put into assuring that secondary and postsecondary vocational education programs are accessible to all students, regardless of race, handicap, or sex. Inservice training has been targeted to increase access to non-traditional programs. Funding formulas have been revised. (See Comment No. 30a above). Access to more programs; however, is dependent on additional resources. The State Board of Education has approved funds, for example, for a pilot demonstration apprenticeship program and has decided to set aside funds to open programs in new and emerging areas. Efforts have been made to increase the opportunities for secondary youth to participate in vocational programs at postsecondary institutions. This has been brought about due to State Board of Education policy that allows, under certain conditions, the dual enrollment of high school students in their public high school and a community college/technical institute.
- (c) Interface - The Division of Vocational Education has underway a long-range effort to develop a public interface program to improve working relationships between business, industry, civic agencies, and vocational education programs. Plans are for the effort to be available for implementation in the fall of 1982. Development and field testing will take place between now and then. Additionally, each eligible recipient is mandated to have a vocational advisory council comprised of representatives of the aforementioned groups, as well as others, to advise the eligible recipient on current job needs, the relevance of programs offered to meet job demand, and to be consulted in developing its application for funds from the state board.
- (d) Technical Assistance - Both secondary and postsecondary state staffs continue to provide technical assistance oriented to making sure programs offered are congruent with job demand. Progress has been made; more needs to be made.

Comment No. 31: There is a need for clarification from the state on criteria to be used relative to the \$35 per month salary supplement for secondary vocational education teachers.

Response: The State Board of Education will give consideration to this recommendation. Also, see the responses to Comments No. 32 and 33.

Comment No. 32: Vocational education teachers should be paid for the extra work they do beyond the school day and on weekends.

Response: The 1980 session of the North Carolina General Assembly approved \$35.00 per month available to pay each vocationally funded vocational education teacher for this kind of work. The local decision to pay this amount must meet certain criteria identified by the State Board of Education, as well as possibly other local criteria. Presently, approximately 25% of the vocational education teachers statewide receive this supplement. Approximately 50% of the local school system statewide, however, identify no vocational education teachers to receive this amount.

Comment No. 33: While vocational education teachers deserve a supplement, the procedures make it difficult to administer; therefore, a different approach is needed.

Response: Funds were appropriated by the North Carolina General Assembly for this purpose. It is unclear from this comment whether more or less specific criteria are recommended for selection of teachers to receive such supplements.

Comment No. 34: It is recommended that there be a continuation of the allocation of federal funds for equipment at the secondary school level.

Response: Continued allocation of federal funds for equipment will depend on the level of future federal funding.

Comment No. 35: The state or local education agencies should not start vocational programs unless there is sufficient equipment to adequately support the programs.

Response: Article 27A of the North Carolina General Statutes establishes standards to allow such a requirement. This much discussed item may become reality within the near future. Presently, however, local education agencies provide assurances in their local applications for vocational education funds that they will provide sufficient equipment and facilities.

Comment No. 36: Our vocational education programs are not fully prepared to deliver workers trained in technical skills necessary to staff a sophisticated industrial complex.

Response: This comment was made in the context that an industry planning to establish a new plant would not have the workers with the skills required to work in the plant. When the required skills of workers are determined, vocational education programs can be modified or new programs can be established to provide workers

with the required skills. In the interim period, training can be provided to a nucleus of workers which will allow the plant to begin production. Regular vocational education programs would take over and provide workers for replacement or expansion.

Comment No. 37: There needs to be additional offerings in prevocational education.

Response: An added emphasis has been placed recently in North Carolina on prevocational education. Governor Hunt's budget request targeted \$200,000.00 to fund additional prevocational education and other priority demonstration areas. Additionally, the State Board of Education continues to move toward allocating resources to local school units on an average daily membership formula. With these and other resources, the decision is primarily a local one as to which vocational programs are offered.

Comment No. 38: Prevocational education programs need to be improved.

Response: The State Board of Education has under way the first phase of a research project designed to result in a model for an improved prevocational program statewide. Additionally, the Division of Vocational Education is conducting evaluations of prevocational programs statewide to determine what needs to be improved in these programs.

Comment No. 39: Vocational guidance and counseling should be made available to and improved for the 80% of the students who don't go on to college.

Response: The report cited under Comment No. 26 agrees to and extends this comment: "The need for additional guidance services is second only to improved basic skills instruction as a major cause of school dropouts." The decision to use funds for vocational guidance, counseling, and placement services is a local one. Local school units have the option to use any of the state funds allotted as well as federal vocational guidance funds for these positions. Additionally, the Governor has recommended that \$193,000 be appropriated for demonstration student assistance projects at the secondary level for FY 1981-82; for the FY 1982-83 school year, this recommended amount goes up to \$1,800,000. To further help meet the need, a full-time staff member of the Division of Vocational Education has been assigned the responsibility for providing leadership and direction to vocational development programs, with emphasis on placement and vocational counseling activities.

Comment No. 40: There should be more consideration given to the extended day program.

Response: The State Department of Public Instruction continues to provide assistance to local school units on how to extend education programs beyond the normal school day. A new publication is being developed which will expand this promotion. A general staff member in the Department's Instructional Services Area has responsibility for working with local schools on alternative approaches to education.

COOPERATIVE AGREEMENT
BETWEEN
THE NORTH CAROLINA STATE BOARD OF EDUCATION
(THE STATE BOARD OF VOCATIONAL EDUCATION)
AND
THE NORTH CAROLINA STATE BOARD OF COMMUNITY COLLEGES

Pursuant to the Vocational Education Amendments of 1976, P.L. 94-482, Section 104, the State Board of Education is authorized to delegate responsibilities involving the administration and operation of vocational education using federal vocational education funds to one or more appropriate state agencies.

Through this cooperative agreement between the State Board of Education and the State Board of Community Colleges, the State Board of Education through the Controller's Office (State Board of Education) will allocate certain federal funds for vocational education to the State Board of Community Colleges. The allocation of federal vocational education funds shall be in accordance with the March 1980 resolution adopted by the State Board of Education and with North Carolina General Statute 115-238.9.

The State Board of Education, through its Controller's office, agrees to reimburse the State Board of Community Colleges for the expenditure of the federal funds referenced in paragraph two of this agreement upon receipt of a written request indicating that said funds have been expended. This reimbursement shall be contingent upon the receipt of a grant for federal vocational education funds by the State Board of Education.

The State Board of Community Colleges, through the North Carolina Department of Community Colleges and its President, provides the following assurances for the operation of those postsecondary and adult vocational-technical programs which are under its jurisdiction and exclusive of the vocational and technical programs provided and administered by or through the secondary public school system.

1. Vocational-technical programs, services, and activities conducted using funds provided through this agreement will be planned, implemented, administered, supervised, conducted, and reported in accordance with the General Statutes of the State of North Carolina, Vocational Education Amendments of 1976 (P.L. 94-482), subsequent amendments, Federal Rules and Regulations applying to these Amendments, and the North Carolina State Plan for Vocational Education. (Reference P.L. 94-482, Sections 106, 107, and 108.)
2. The Department of Community Colleges will develop the postsecondary portion of the State Plan for Vocational Education and other reports in quantities and at times as may be required to comply with P.L. 94-482, subsequent amendments and rules and regulations. (Reference P.L. 94-482, Sections 107 and 108.)

The State Board of Education will provide to the Department of Community Colleges through the Division of Vocational Education and the Controller's Office (State Board of Education) such coordination as may be appropriate and/or required to comply with the Vocational Education Act of 1963 and subsequent amendments, the State Plan for Vocational Education and the General Statutes of North Carolina.

Both parties agree to cooperate in fulfilling the responsibilities and requirements involved in utilizing the federal vocational education funds referenced in this agreement.

The cooperative agreement is effective for the period of July 1, 1981 to June 30, 1982. Either party may request a review at any time.

For the State Board of Community Colleges

8-3-81

(Date)

Carl Horn, Jr.

Chairman, North Carolina State Board of Community Colleges

8-3-81

(Date)

Larry Blake

President, North Carolina Department of Community Colleges

For the State Board of Education

5-7-81

(Date)

H. Will Brubaker

Chairman, North Carolina State Board of Education

5-7-81

(Date)

James Phelan

State Superintendent of Public Instruction