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#### ABSTRACT

This document presents the Adult Literacy Plan for the state of Florida. Section 1 provides a rationale for the plan. Section 2 sets forth goals and objectives. The statutory intent is described in Section 3, which focuses on the Florida Model Literacy Program Act of 1987 (FMLPA). Section 4 presents a statement of the problem. It provides background information on population growth, the reported level of educational attainment, and economic development trends; describes special populations that should be of critical concern in efforts to address the literacy requirements; and outlines factors that complicate the planning and development of strategies for Florida residents who lack literacy skills. Section 5 provides guidance for state and local responsibilities. The 7 mandatory components required by the FMLPA are presented. Indicators of compliance for each are provided. An outline lists strategies for consideration. It is divided into two major parts: state planning and local planning. Each part has four primary sections: marketing, student motivation, delivery of literacy services, and accountability. Section 6 contains a sample outline and a timetable for a local literacy plan. Seven references are listed. Appendixes include 1980 census data; flowchart of literacy training services; excerpts from Project Independence; and relevant statutes. (YLB)

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# THE FLORIDA ADULT LITERACY PLAN

Bureau of Adult and Community Education Division of Vocational, Adult, and Community Education

The Florida Department of Education Betty Castor, Commissioner

January 26, 1988



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Community input has been obtained from mailouts of earlier draft versions of the plan to interested departments and agencies, including Education, Corrections, HRS, Labor, literacy groups, and libraries. Additionally, a series of public hearings was held across the state. (See Appendix I for a listing of hearing sites and dates.)



# TABLE OF CONTENTS\_\_\_\_\_

Abbreviation	is and Acronyms
Section 1:	IntroductionRationale for Florida's Adult Literacy Plan 1
Section 2:	Goals and Objectives
	Policy Objectives
Section 3:	Statutory Intent
Section 4:	Statement of the Problem
	Background
	Special Populations
	Planning Factors
Section 5:	Strategies for Achieving Adult Literacy
	State and Local Responsibilities
	State Planning Strategies
	Local Planning Strategies
Section 6:	Outline and Timetable for Local Literacy Plan
	Sample Outline for Local Literacy Plan
	Sample Outline for Local Literacy Plan
References	
Tables	
Table One:	CASAS Test Results for AFDC Recipients
Table Two:	Grade-Level-Completion Data for State Prisons (1985-86)
Table Three:	Grade-Level-Completion Data for State Prisons (1985-86) 13 Florida Prison System Educational Statistics, June 1987
Table Four:	Unemployment Status of Young Adults
Table Five:	Local Goals for First-Year Implementation
Table Six:	FloridaYears of School Completed, by County
Table Seven	
Table Seven	: Florida0-6 Tears of School Completed, by Race
Figures	
Eigura Onai	Schooling and Income
Figure One: Figure Two:	Florida Danulation Density and Pural Poverty
•	and the contract of the contra
Figure Three	Cools for Davia Illitarray Poduction, 1906-1993
Figure Four:	Goals for Basic-Illiteracy Reduction, 1988-1995
Appendices	
Appendix A	: 1980 Census Data
Appendix A:	Flow of Literacy Training Services
Appendix C:	
Appendix C.	
Appendix E:	Statute Describing the Florida Adult Literacy Plan
Appendix E.	Related Statutes and State Board Rules
Appendix F:	Notated Statutes and State Duald Killes
Appendix G	: Major Issues and Products to Be Considered for
A 12 7.7	Future Resolution
Appendix H	: Additional Data Sources
Appendix I:	Public Hearings on Florida's Adult Literacy Plan 8



# ABBREVIATIONS AND ACRONYMS

The following abbreviations and acronyms are used throughout this report. This list is provided for your convenience.

ABE - Adult Basic Education

AFDC - Aid to Families with Dependent Children

BACE - Bureau of Adult and Community Education

CASAS - Comprehensive Adult Student Assessment System

CSPA - Council of State Policy and Planning Agencies

DLIS - Division of Library and Information Services

DOC - Department of Corrections

DOE - Department of Education

DVACE - Division of Vocational, Adult, and Community Education

GED - General Educational Development (examination)

HRS - (Department of) Health and Rehabilitative Services

JTPA - Job Training and Partnership Act

LEA - Local Education Agency

LES - (Department of) Labor and Employment Security

NAEP - National Assessment of Educational Progress

PIC - Private Industry Council(s)

SELT - State Employment Literacy Training programs

TABE - Test of Adult Basic Education



# SECTION ONE: Introduction--A Rationale for Florida's Adult Literacy Plan

Illiteracy is not a new issue, nor is it an issue of anything less than enormous magnitude. Repeated attempts to "stamp out illiteracy" have failed to stem the growth of the illiterate population. Educational solutions are available for those who lack literacy skills, but programs that target the illiterate population have been unsuccessful in recruiting and retaining adult students in sufficient numbers to significantly reduce the problem.

One reason for failure is that illiteracy is not a unidimensional problem that can be erased simply with money, instructional programs, and good will. As one educator noted, "Illiteracy may be as much a socio-cultural problem as an educational problem" (Harmon, 1987). More than anything else, illiteracy is a *cultural* blight with roots in the family, social, economic, and political arenas. Pervasive illiteracy within a subculture affects each member, undermining the development of self-esteem and diminishing the motivation to strive for a long-range career and achievement.

Another perspective is presented in a study on illiteracy conducted by the National Assessment of Educational Progress (NAEP). According to NAEP's findings, the main problem is not so much that literacy skills have been declining, but that literacy demands keep rising (Venesky, et al., 1987, p. 5).

Reduced self-sufficiency resulting from illiteracy demonstrably affects the state's economy. A direct and positive relationship exists between the number of school years completed and earned income. Prison inmates who have failed to attain functional literacy skills are unlikely to find employment upon release. Nearly two-thirds of the recipients of Aid to Families with Dependent Children (AFDC) lack high school diplomas. Although service areas (office clerks, waiters, sales, etc.) will continue to experience the greatest employment growth during the next decade, these jobs will increasingly demand more advanced technical capabilities, which persons lacking functional literacy skills will be unable to demonstrate. A large proportion of the work force lacks the literacy skills that are necessary for successful retraining in new jobs. Because illiteracy imposes financial burdens on the state and limits individual productivity and self-realization, we must accomplish our state's goals of enabling persons with low literacy skills to become self-sufficient through enhanced education.

Many communities have already devoted years of effort to helping adults who lack adequate literacy skills; assistance has been offered through public, private, and volunteer groups. As valuable as these programs have been, they are clearly insufficient to keep pace with Florida's adult illiteracy rate. It will be important for each local education agency (LEA) to understand the various veils of illiteracy that exist in its community and to establish interagency coordinated methodologies that attack the roots, not simply the surface manifestations of the problems.



Some useful resources are available for this task. For example, educators have identified certain conditions that increase the probability that illiteracy will continue unabated. We can begin addressing many of these conditions by designing carefully targeted local efforts. By working closely with those who study the issues of illiteracy, we can begin to increase significantly the self-sufficiency of individuals and to improve the state's economic climate.

Another important resource for understanding the roots of illiteracy can be found in the statistical data base, but this resource requires much improvement. Valid, current statistical data pertaining to illiteracy are not easily obtained. When statistical data are inadequate, carefully documented case histories are recognized as important sources of information.

Individuals themselves are the best sources for information about illiteracy. Adults, however, who lack the ability to read and write at the fourth-grade level often mask their plight. Most are unable to answer questionnaires because they cannot read them. Moreover, they may not seek help with what others perceive to be their "problem," because their subculture fails to recognize the value that society in general places upon the ability and the right to read.

Given the limitations of second-hand information (self-reported census data, completed schooling reports, etc.) for identifying those lacking literacy skills, it will take time for districts to obtain accurate and useful illiteracy baseline data. Various functional literacy studies from the 1970s, including Florida's State Student Assessment Testing Program, yielded various estimates of illiteracy, depending upon what measures and what cutoff scores were used (Venesky, 1987).

For both the state's and the LEAs' adult literacy plans, a first step must be to develop a methodology to measure that which has evaded calibration, that which is best described (but only weakly) by 1980 United States Census data. We must be able to answer the question Who are those requiring literacy services? Local plans, in tandem with the State Adult Literacy Plan, can guide LEAs to determine baseline data on those subgroups that lack self-sufficiency because of illiteracy.

Undertaking a new literacy plan in Florida must start with defining the problem (not just the symptoms) and discovering the special characteristics of those who lack basic and functional skills. We must ask ourselves the questions Why? and How far? Why are we serving those who lack literacy skills? How far do we take them on the literacy continuum--through fourth grade, eighth grade, twelfth grade, or some other level? Efforts must be broad-based and multifaceted in order to elicit positive responses (i.e., enrollment in and completion of literacy programs) from those subcultures in which illiteracy is not viewed as a major cause of problems.



9

More than ever before, resource agencies (both public and private, paid and volunteer) must unite in a team effort to assist one another in delivering appropriate, acceptable, and useful services to the illiterate population. Resources such as libraries, the Department of Health and Rehabilitative Services programs, Project Independence, state employment agencies, the state's Correctional Education School Authority education board, and the Job Training and Partnership Act (JTPA), as well as K-12, adult, and vocational education programs, must work together in common purpose to reinforce the value of literacy and to supply efforts at all levels of impact. Coordinated planning and implementation among agencies and among literacy-skills providers is a key to meeting the goal of self-sufficiency for all adult Floridians.



SECTION TWO	Goals and	<b>Objectives</b>	
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The State of Florida will target existing resources to assist those adults who lack basic- or functional-literacy competencies in attaining the skills, knowledge, and background necessary to enhance their ability to become personally and economically self-sufficient. The plan will be implemented by maximizing existing resources.

# **Policy Objectives\***

By 1995, Florida will reduce the percentage of the adult population lacking basic literacy skills, defined as below fourth-grade level (0 through 3.9), from the current level of 3.5 percent to 2 percent.\*\*

By 1995, Florida will reduce the percentage of the adult population lacking functional literacy skills, defined as below ninth-grade level (4.0) through 8.9), from the current level of 18 percent to 10 percent.

\* These policy objectives are drawn from Florida Statute 228.0713. The statistics quoted and used to define the current problem are drawn from 1980 census figures. LEAs may choose instead to use more current or accurate local data sources when developing local plans.

Measurement of progress toward achievement of these objectives is complicated by several factors:

- No control can be exercised over the educational levels of immigrants to the state.
- A middecade update for literacy statistics by the Census Bureau does not exist. The expense of a full-scale, censuslike study would be prohibitive. Alternative studies such as those regularly done by NAEP may represent a more cost-effective strategy.
- Mechanisms for more definitive, accurate, current, and regular measurement of local adult literacy levels must be developed. Only Florida residents who participate in literacy activities are administered achievement tests. Literacy levels of the remainder of the population are inferred from self-reported "years in school," which may or may not accurately reflect actual achievement. Most realistically, such indicators will address characteristics of those currently being served by a program.
- \*\* The 2 percent lower limit is designed to account for those who are intellectually or physically unable to attain the minimum goal.



SECTION THREE:	Statutory	Intent
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Adult illiteracy is a major barrier to individual self-sufficiency and constructive activity. Studies have confirmed the link between illiteracy and the social ills of crime, unemployment, and dependence on public assistance. Further, the problems are self-perpetuating, as demonstrated by the correlation between parental education level and a child's scholastic achievement. In light of these facts, the legislature enacted the Florida Model Literacy Program Act of 1987.

As part of its initiative, the legislature directed the Commissioner of Education to develop The Florida Adult Literacy Plan to attack the problem of adult illiteracy in an organized, systematic, and coordinated manner at both state and local levels. The legislative intent is (1) to improve state-level institutional cooperation and coordination among governmental agencies (such as the Departments of Education, Corrections, Labor and Employment Security, State, and Health and Rehabilitative Services) and private, volunteer, and/or public-support agencies (such as literacy councils and libraries); (2) to eliminate fragmentation in the local delivery of literacy services; and (3) to provide guidelines for public schools and community colleges to follow in developing and implementing local literacy plans.

The Act builds on and complements existing adult education statutes and other legislative initiatives. For instance, the Employment Opportunity Act, or "Project Independence," as it is popularly called, recognizes the necessity for state and local interagency cooperation, especially among the Departments of Education, Labor and Employment Security, and Health and Rehabilitative Services, in providing AFDC recipients with opportunities to become self-supporting and self-sufficient.

Education is viewed as an important means to this goal. The Employment Opportunity Act requires that LEAs assist certain welfare recipients by providing remedial education and improving literacy levels. The Adult Literacy Act also requires that LEAs participate in educational programs. In addition, the Employment Opportunity Act mandates participation for certain welfare recipients as a condition of eligibility for welfare.

When the legislature created the Correctional Education School Authority in 1986 and placed it under the direction of a Board of Correctional Education, coordinated efforts among the Department of Education, the Department of Corrections, and the Correctional Education School Authority became mandatory. Here, efforts focused on meeting the educational requirements of prison inmates, including those lacking functional-literacy skills. The legislature further directed responsible LEAs to coordinate efforts with public libraries and other local sponsors of literacy programs. By encouraging the coordination of literacy activities throughout Florida, this array of legislated mandates and guidelines builds upon and enhances already existing public and private initiatives to reduce adult illiteracy.



#### Background

Developing a comprehensive state literacy plan for Florida must start with a definition of the problem and an identification of those among our residents who lack the basic and functional literacy skills they require in order to become self-sufficient, contributing citizens. This task is hampered by two major problems: First, adequate information about the identity of the adult illiterate population does not exist. And second, illiterate adults have been inadequately motivated to become involved in educational programs.

To attack the problem of inadequate information, procedures that will elicit more than the self-reported grade-completion information found in census data must be established. To overcome the problem of low motivation, strategies must be developed to encourage illiterate adults, first, to enroll in literacy training programs and, then, to remain interested and involved in these programs until literacy and self-sufficiency are achieved.

While sufficient specific data sources are not currently available, information about characteristics of Florida's society and economy is available. This information helps describe the status of adult illiteracy for state and local leaders so that solutions may be correctly linked to basic problems. Most of the following information is based upon the 1980 United States Census or extrapolations thereof. (Appendix A contains a more complete presentation of the data sources.)

# Population Growth

Through the year 2000, Florida's population will increase, according to estimates, by one million every three and a half years. This rate of increase means that Florida is the fastest growing state in the nation. By the year 2000, Florida's ranking among state populations will rise from its 1987 ranking of fourth to third (or even second).

The major source of Florida's population growth is immigration from other states. Almost 88 percent of Florida's growth from 1980 through 1986 is attributed to net migration; new births account for the remainder.

Florida's estimated population in 1986 was 11,657,843. Over 42 percent of these people were between fifteen and forty-four years of age. More than 18 percent of Florida's population are over sixty-five years of age, and the same percentage are younger than fifteen. The nature of this growth and the age distribution of Florida's population dramatically complicate projections of the requirements and the related scope of responsive educational services for those who are not literate.

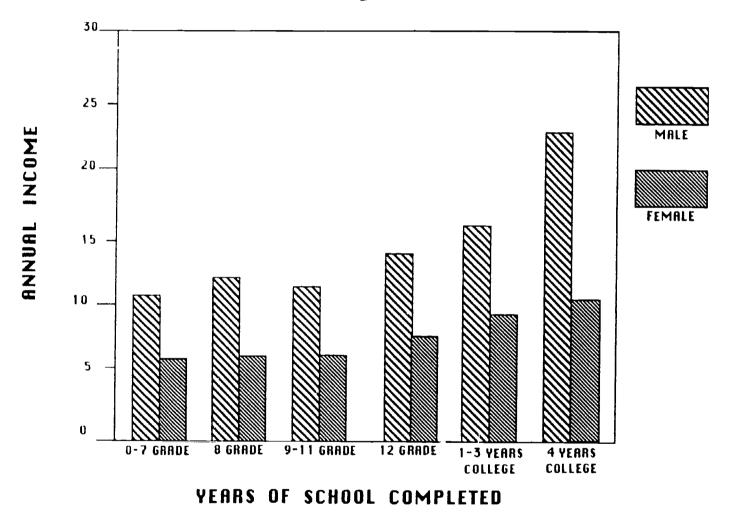
#### Reported Level of Educational Attainment

Florida has an adult population (those sixteen years and older) of over nine million people. According to projections from the U.S. Census Bureau, approximately 2.7 million of these adults (or 30 percent) have completed eight or fewer years of



formal education. Adult males are less likely to have completed eight years of school than are females. In addition, 1979 data indicate that an adult male in Florida with less than eight years of schooling earned 38 percent less per year than an adult male with a high school diploma--a finding that shows a direct relationship between the number of school years completed and income-earning potential. Among AFDC recipients who had completed just four years of education, only one out of every five was successful in securing employment, even with assistance. On the other hand, one out of every two who had completed the tenth grade was successful in securing employment. Figure One depicts that relationship for Florida citizens, as reported in the 1980 census.

# FIGURE ONE Schooling and Income



Source: 1980 Census of Population: Detailed Population Characteristics, Part I-Florida. Table 237. Washington, D. C.: Bureau of the Census, October 1983.



It should be noted that census data on grade completed are developed from self-reported information. This information can be expected to provide an optimistically high estimate of actual reading levels.

NAEP data also show that adults with more proficient literacy skills achieved superior employment records, avoided prolonged unemployment, and earned higher hourly wages than did their counterparts with weaker literacy skills (Venesky, 1987, p. 37).

The number of Florida's adults who have less than a high school education increased by 15 percent between 1970 and 1980. This increase exceeds the national average, and Florida's dropout rate continues to rise.

# Economic Development Trends

Economic reports for 1987 indicate that Florida's growth rate in employment is 4.7 percent, the second highest growth rate in the country. The fastest growing areas of employment continue to be in trade and services. Trade saw growth in areas such as eating and drinking establishments and food and retail stores. Services, the second fastest growing area, shows an increase in health, business, and amusement and recreational services.

Projections for 1995 indicate that new jobs for sales clerks, waiters and waitresses, and general office clerks will show the greatest gain in numbers. These jobs require more than basic and functional literacy skills, as indicated by employers. The fastest rate of growth for new jobs will be in those occupations associated with computer technology, which require at least high school graduation and vocational training. Florida faces a shortage of workers whose literacy and vocational skills are sufficient for gaining and retaining employment in this expanding job market. Stated conversely, the number of jobs available to those who lack functional literacy skills is rapidly diminishing.

# **Special Populations**

Demographic projections indicate that the numbers of new workers (18-year-olds) will continue to shrink through the next decade. To meet the work-force requirements of Florida's growth industries, employers will increasingly rely on minorities and women for entry-level positions. The National Alliance of Business reports that 75 percent of those who will be working in the year 2000 are already in the workplace today. Florida will require new workers, especially workers who have higher literacy skills. While continued improvement in K-12 education is crucial, that alone will not solve the short-term literacy requirements of the work force.

Population and economic projections do not fully describe the impact of adult illiteracy in our state. Profiles of several groups of Florida's residents show that these special populations are characterized by an alarming inability to become or remain self-sufficient. Therefore, these dependent populations should be of critical concern in efforts to address the literacy requirements with the 0-4, 5-8 priority funding groups identified in law (F.S. 228.072).



#### Government-Assistance Clients

According to the 1980 census, approximately 13.5 percent of Florida's population were at or below the poverty level. In 1987 the projected number of AFDC clients exceeded 75,000 adults. A recent survey completed by the Florida Department of Health and Rehabilitative Services indicates that 64 percent of AFDC clients lack a high school education. Of these, approximately 34 percent perform at a literacy competency level that is between the fourth and tenth grades; 11 percent perform below fourth-grade competencies. (These data are from the Florida Project: Preemployment Reading Skills Report [Level B, Form 13], 1987, Department of Health and Rehabilitative Services, Tallahassee. See Table One.)

Research suggests that persons with less than a high school education are more likely to be unemployed and receive some type of government assistance. Achieving functional literacy increases the likelihood of employment. Welfare-savings studies indicate that every AFDC person who secures employment results in an average savings (over a nonassisted control group) of \$2,200 in government assistance for the first year.

TABLE ONE CASAS Test Results for AFDC Recipients

CASAS Score	% of Total	Educational Level
below 200	11.4	below 4th grade
200-210	13.9	4th-8th grade
210-220	19.9	6th-10th grade
220 and above	43.5	for GED program placement

Source: These figures are based on Department of Health and Rehabilitative Services, CASAS Test (Level B, Form 13) results. The test was administered to 995 AFDC recipients.

#### Adult Offenders Incarcerated in State Penal Institutions

Like government-assistance clients, adult offenders are likely to have less than a high school education. For 1984, the last year with complete figures available, nearly 21 percent of the prison population had not completed ninth grade. Only 38 percent had completed high school (in contrast with the 70 percent completion rate for the regular population). (See Table Two.) In June 1987, of the 28,161 adult c Tenders in state penal institutions, approximately 6,000 (or 21 percent) read below the fifth-grade level (see Table Three). Although educational services are targeted to those offenders with less than five years to their release date,



currently only about 9 percent of these targeted offenders are enrolled in basic literacy programs. This figure is of particular concern in light of the fact that studies show that an inability to get employment upon release increases the likelihood of recidivism. Table Two, following, presents recent data based upon highest grade completed in school programs.

TABLE TWO
Grade-Level-Completion Data for State Prisons
(1985-86 DOC Annual Report Data)

Grade Level Completed	Numbers (June 1986)	% of Total (June 1986)	
0-4	875	2.95	
5-7	2,256	7.59	
8	2,541	8.55	
9-11	12,577	42.34	
12	8,720	29.36	
First Through Third Year of College	2,285	7.69	
Fourth Year of College	325	1.09	
Graduate School	125	.42	

Note: Approximately 61 percent of the incarcerated included have *not* completed high school. In contrast, only about 30 percent of Florida's general population have not completed high school.



# TABLE THREE Florida Prison System Educational Statistics June 1987

	Numbers	% of Total	
ABE Program Enrollment	2,021	7.2	
GED Prep Program Enrollment	1,190	4.2	
Chapter I Enrollment Reading Achievement	524	1.9	
Below 5th Grade	6,087	21.6	

# The Unemployed

The unemployment rate in Florida for the first part of 1987 averaged 5.8 percent. Although considered the fifth lowest unemployment rate among the large states, the figure represents over one-third of a million persons who are seeking employment. County by county, Florida's unemployment rate in 1987 ranged from a low of 3.3 percent to a high of 11.9 percent. U.S. Department of Labor data indicate that three-fourths of those who are unemployed lack sufficient literacy skills to be retrained for new jobs.

The employment history of the undereducated worker may be characterized by frequent job displacement and longer periods of unemployment. These characteristics combined with growth in the number of jobs requiring at least functional literacy skills suggest that Florida's unemployment rate may increase despite the projected growth in the number of new jobs. Of particular concern is the finding that the unemployment rate for young adults is triple the rate for the general population, according to the National Assessment of Educational Progress (see Table Four).



# TABLE FOUR Unemployment Status of Young Adults\* by Race, Schooling, and Parent Education

	% of Total	
Race		
White	10.4	
Black	30.0	
Hispanic	18.4	
Schooling		
Less than high school	26.4	
Some high school	21.6	
High school:		
graduate and/or some postsecondary	14.6	
College degree	3.6	
Parent Education		
Less than high school	29.4	
Some high school	21.3	
High school:		
graduate and/or some		
postsecondary	12.9	
Postsecondary degree	3.0	
Total Unemployed Young Adults	14.0	

<sup>\* &</sup>quot;Young Adults" are considered to be between 21 and 25 years old (National Assessment of Educational Progress, 1985).

# **Planning Factors**

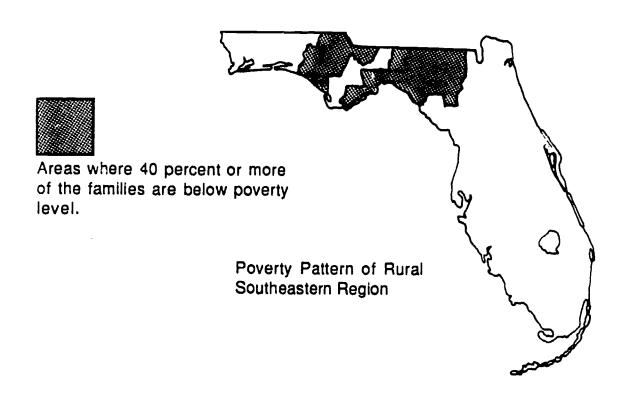
While it is important to recognize that many public, private, paid, and volunteer groups have been diligently working with the adult illiterate population in Florida, a variety of factors complicate the planning and development of strategies for Florida's adult residents who lack literacy skills. These include but are not limited to the following:

# Urban Population Density As Contrasted with Rural Population Sparsity

Florida is simultaneously a rural state and the fifth most urban state in the country. By the year 2000, 54 percent of the state's population will live in seven of the sixty-seven counties--Dade, Broward, and Palm Beach (southeast); Pinellas and Hillsborough (west central); Orange (central); and Duval (northeast). This contrast affects the delivery of services to the adult illiterate population throughout the state. (See Figure Two.)

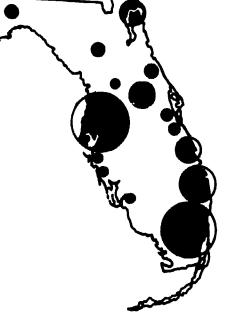


# FIGURE TWO Florida Population Density and Rural Poverty



LEGEND (by population)

- 100,000-150,000
- 151,000 300,000
- 301,000 500,000
- 501,000 1,000,000
- 1,001,000 1,500,000
- 1,500,000 2,000,000



Southeastern Region Standard Metropolitan Statistical Areas (SMSA)



# A Large and Diverse Population of Foreign-Born Immigrants

Florida's immigrants, many from a variety of Caribbean and Latin American countries, represent a diversity of cultures. Experience in trying to provide assistance has shown that the majority of adults are illiterate in their native language as well as in English. In 1980, only slightly more than half of Florida's Hispanic population had completed high school. Further, the federal government has identified Florida as one of five states wherein illegal immigrants pose a critical problem.

# A Fragmentation of Programs for Literacy-Skill Development

In a recent survey, over 150 programs for literacy-skill development were identified in Florida. About half of the programs are tied directly to LEAs. These are offered through public schools, community colleges, public libraries, and other community-based organizations. These current efforts, essential to our success in reducing illiteracy in Florida, can be strengthened through coordination and cooperation. Such planned interaction can take advantage of the unique contributions that each program can make in reaching those among our population who lack basic or functional literacy skills.

# The Handicapped

Although a high dropout rate among the handicapped has long existed, recent increases in high school graduation requirements appear to have made high school completion even more difficult for the handicapped population. Special adult literacy programs would provide an opportunity for these persons to improve their literacy skills and thus increase their self-sufficiency.

# The Elderly

The large elderly population in Florida requires heracy applications extending beyond reading for pleasure and other noneconcarac purposes. Adult education programs can enable the elderly to better communicate with families and businesses. Programs that raise the level of reading proficiency can also result in improved nutritional and health care.

The characteristic, of Florida's society and economy, the unique needs of the various groups, and the complexities of existing conditions must shape the development of policies and strategies designed to address illiteracy among adults in Florida. (Appendix B shows the flow of literacy training services yielding economic and social self-sufficiency.)



# SECTION FIVE: Strategies for Achieving Adult Literacy\_\_\_\_\_

# State and Local Responsibilities

This section of the Plan provides guidance for state and local responsibilities. The seven mandatory components required by the Florida Model Literacy Program Act of 1987, Section 228.0713, F.S., are presented here. Indicators of compliance for each are provided. Additionally, a series of responsibilities and suggested strategies for LEAs are identified. The strategies should lead either to the achievement of the outputs implied by the indicators of compliance or to necessary evaluation or outcome criteria.

As each local plan is developed, these seven components should be addressed; compliance will be evaluated during the state review-and-approval processes by the degree to which indicators of compliance are incorporated into the plan.

COMPONENT 1: Utilization and Training of Volunteer Instructors As Part of An Overall Volunteer Literacy Program

INDICATORS OF COMPLIANCE: The Plan should indicate the current number of volunteers, by providers, and the number of volunteer hours that were served during the past fiscal year. As a consequence of agreements developed between the LEA and the local-service entities, a projection of future voluntary activity should be provided to acknowledge progress over the base year's data. The data should also include the number of volunteers trained, the person-hours of training in the past year, and the target number of persons to be trained in the coming year.

COMPONENT 2: Interagency and Intraagency Cooperation and Coordination
Through Meaningful Local Working Agreements

INDICATORS OF COMPLIANCE: For those segments of the illiterate population composed of recipients of government assistance, incarcerated persons, and unemployed persons, the signing of specific agreements may be required. The agreements may specify testing, referral, and communication procedures; the number of clients to receive specific services; the number of hours of services to be provided; the degree to which resources will be shared; the nature and value of these resources; and results in terms of average participant progress for such coordination.

Intraagency coordination should address the possibilities for developing bridges between basic literacy and vocational education, including the identification and use of nontraditional instructional sites and delivery opportunities. For example, specific vocational programs that heretofore would have been unavailable to those with literacy difficulties might be redesigned as pilots to enable clients to become both literate and job-ready or employed. Such pilot programs might be tied to customized training initiatives that are developed in concert with local employers, Private Industry Councils of the Job Training Partnership Act, or the Bureau of Industry Services within the Department of Education. Sites for delivery could be sites that have not been considered before (e.g., workplaces and community centers) but that have the potential for encouraging previous nonparticipants to take advantage of literacy education opportunities.



# COMPONENT 3: Coordination of Efforts with Public Libraries and Other Local Sponsors of Literacy Programs

INDICATORS OF COMPLIANCE: Community programs that can provide specific resources to augment the LEA effort may be indicated by local working agreements between providers. Also, use of nontraditional learning sites and resources for delivery of services, with reports on the amount and quality of instruction provided in the past fiscal year, could serve as indicators of compliance. Specific reporting, communication, and referral procedures should be incorporated as part of the agreements made with community literacy programs. Indicators may include the number of person-hours involved, as well as other performance indicators such as level of achievement, attainment of further education, numbers of jobs acquired, job advancement, economic self-reliance, etc.

# COMPONENT 4: Progress Toward More Individualized Literacy Instruction by Reducing Class Size

INDICATORS OF COMPLIANCE: Each local plan should indicate the average size of classes and the percentage of students who receive individualized instruction, as defined in Section 228.0715, F.S. If available, data should include base-year figures as well as projections for the coming year. Compliance is indicated by a reduced average class size and by more individualized literacy instruction, as well as by levels of literacy attained.

# COMPONENT 5: Program-Evaluation Criteria and Procedures

INDICATORS OF COMPLIANCE: In an effective program evaluation, specific data are reviewed and feedback is offered on the effectiveness of the plan and its implementation. Evaluation will take place in two domains: (a) delivery and compliance, and (b) impact and consequences.

These evaluation data, as they relate to local plans and state-plan development, will be collected at the local levels by means of a uniform methodology, in a manner to be prescribed by DOE at a future date.

<u>Delivery and Compliance Data</u>. The state will require the following minimum data to be collected by each LEA,\* effective the beginning of Program Year 1989:

- 1. The number of students enrolled and tested in various literacy instruction programs
- 2. The number of students separated from the program (see Adult Education Annual Report for reasons for separation)

* Most of this information is presently accessible through the Adult Educ	ation
Annual Report. Minor adaptations to that document should be able to sat	isfy most
of the above requirements.	

20





- 3. The number of students who completed the program (e.g., achieved basic- or functional-literacy levels, as defined in the statute)
- 4. The number of students continuing in the program
- 5. The average number of instructional hours per student
- 6. The number of students referred and enrolled from other service agencies (e.g., Labor, HRS, the libraries)
- 7. The numbers and types of nonstandard instructional delivery sites (e.g., workplace, community centers) identified and used

<u>Impact and Consequences</u>. After the development, adaptation, and implementation of effective measurement instruments, future data requirements will include:

- 1. The average grade-level progress and other significant indicators of the progress of each student in a special or general adult population group by grades 0-4 and 5-8, as measured by the accepted standards of Minimum Student Performance Standards for grades 3, 5, 8, and 11. The application skills for the eighth-grade test are defined as being approximately fifth-grade level, and the application skills for the State Student Assessment Test, Part II, are defined as being approximately eighth-grade level.
- 2. Entry-level competency of each student or a special or general-population group by grades 0-4 and 5-8
- 3. Numbers and kinds of learners entering further educational opportunities, such as vocational programs
- 4. Numbers and kinds of learners completing subsequent educational opportunities
- 5. Numbers and kinds of learners passing the GED
- 6. Numbers and kinds of learners getting, keeping, and/or attaining advancement in jobs
- 7. Numbers and kinds of learners who become economically and socially self-sufficient and self-reliant (as indicated by such criteria as (a) not being under the care, custody, or control of another individual, agency, or substance; (b) economic ability, as indicated by, for example, having financial credit; (c) active participation in community affairs, as indicated by, for example, voting; and (d) self-perceived positive quality of life)

It should be noted that the data for suggested *impact and consequences* evaluation areas (see items 3 through 7 above) will require increasingly valid sources. Several possible useful data bases exist, and these are being further developed by the Department of Education (e.g., The Occupational Identifiers Project). Other possible data sources could include the Department of Health and Rehabilitative Services, the Department of Labor, and the Department of Corrections.



From the data collected, a cost per contact hour should be established. This information can be considered when management decisions concern future funding requirements and the cost-efficiency of current expenditures.

In addition, as *impact and consequences* evaluations are conducted, estimates of cost-benefit and cost-utility will be possible, enabling the Commissioner of Education and legislators to identify not only the efficiency of adult literacy thrusts, but the payoffs and consequences as well.

COMPONENT 6: Identification, Recruitment, and Retention of Adults Lacking Basic and Functional Literacy Skills

INDICATORS OF COMPLIANCE: The use of written agreements and procedures with HRS, local employers, PICs, local job-service offices, and community entities that provide educational services should specify testing and referral procedures that encourage recruitment and follow-up communication to ensure the retention of participants. The development and use of nontraditional sites for the delivery of literacy instruction will demonstrate the extent to which agencies are being responsive to the unique values and characteristics of the various potential recipient populations. Marketing procedures should be developed for specific populations (e.g., AFDC recipients, unemployed persons). The development of a video presentation that could be used in AFDC waiting rooms is an example of an indicator of compliance for recruitment of adult literacy participants. A mailing to employees indicating the availability of classes for a company's existing work force would be an indicator of compliance for goals associated with literacy in the workplace.

COMPONENT 7: Prevention of Adult Illiteracy Through Programs Designed to Help Parents Learn the Techniques and Skills They Require to Assist in Their Children's Educational Development

INDICATORS OF COMPLIANCE: Programs currently in place through HRS, such as dropout prevention and parental-effectiveness-training programs, can be expanded and offered through other literacy-service providers. New and innovative programs offered outside conventional classrooms could be developed, such as family reading hours and family-oriented literacy lessons delivered through the local media (television, radio, newspaper). Kindergarten through twelfth-grade educational programs could emphasize the role of parents as their children's first and most influential teachers. Programs could be developed to help parents learn the techniques and skills they require in order to foster their children's educational development.

The following outline provides a general listing of strategies for consideration. Local examination of the problems will dictate which strategies are appropriate for inclusion in the local plan. The outline is divided into two major parts: state planning and local planning. Each part has four primary sections: marketing, student motivation, delivery of literacy services, and accountability.



The listing provided herein is not intended to be exhaustive. Other strategies that may be useful and appropriate for certain local circumstances should be included in local plan development. As the outline indicates, emphasis is to be placed on cooperation between agencies and groups. Please note that the numbers in parentheses following many of the local planning strategies refer to the specific components to which the strategies are linked.

# A. State Planning Strategies

- 1. Outreach/Marketin
  - 1.1. Identification of Population--Needs Assessment: Characteristics and Requirements
    - 1.1.1. Identify AFDC recipients who can benefit from responsive educational services, and methods for meeting the requirements of the Florida Employment Opportunity Act.
    - 1.1.2. Devise a means for identifying and referring prospective clients, as distinguished from those seeking employment.
    - 1.1.3. Correctional Educational School Authority will develop mechanisms to identify inmates in the 0-3.9 and 4.0-8.9 grade-level-priority groups.
    - 1.1.4. Correctional Educational School Authority will develop baseline data against which to measure program impact and payoff.
    - 1.1.5. Develop a marketing plan to raise community awareness of initiatives for increasing literacy in order to improve employability, productivity, and other aspects of life.
    - 1.1.6. Aggregate and disseminate state and regional information of baseline literacy-level data.
    - 1.1.7. Identify gaps between current and required levels of self-sufficiency, self-reliance, and quality of life.

# 1.2. Outreach/Marketing Recruitment

- 1.2.1. Develop procedures to ensure increased recruitment communication and the cooperation of Project Independence participants.
- 1.2.2. Develop screening techniques for literacy to be used when individuals first meet the job counselor.
- 1.2.3. Correctional Education School Authority will develop a marketing plan to increase inmate interest and participation in literacy programs.

#### 1.3. Coordination

- 1.3.1. Schedule preliminary meetings with key staff from all participating agencies to ensure a common understanding and the commitment of all parties.
- 1.3.2. Develop procedures for periodically communicating statewide with each agency's personnel (e.g., via memos).



- 1.3.3. Encourage PIC members to be active in literacy programs (libraries, JTPA, literacy councils, coordinating councils, etc.).
- 1.3.4. Develop regional frameworks for a literacy panel to be organized at each correctional facility to coordinate literacy concerns. The panel may include, but not be limited to, representatives of the chaplain's office, classification psychologists, local literacy volunteer groups, correctional educators, and librarians.
- 1.3.5. LES will develop a marketing plan and materials for local use: radio and TV PSAs, brochures, billboards, etc.
- 1.3.6 Coordinate policies regarding literacy programs within the Department of Education.

#### 2. Student Motivation

#### 2.1. Incentives

- 2.1.1. Develop procedures that will ensure increased retention of AFDC recipients until literacy and educational employability goals are achieved.
- 2.1.2. Develop incentives for inmates who achieve functional-literacy levels, as defined in statute, while incarcerated.
- 2.1.3. Create functional agreements among current and potential local providers of literacy services to move persons from their current levels of functioning to those levels of literacy which will allow them to be successful in Florida's work force.
- 2.1.4. Identify common and unique methods for communicating to target recipients the realistic benefits of becoming literate.
- 2.1.5. Obtain agreements for using non-LEA facilities as "friendly sites" for training and instruction.

#### 2.2. Coordination

- 2.2.1. Develop linkages with parenting-education programs.
- 2.2.2. Develop linkages with health-education programs.

#### 3. Delivery of Literacy Services

#### 3.1. Access

- 3.1.1. Establish state-level procedures to permit local usage of LES and HRS space and other friendly sites for educational testing and service delivery.
- 3.1.2. Determine which barriers to deliver of literacy instruction within a correctional facility are best targeted for solution at the state level.
- 3.1.3. Identify the barriers to and the benefits of the delivery of literacy programs in the community, and encourage alternative and responsive nontraditional sites for the delivery of services (e.g., the work site, daycare centers).



#### 3.2. Individual Assessment Methods

- 3.2.1. Review state DOE-approved-and-adopted tests for adult education and recommend changes or additions to the listing for statewide continuity.
- 3.2.2. Share assessment techniques from DOE with LES and HRS. LES can then provide to locals:
  - 3.2.2.1. Locator instrument
  - 3.2.2.2. TABE
- 3.2.3. Administer TABE or other state-approved test to each inmate.
  - 3.2.3.1. Identify appropriate testing instruments for adult ESL or handicapped students.
  - 3.2.3.2. Initiate procedures to add such test(s) to those currently approved by DVACE.
- 3.2.4. HRS will target the following AFDC recipients for literacy services and establish goals for participation rate.
  - 3.2.4.1. Recipients at the 0-3.9 grade level on state-approved test
  - 3.2.4.2. Recipients at the 4.0-8.9 grade level on state-approved test

## 3.3. Instructional Methods

- 3.3.1. Develop procedures for the selection and/or development of valid learning materials and methodology (e.g., instructional-system-designed criteria).
- 3.3.2. Develop and implement an ongoing staff-development model to ensure that Florida's literacy providers have access to current adult-learner research.

#### 3.4. Providers

- 3.4.1. Develop and implement procedures that ensure cooperation between public and nonprofit volunteer literacy providers, including libraries and churches.
- 3.4.2. Develop and implement procedures that will ensure the coordination of efforts with public libraries and other sponsors of literacy programs.

#### 3.5. Resources

- 3.5.1. HRS will initiate agreements with DOE to facilitate the coordination of services.
- 3.5.2. Develop a framework to aid individual correctional facilities in the development of volunteer literacy peer-tutoring programs.



3.5.3. Develop a framework to aid correctional facilities in developing and/or coordinating with community-based volunteer literacy programs.

3.5.4. Provide incentives, such as time off, to employees participating in the State Employment Literacy Training (SELT) program tutoring.

3.5.5. LES will develop labor-market information that impacts literacy programs, particularly local-education entities.

3.5.6. DLIS will disseminate periodic documents regarding literacy strategies, model programs, and available resources throughout the state.

# 3.6. Support Services

3.6.1. Provide useful criteria to literacy providers for cost-effective program support.

#### 3.7. Coordination

- 3.7.1. Governor can advise the PICs that literacy is a priority to be addressed.
- 3.7.2. Develop the framework for a literacy panel to be organized at each correctional facility to coordinate literacy concerns. The panel may include, but not be limited to, representatives of the chaplain's office, classification psychologists, local literacy volunteer groups, and correctional educators.
- 3.7.3. Establish model programs for moving persons along the literacy continuum to functional literacy and into nonsubsidized employment that is performance-based, with the following criteria:
  - 3.7.3.1. Payment based on positive results
  - 3.7.3.2. Payment based on long-term retention
- 3.7.4. Collect and document information pertaining to valid literacy programs and initiatives.

# 4. Accountability

#### 4.1. Evaluation

- 4.1.1. Require each correctional facility to develop a literacy plan that will deliver literacy services to the following priority groups:
  - 4.1.1.1. 0-3.9 grade level on state-approved tests: goal of 100 percent participation rate
  - 4.1.1.2. 4.0-8.9 grade level on state-approved tests: 75 percent participation rate



- 4.1.2. Require each correctional facility to maintain records that will document instruction and tested gain in reading level by individual students.
- 4.1.3. Develop and implement a program that requires accountability from those who actually deliver the services.
- 4.1.4. DOE will review and approve or reject local evaluation criteria and strategies, and provide technical assistance.
- 4.1.5. Develop measurable objectives that clearly identify target recipients, cultural values, and projected impacts.

## 4.2. Reporting

- 4.2.1. Develop procedures for building a baseline for collecting and reporting measurable performance and compliance data.
- 4.2.2. DOE will require each LEA to maintain records on the development of a correlation between an individual's years in school and the grade level indicated by test achievement. This data base will be developed to aid in the monitoring of progress toward the currently legislated literacy goals.

## 4.3. Coordination

- 4.3.1. Define and establish agreed-upon tasks at the state level.
- 4.3.2. To facilitate the coordination and cooperation of literacy and related issues at the state level, a policy group shall be initiated to include representatives from the DOE; Correctional Education School Authority; Department of Health and Rehabilitative Services; Department of Labor and Employment Security; and Department of State, DLIS. This policy group will be charged with reviewing areas of cooperation and with developing common literacy policy goals.



# **B.** Local Planning Strategies

# 1. Outreach/Marketing

- 1.1. Identification of Population Needs Assessment: Characteristics and Requirements
  - 1.1.1. Locally identify AFDC recipients who can benefit from educational services and plan for mandatory local testing and educational services. (2)
  - 1.1.2. Devise means of identifying and referring prospective students, as distinguished from those seeking employment assistance.
  - 1.1.3. Develop at each correctional institution a system which will provide mechanisms to identify inmates who read at 0-3.9 and 4.0-8.9 grade levels. (2)
  - 1.1.4. Obtain local baseline data that include the number and percentages of adults sixteen years and older with educational skills at levels 0-3.9 and 4.0-8.9, on a district-by-district basis. The data should include at least a subset of AFDC recipients and incarcerated offenders. (2)
  - 1.1.5. Identify local baseline data that include the number and percentages of adults who are below self-sufficiency and self-reliance levels.

# 1.2. Outreach/Marketing Recruitment

- 1.2.1. Develop a comprehensive marketing plan to maintain focus on literacy issues. (6)
- 1.2.2. Attract labor clients into literacy training. (2)
- 1.2.3. Initiate screening techniques provided through job counselors or by the state. (2) (6)
- 1.2.4. Seek JTPA-eligible clients from other agencies. (2)
- 1.2.5. Increase the participation of inmates at 0-3.9 and 4.0-8.9 grade levels. At each correctional institution, target a goal of 100 percent participation in the 0-3.9 grade-level group and 75 percent participation rate in the 4.0-8.9 grade-level group.
- 1.2.6. LEAs will develop a comprehensive marketing plan to recruit adults who lack basic- or functional-literacy skills. The plan will include target numbers (to be annually revised). (2)
- 1.2.7. Include the functionally illiterate work-force members through the development of work-force literacy initiatives.
- 1.2.8. Identify friendly sites for education within the facilities of various local and state agencies. (2)
- 1.2.9. Plan ongoing efforts to recruit volunteer tutors. (1) (3) (4)

#### 1.3. Coordination

1.3.1. Conduct preliminary meetings with local key staff from all participating agencies to ensure a common understanding and the commitment of all parties. (2)



1.3.2. Ensure that agreements with specific, measurable products and memoranda of cooperation result from meetings with the provider groups (volunteer organizations, libraries, etc.) (3)

1.3.3. Encourage local literacy professional organizations to recruit private business people, particularly PIC members, for participation in these organizations and on their boards. (2)

- 1.3.4. Organize a literacy panel at each correctional facility to coordinate literacy concerns. The panel may include, but not be limited to, representatives of the chaplain's office, classification psychologists, local literacy volunteer groups, correctional educators, and librarians. (2)
- 1.3.5. Coordinate advertising strategies developed by LES through the local labor officer. (2)
- 1.3.6. Conduct outreach efforts to involve the business community in the development of job-site literacy efforts. (6)
- 1.3.7. Encourage PIC members to be active in literacy programs (libraries, JTPA, literacy councils, coordinating councils, etc.).
- 1.3.8. Coordinate efforts with already existing community volunteer group(s) to recruit and train volunteer tutors. (1) (3) (6)
- 1.3.9. Ensure local articulation between adult and vocational-education literacy programs. (2)
- 1.3.10. Coordinate with Project Independence supervisors regarding transportation, child care, and specific measures for referral, testing, and reporting.

#### 2. Student Motivation

#### 2.1. Incentives

- 2.1.1. To those students who achieve basic- or functional-literacy competencies, provide certificates of achievement acceptable to employers. (2)
- 2.1.2. Secure training commitments from industry. (6)
- 2.1.3. Secure employment commitments from industry to give first choice to program completers, e.g., JTPA job-readiness-type programs.
- 2.1.4. Develop and implement strategies that will encourage workers who are partially or fully employed in entry-level positions to become functionally literate and thereby increase their potential for career advancement.
- 2.1.5. Implement incentive programs for inmates who achieve functional-literacy levels while incarcerated. (2) (6)

#### 2.2. Coordination

2.2.1. Develop procedures for identifying special motivational techniques.



2.2.2. Work with local providers and potential providers to encourage target populations to enroll in and attend literacy training programs at nontraditional delivery sites.

# 3. Delivery of Literacy Services

#### 3.1 Access

- 3.1.1. Plan for identifying and/or selecting alternative sites for classroom instructional sites (e.g., LEA, HRS, local libraries, and other nonstandard community-based locations).
- 3.1.2. Articulate with local DLES officials to provide access and space to literacy providers in local Job Service Offices to facilitate literacy testing and educational services. (2)
- 3.1.3. Identify barriers to the delivery of literacy instruction to targeted groups inside and outside job-service offices. (2)
- 3.1.4. Utilize neighborhood-based organizations to deliver literacy programs to those seeking basic skills. (3)
- 3.1.5. Utilize community education activities as a vehicle for increasing opportunities for literacy-skill development. (2)
- 3.1.6. Plan and deliver literacy services to the work force through job-site classes and/or individual tutoring. (2) (3) (4)
- 3.1.7. Negotiate with employers for full or partial release time for students who participate in job-site literacy classes. (2)
- 3.1.8. Coordinate with local K-12 educational programs to ensure that literacy programs emphasize the importance of parents as their children's first and most influential teachers. (7)

## 3.2. Individual Assessment Methods

- 3.2.1. Make plans for establishing and maintaining processors for testing job-ready and non-job-ready AFDC recipients. (2)
- 3.2.2. Check each individual inmate record to ensure that ABE or another approved test was administered when the inmate entered the state system. (2)
- 3.2.3. Provide feedback to DOE regarding the validity and usefulness of assessment methods currently in use. (2)

#### 3.3. Instructional Methods

- 3.3.1. Make plans for involving local councils (coordinating, PIC, advisory, industrial) to address the program content and the identification of population and to take steps to assure availability of jobs.
- 3.3.2. Reduce class size and progress toward more individualized literacy instruction. (1) (3) (4)
- 3.3.3. Plan for the design of programs to help parents learn the techniques and skills necessary to assist in their children's educational development. (7)



Plan, design, and deliver valid individualized literacy instruction 3.3.4. at levels targeted by intake and periodic assessments (ABE, CED prep, etc., (1) (4) 6)

Administer TABE or another state-approved test as an aid in 3.3.5. descripting individualized instructional plans for each inmate.

Plan and deliver one-on-one instruction whenever possible, 3.3.6. utilizing volunteers to individualize program. (1) (3) (4)

#### **Providers** 3.4.

Develop and implement procedures to identify and integrate 3.4.1. volunteer services with the professional education programs.

Develop and implement procedures for the utilization and 3.4.2. training of volunteer instructors as part of an overall volunteer

literacy program. (1) (3) (4)

Develop and implement procedures that ensure coordination of 3.4.3. efforts with local public libraries and other local literacy programs. (1) (2) (3) (4)

#### 3.5. Resources

Develop and implement procedures for identifying resources 3.5.1. (e.g., educational offerings, combined training and educational activities, (2)

Provide each employment agency with a current directory of 3.5.2.

literacy providers throughout the state. (2)

Utilize PICs to solicit outside funds through their established 3.5.3. contacts in the business community. (2)

Implement an organizational plan to promote the use of inmate 3.5.4. volunteers as peer tutors in correctional facilities. (2)

Implement an organizational plan to utilize community-based 3.5.5. volunteer literacy tutor groups to deliver individual instruction at correctional facilities. (2)

#### Support Services 3.6.

- Plan and establish a system for identifying support services 3.6.1. available (e.g., transportation, counseling, and child care). (2)
- Plan and identify support services available at each correctional 3.6.2. facility (for example, chaplain's office, classification psychologists, local LEA, etc.). (2)

Plan and identify support services available at each public 3.6.3. library. (2) (3)



## 3.7. Coordination

3.7.1. Organize a literacy advisory panel for each LEA. The panel may include, but not be limited to, representatives of PIC, local government, HRS, libraries, community education and private organizations that are concerned with literacy.

3.7.2. Develop local procedures which will ensure that the LEA can provide PICs with names of program completers, enabling PICs

to provide job development. (2)

3.7.3. Ensure dissemination of labor-market information that affects literacy programs, particularly to local education entities. (2)

3.7.4. Coordinate services between employment and training agencies and local literacy providers so that applicants requiring literacy assistance can be referred to the appropriate service. (2)

3.7.5. Organize a literacy panel at each correctional facility to coordinate literacy concerns. The panel may include, but not be limited to, representatives of the chaplain's office, classification psychologists, local literacy volunteer groups, correctional educators, and librarians. (2)

# 4. Accountability

#### 4.1. Evaluation

4.1.1. Each LEA should, in conjunction with HRS, establish a data base for AFDC and food-stamp recipients who are participants in

Project Independence. (2) (5) (6)

4.1.2. Establish procedures for assessing the progress of long-term AFDC and social-services recipients and the rate of change among those Project Independence participants who are referred for adult-education assistance. (2) (5)

4.1.3. Maintain records of inmates targeted for literacy services by virtue of scores achieved on approved tests within targeted 0-

3.9, 4.0-8.9 priorities. (2) (5)

4.1.4. Maintain records to document instruction and tested gain in reading level by individual students. (2) (5)

4.1.5. Develop and submit to DOE local literacy plans that will include program evaluation and criteria. (5)

4.1.6. Develop measurable objectives that clearly identify target

recipients and foster cultural values. (5)

4.1.7. Negotiate appropriate working agreements with other public and private agencies in regard to the delivery of services. (2) (3) (5)

# 4.2. Reporting

4.2.1. Develop procedures for collecting, recording, and reporting AFDC and food-stamp-recipient test results. (2) (5)

4.2.2. Develop procedures for collecting, recording, and reporting enrollment and achievement (including employment) of students in libraries and other volunteer literacy programs. (2) (3) (5)



Administer one of the tests approved by the State Board of 4.2.3. Education to adult students when they register for Adult General Education classes. (5)

Maintain records of individual grade-level test results and the 4.2.4. years in school. These data will be forwarded to the Department of Education to facilitate the development of a statistical correlation between years in school and achievement level on approved tests. (2) (3) (5)

> NOTE: Development of the above correlation (years in school and grade achievement level) will facilitate the identification of target groups, the effective use of 1990 census information, and the monitoring of progress toward legislated literacy goals.

Collect and report data on social, employment, and economic 4.2.5. impact. (2) (5)

#### 4.3. Coordination

Include an agreement on levels of responsibilities between 4.3.1. participating agencies (e.g., testing, reporting and collection of data, monitoring of AFDC/student involvement and progress) and on methods of maintaining student progress in programs outside the control of the LEA.



Florida Statute 228.0713(4)(a) requires each LEA to develop and submit a local literacy plan within twelve months after the adoption of the State Plan. Evidence must be shown that this plan was developed in coordination with other local agencies. Evidence of coordination might, for example, be provided in the form of written agreements with HRS, LES, DLIS, DOC and other community-based organizations or agencies. The plan must be submitted to the Commissioner of Education for review and subsequent approval or disapproval.

Each plan must directly address the seven components identified in law. To repeat, they are as follows:

- 1. Utilization and training of volunteer instructors as part of an overall volunteer literacy program
- 2. Interagency and intraagency cooperation and coordination through meaningful local working agreements
- 3. Coordination of efforts with public libraries and other local sponsors of literacy programs
- 4. Progress towards more individualized literacy instruction by reducing class size
- 5. Program-evaluation criteria and procedures
- 6. Identification, recruitment, and retention of adults lacking basic and functional literacy skills
- 7. Prevention of adult illiteracy through programs designed to help parents learn the techniques and skills they require to assist in their children's educational development

Plans will automatically be returned by DOE for revision if each of the above topics is not addressed. Local plans should also include a variety of other topics, such as nontraditional delivery sites, methods, and activities.

Upon notice of disapproval by the Commissioner, an LEA will have sixty days to bring the plan into compliance. Failure to do so will cause the Commissioner to deny in the subsequent year Adult General Education funds equal to the amount spent on basic-skills-education programs in the prior year.

#### Sample Outline for Local Literacy Plan

The local plan should be organized as follows:

#### I. Statement of the Problem(s)

Describe the local population, specifically the special populations most at risk. Where possible, include the numbers of those lacking basic and functional literacy skills. Local education agencies are encouraged to seek more current descriptions of the population in lieu of 1980 U.S. Census data.

#### II. Local Policy Goal(s)

Prepare general statements to describe the direction of local efforts.



#### III. Local Strategies

A. Marketing--Specific strategies designed to enlist special populations into literacy programs (see Local Planning Strategies, section 1, Outreach/Marketing)

B. Student Motivation--Specific strategies for encouraging special populations to strive for academic achievement (see Local Planning Strategies,

section 2, Student Motivation)

C. Delivery of Services--Specific strategies designed to eliminate duplication of services and provide for coordinated efforts between the public and private sectors, including employers (see Local Planning Strategies, section 3, Delivery of Services)

D. Accountability--Specific strategies which define the responsibilities of cooperating agencies (LEA, HRS, DOC, DLIS, LES and other community-based organizations and agencies) (see Local Planning Strategies,

section 4, Accountability)

#### IV. Evaluation Criteria and Resource Impacts

Methods to measure the degree of success for each locally defined strategy included in the plan should be presented. Further, each LEA should provide preliminary estimates of the costs for instituting its local literacy plan, citing available public and private resources and volunteers, as well as anticipated expenses.

#### Timetable for the Development of First-Year Local Plans\*

February 1, 1988--Division of Vocational, Adult, and Community Education provides a DVACE memo to each LEA, describing the approved state plan.

#### State Planning

Within forty-five days of the approval of this plan by the State Board of Education, the Department of Education vill develop arrangements and agreements with every other state-level agency involved in the plan's implementation (e.g., the Departments of Health and Rehabilitative Services, Labor, Corrections, and State). The agreements regarding responsibilities and associated timetables will be disseminated to local agencies as soon as possible to facilitate local planning.

#### Local Planning

May 2, 1988--DOE develops and disseminates forms and procedures for creating local plans.



38

<sup>\*</sup> The intent of the Florida Literacy Plan is not for the creation of a local plan for one year only. Instead, the plan will be reviewed, revised, and updated on a periodic basis. The Department of Education will generate procedures for local creation of plans for subsequent years. The CSPA advisory team will continue to provide guidance in updating the design and implementation of the plan. A report of this activity will be submitted annually to the Commissioner of Education.

36

September 30, 1988--Districts deliver initial interim local plans in narrative form to DOE. Each draft plan shall include the following:

- A completed statement of the local problem(s) and a description of local inputs (resources, volunteers, facilities, illiterate population characteristics, etc.)
- Evidence of steps taken toward local plan development (memoranda of meeting notices, minutes from meetings held, etc.)
- Draft agreements between providers and other agencies
- A description of alternative means for establishing local baseline literacy levels and explanations of how progress of participants will be measured and how program success will be evaluated

November 30, 1988--DOE provides an unofficial response to interim local plans.

January 30, 1989--Delivery of local plans to DOE must be made by this date.

March 17, 1989--DOE responds to local plans with approval/disapproval.

May 17, 1989--Local plans must be brought into compliance by this date or face a reduction of program funding.

Table Five identifies the initial goals of new enro'lees for the first year of the plan. Local plans should develop targets for subsequent years. The numbers in Table Five were calculated by summing county 1980 census data for adults twenty-five years and older who had completed less than eight years of school. Five percent of this total was defined as the first year's goal. The goals cited in Table Five may be recalculated by districts if more recent or accurate local data regarding literacy rates are available. (See Section 4, Statement of the Problem.) Tables Six and Seven provide district-by-district educational characteristics as derived from the 1980 United States Census.



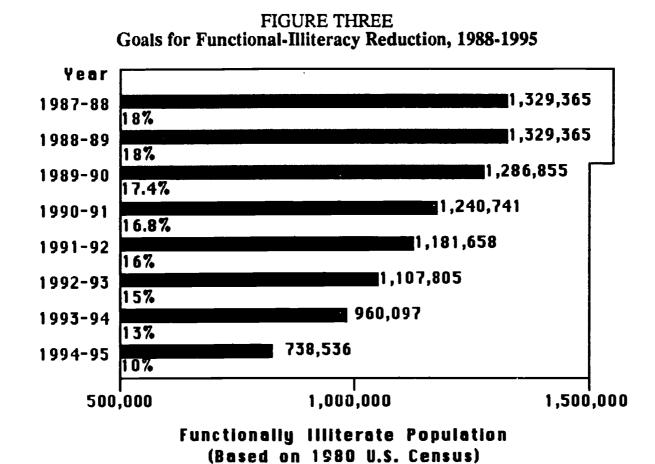
# TABLE FIVE Local Goals for First-Year Implementation of the Literacy Plan (LEAs and Number of New Literacy Students Desired)

LEA	Number Desired	LEA	Number Desired
Alachua	530	Lake	520
Baker	104	Lee	681
Bay	428	Leon	425
Bradfo <sub>1</sub> d	145	Levy	132
Brevard	622	Liberty	_ 50
Broward	3,194	Madison	164
Calhoun	104	Manatee	511
Charlotte	178	Marion	584
Citrus	223	Martin	213
Clay	136	Monroe	226
Collier	389	Nassau	180
Columbia	214	Okaloosa	280
Dade	11,044	Okeechobee	117
DeSoto	117	Orange	1,566
Dixie	58	Osceola	162
Duval	2,248	Palm Beach	2,052
Escambia	923	Pasco	838
Flagler	34	Pinellas	2,251
Franklin	77	Polk	1,719
Gadsden	521	Putnam	316
Gilchrist	39	St. Johns	248
Glades	46	St. Lucie	428
Gulf	72	Santa Rosa	206
Hamilton	88	Sarasota	484
Hardee	204	Seminole	488
Hendry	139	Sumter	153
Hernando	172	Suwannee	173
Highlands	305	Taylor	143
Hillsborough	2,731	Union	62
Indian River	240	Volusia	875
Jackson	401	Wakulla	76
Jefferson	122	Walton	163
Lafayette	39	Washington/Holmes	137



Figures Three and Four present estimated current levels of illiteracy and annual projections for reducing Florida's illiterate adult population through 1995. Figure Three shows the projections for functional illiteracy, and Figure Four shows the projections for basic illiteracy. Cautious interpretation is warranted since the population figures upon which these percentages are based have been taken from the 1980 U.S. Census. The number of immigrants and relocaters to Florida since 1980 has not been taken into account.

The first number given in Figures Three and Four is the estimated number of adults in Florida lacking functional or basic literacy, respectively, as indicated by the 1980 census; this number is used as a baseline from which projections are calculated. According to estimates, 18 percent of Florida's adult population lack functional literacy skills and 3.5 percent lack basic literacy skills. The projected number of persons who are no longer illiterate was developed to coincide with Florida's policy objectives to (a) decrease the percentage of functional illiterates in Florida from 18 to 10 by 1995, and (b) decrease the percentage of basic illiterates from 3.5 to 2 by 1995.

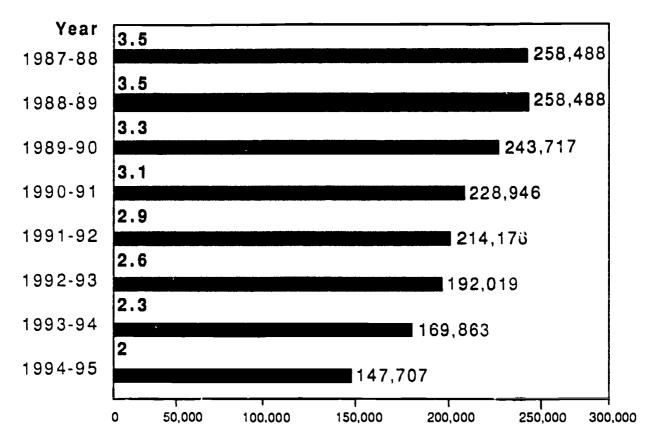


Note: Figure Three shows projections for reducing Florida's functionally illiterate population (defined as below ninth-grade level: 4.0 through 8.9).



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FIGURE FOUR
Goals for Basic-Illiteracy Reduction, 1988-1995



Basic Illiterate Population (Based on 1980 U.S. Census)

Note: Figure Four shows projections for reducing Florida's basic-illiterate population (defined as below fourth-grade level: 0 through 3.9)



3 3

TABLE SIX
Florida--Years of School Completed, by County, for Age 25 and Older

County	Total Population Age 25+	# with 0-8 Yrs of School	% with 0-8 Yrs of School	# with 0-4 Yrs of School	% with 0-4 Yrs of School
Alachua	75,817	10,056	13	3,410	4.5
Baker	8,222	2,432	30	583	7.1
Bay	56,053	10,298	18	2,251	4.0
Bradford	12,048	3,109	25	822	6.8
Brevard	170,292	19,017	11	2,716	1.6
Broward	702,820	99,153	14	16,049	2.3
Calhoun	5,491	1,995	36	618	11.3
Charlotte	45,574	6,984	15	694	1.5
Citrus	40,583	8,893	22	731	1.8
Clay	37,625	4,681	12	817	2.2
Collier	57,539	8,595	15	1,475	2.6
Columbia	19,917	4,618	23	1,172	5.9
Dade	1,048,561	244,258	23	49,688	4.7
DeSoto	11,517	3,156	27	538	4.7
Dixie	4,675	1,384	30	346	7.4
Duval	382,707	51,807	16	11,679	3.1
Escambia	131,303	21,136	16	4,784	3.6
Flagler	7,486	895	12	191	2.6
Franklin	4,501	1,495	33	475	10.6
Gadsden	22,658	8,183	36	3,642	16.1
Gilchrist	3,337	870	26		
Glades	3,770	1,109	29	1 <b>7</b> 7	4.7
Gulf	6,182	1,432	23	437	7.1
Hamilton	4,733	1,495	32	574	12.1
Hardee	10,704	3,878	36	1,029	9.6
Hendry	10,079	2,757	27	731	7.3
Hernando	31,629	6,164	19	721	2.3
Highlands	32,760	7,749	24	1,240	3.8
Hillsborough	384,098	65,995	17	13,093	3.4
Holmes	8,855	3,406	38		
Indian River	40,054	6,561	16	1,239	3.1
Jackson	22,492	7,347	33	2,560	11.4
Jefferson	5,985	2,022	34	818	13.7
Lafayette	2,307	789	34		
Lake	72,134	14,551	20	2,711	3.8
Lee	141,303	21,707	15	3,133	2.2
Leon	77,259	8,503	11	2,493	3.2
Levy	12,391	3,114	25	714	5.8
Liberty	2,477	934	38	271	10.9



County	Total Population Age 25+	# with 0-8 Yrs of School	% with 0-8 Yrs of School	# with 0-4 Yrs of School	% with 0-4 Yrs of School
Madison	8,359	2,964	35	1,069	12.8
Manatee	104,102	17,160	16	2,333	2.2
Marion	78,617	16,265	21	2,817	3.6
Martin	44,478	6,757	15	668	1.5
Monroe	43,005	5,539	13	1,066	2.5
Nassau	18,280	4,155	23	825	4.5
Okaloosa	59,323	6,720	11	1,315	2.2
Okeechobee	11,588	3,093	27	537	4.6
Orange	273,811	39,319	14	7,871	<b>2</b> .9
Osceola	31,058	6,090	20	586	1.9
Palm Beach	397,157	58,402	15	10,080	2.5
Pasco	143,523	31,965	22	3,025	2.3
Pinellas	524,492	80,709	15	9,194	1.8
Polk	195,301	41,991	22	8,210	4.2
Putnam	31,053	7,529	24	1,658	5.3
St. Johns	31,827	5,683	18	1,350	3.3 4.2
St. Lucie	54,887	10,691	19	2,146	3.9
Santa Rosa	30,843	4,949	16	1,008	3.3
Sarasota	150,154	18,831	13	2,044	3.3 1.4
Seminole	108,072	12,165	11	2,537	2.3
Sumter	14,818	3,703	25	2,337 771	2.3 5.2
Suwannee	13,109	3,871	30	1,024	7.8
Taylor	9,608	2,799	29	882	
Union	6,371	1,406	22	259	9.2
Volusia	173,814	27,795	16	3,937	4.1 2.3
Wakulla	6,288	1,626	26	3,937 325	
Walton	13,442	3,880	20 29	323 816	5.2
Washington	8,827	2,845	32	809	6.1 9.2

SOURCES: Table 182; Age, Fertility, Relationship, and Educational Characteristics by Race and Spanish Origin for Counties; Florida General Social and Economic Characteristics, 1980. Table 203(A); Years of School Completed for Persons 15 Years Old and Over by Age, Sex, Race, and Spanish Origin; Florida, Detailed Population Characteristics, Part II, 1980.



TABLE SEVEN
Florida--0-8 Years of School Completed, by Race,\* for Age 25 and Older

County	0-8 Total	%	White	%	Black	%	Indiar	1 %	Asian Pacific	%
Alachua	10,056	(13)	5,609	(9)	4,300	(32)	16	(8)	80	(8)
Baker	2,432	(30)	1,974	(28)	458	(44)	0		0	
Bay	10,298	(18)	8,058	(16)	1,936	(35)	71	(20)	201	(34)
Bradford	3,109	(26)	2,173	(23)	910	(40)	11	(24)	10	(23)
Brevard	19,017	(11)	15,391	(10)	3,269	(30)	70	(17)	22()	(18)
Broward	92,153	(14)	80,557	(13)	17,387	(33)	103	(13)	414	(13)
Calhoun	1,995	(36)	1,712	(35)	268	(48)	15	(31)	()	
Charlotte	6,984	(15)	6,699	(15)	229	(39)	13	(19)	31	(17)
Citrus	8,893	(22)	8,477	(22)	364	(42)	20	(25)	6	(7)
Clay	4,681	(12)	4,094	(12)	517	(32)	15	(18)	31	(11)
Collier	8,595	(15)	5,741	(11)	1,025	(45)	-15	(15)	16	(12)
Columbia	4,618	(23)	3,216	(20)	1,395	(41)	()		7	(10)
Dade	244,258	(23)	181,629	(21)	40,704	(29)	171	(14)	1,432	(17)
DeSoto	3,156	(27)	2,395	(25)	639	(40)	7	(23)	8	(16)
Dixie	1,384	(30)	1,173	(28)	211	(47)	()		0	
Duval	51,807	(16)	31,032	(12)	20,081	(29)	120	(12)	454	(13)
Escambia	21,136	(16)	13,986	(13)	6,591	(30)	303	(23)	221	(14)
Fiagler	895	(12)	619	(9)	270	(44)	0	. = 3.	0	
Franklin	1,495	(33)	1,198	(31)	273	(50)	16	(53)	0	
Gadsden	8,183	(36)	2,592	(24)	5,576	(48)	0		0	
Gilchrist	870	(26)	813	(26)	0		0		()	
Glades	1,109	(29)	832	(27)	163	(46)	73	(41)	0	
Gulf	1,432	(23)	1,030	(20)	402	(40)	0		0	
Hamilton	1,495	(32)	701	(22)	785	(51)	9	(36)	()	
Hardee	3,878	(36)	3,071	(33)	311	(41)	23	(79)	()	
Hendry	2,757	(27)	1,682	(21)	767	(47)	19	(76)	22	(46)
Hernando	6,164	(19)	5,514	$\frac{(18)}{(21)}$	604	(44)	6	(9)	24	(23)
Highlands	7,749	(24)	5,998	(21)	1,602	(51)	54	(38)	401	(13)
Hillsborough	65,995	(17)	51,827	(15)	12,145	(29)	235	(22)	491	(21)
Holmes	3,406	(38)	3,278	(38)	111	(63)	15	(23)	()	(17)
Indian River	6,501	(16)	4,663	(13)	1,773	(47)	12	(15)	19	(17)
Jackson	7,346	(33)	4,797	(28)	2,535	(50)	11	(17)	()	
Jefferson Lafavette	2,022			(20)	1,339		0		()	
Lafayette	789	(34)	710	(33)	79 770 C	(59)	()	(26)	() 26	(11)
Lake	14,551	(20)	11,323	(18)	2,877	(43)	38	(26)	26	(11)
Lee	21,707	(15)	18,154	(14)	2,828	(4())	105	(43)	47	(11)
Leon	8,5()3	(11)	3,840	(6)		(29)	22	(9)	25	(5)
Levy	3,114	(25)	2,369	(22)	717	(47)	17	(65)	4	(14)

<sup>\*</sup> Major racial groups



County	0-8 Total	%	White	%	Black	%	India	ı %	Asian Pacific	%
Liberty	934	(38)	788	(35)	146	(59)	0		0	
Madison	2,964	(35)	1,455	(27)	1,509	(50)	0		0	
Manatee	17,160	(16)	14,221	(15)	2,496	(39)	58	(52)	130	(47)
Marion	16,265	(21)	12,428	(18)	3,631	(35)	52	(26)	69	(49)
Martin	6,757	(15)	5,125	(12)	1,029	(49)	0	•	16	(12)
Monroe	5,539	(13)	4,713	(12)	648	(31)	30	(10)	32	(81)
Nassau	4,155	(23)	3,353	(21)	785	(35)	4	(10)	0	` ′
Okaloosa	6,720	(11)	5,644	(11)	782	(20)	14	(6)	227	(24)
Okeechobee	3,093	(27)	2,504	(24)	436	(57)	20	(31)	0	• ,
Orange	39,319	(14)	28,406	(12)	9,750	(30)	125	(17)	209	(11)
Osceola	6,090	(20)	5,592	(19)	386	(30)	35	(21)	32	(22)
Palm Beach	58,402	(15)	41,971	(12)	14,605	(38)	105	(22)	334	(18)
Pasco	31,965	(22)	30,720	(22)	729	(38)	106	(29)	59	(17)
Pinellas	80,709	(15)	71,452	(15)	8,462	(32)	169	(20)	455	(23)
Polk	41,991	(22)	32,280	(19)	8,340	(35)	130	(25)	136	(19)
Putnam	7,529	(24)	5,244	(20)	2,233	(45)	45	(40)	7	(19)
St. Johns	5,683	(18)	4,023	(14)	1,629	(43)	0		15	(15)
St. Lucie	10,691	(19)	6,627	(15)	3,970	(46)	17	(13)	19	(12)
Santa Rosa	4,949	(16)	4,508	(16)	334	(29)	47	(20)	44	(18)
Sarasota	18,831	(13)	16,877	(12)	1,681	(34)	42	(28)	109	(24)
Seminole	12,165	(11)	8,242	(8)	3,675	(42)	46	(17)	100	(12)
Sumter	3,703	(25)	2,786	(22)	858	(42)	32	(43)	8	(50)
Suwannee	3,871	(30)	2,946	(27)	895	(47)	0		10	(18)
Taylor	2,799	(29)	2,071	(27)	724	(41)	0		4	(17)
Union	1,406	(22)	965	(22)	429	(23)	7	(16)	5	(19)
Volusia	27,795	(16)	23,155	(15)	4,267	(31)	110	(26)	102	(13)
Wakulla	1,626	(26)	1,241	(23)	378	(45)	()		0	. ,
Walton	3,880	(29)	3,340	(27)	454	(42)	86	(69)	0	
Washington	2,845	(32)	2,399	(31)	411	(39)	35	(40)	0	

SOURCE: Table 49, 1980 Census of Population and Housing Data, FSU Census Access System.



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AFIFNDIX A: 1980 Census Data		

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### Table 76. Educational Characteristics by Race: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols see Introduction. For definitions of terms, see appendixes A and B]

			White		<u> </u>			-	Block			
			Urban		Rurol				Urbon		Rural	
The State							ŀ		Inside urbani	red oreos		
Urban and Rural	The State	to*al	Inside urbanizi		ioial	Form	The State	Total	Central cines		Torol	Form
SCHOOL ENROLLMENT AND TYPE OF SCHOOL			417.407	978 172	303 896	13 320	455 273	403 725	197 209	163 546	52 552	821
Persens 3 years old and ever exches a school - Nursery school - Public	1 833 095 74 810 16 149 29 140 29 521 91 038 66 602 15 948	1 524 199 64 420 13 075 25 524 25 821 73 423 52 025 13 714	417 897 16 022 3 479 6 186 6 357 18 814 12 703 4 045	43 091 8 305 17 176 17 610 47 768 34 072 8 693	10 370 3 074 3 616 3 700 17 615 14 577 2 234	332 136 82 114 779 667 69	20 126 12 743 3 077 4 306 31 689 27 957 1 678	18 601 11 5/3 2 920 4 108 28 454 24 844 1 622	9 117 5 747 1 334 2 036 14 227 12 327 869	/ 838 4 596 1 400 1 842 11 403 9 842 656	1 525 1 170 157 198 3 235 3 113	20 20 - 41 41 -
Chier private  Elementary (1 to 8 years)  Public Church-related Other private High school (1 to 4 years)  Public Church-related Other private Church-related Other private College Public	8 488 831 544 706 793 97 039 25 712 440 299 392 238 35 706 12 355 395 404 334 089	7 684 667 656 555 274 88 106 23 276 350 858 317 214 32 630 11 014 357 842 300 566	2 066 166 478 132 896 26 609 6 973 91 343 77 541 10 261 3 541 125 240 106 739	5 003 437 678 366 508 56 425 14 745 236 785 209 083 20 962 6 740 212 850 178 238	804 163 888 150 519 10 933 2 436 79 441 75 024 3 076 1 341 37 562 33 523	43 6 772 5 902 661 209 4 148 3 837 179 132 1 789 1 643	2 054 232 607 225 159 5 729 1 719 114 462 111 415 2 007 980 57 454 51 163	1 988 204 155 197 145 5 409 1 601 97 124 96 553 1 846 725 53 392 47 568	97 465 94 104 2 527 834 47 162 45 920 815 427 29 238 25 997	905 83 008 79 558 2 732 718 40 361 39 204 915 241 20 936 13 543	66 28 452 28 014 320 118 15 278 14 862 161 255 4 062 3 595	435 435 265 260 5 60 45
Persons 3 years old and over enrolled in school 3 and 4 years old 5 and 6 years old 5 and 6 years old 14 and 15 years old 16 and 17 years old 18 and 19 years old 18 and 19 years old 19 and 21 years old 22 to 24 years old 25 to 34 years old 25 to 34 years old 25 years old 35 years old and 9 years old 25 years old 35 years old 35 years old and over	1 833 095 71 385 153 357 707 102 230 577 214 839 122 231 79 685 68 328 101 727 83 864	1 524 199 61 233 124 282 568 021 185 772 175 406 107 616 73 782 62 999 90 287 73 801	417 897 15 767 31 212 140 542 45 154 45 421 36 191 28 609 23 274 30 365 20 321	978 172 40 312 81 765 373 835 121 979 115 293 63 423 41 466 37 123 55 067 47 902	308 896 10 152 27 075 139 081 44 805 38 433 14 615 5 903 5 329 11 440 10 063	13 820 293 1 286 5 771 2 158 2 157 876 352 225 281 421	456 278 24 394 46 454 171 691 57 553 54 207 25 816 13 436 11 233 17 192 12 092	403 726 22 559 41 369 169 752 51 720 47 101 22 843 12 271 10 394 15 740 10 977	197 209 11 232 20 463 79 863 24 118 22 568 12 432 7 420 5 793 8 041 5 279	9 331 16 647 69 426 21 344 18 904 8 394 4 123 4 005 6 680 4 692	52 552 1 835 5 085 23 139 7 843 7 105 2 973 1 165 839 1 452 1 115	821   20   59   319   155   155   37   38   7   8   23
Persent even had in scheel— 3 and 4 years old	97.7	47 3 92 6 93 9 97 8 84 7 49 2 32 9 18 8 9 2	98 6 97 4 83 1 51 6 37 9 21 5	48 6 92 8 99 0 98 2 85 7 48 7 31.5 18 5 8 9	31 3 83 4 98 6 97 0 80 6 36 5 14.0 9 5 6 0	27 6 92 1 98 7 93 4 90 1 47 6 26 3 13 5 4 5	47 5 90 8 97 7 96 0 85 0 44 7 74 5 14 3 8 3	49 5 91 1 97 8 96 2 84 8 4> 2 25 4 15 1 8 7	50 0 90 9 97 5 96 1 85 0 47 0 29 4 16 4	52.1 92.3 98.2 96.5 84.4 43.5 22.1 15.0 8.9	31 9 88 8 97 4 95 1 P6 4 41 4 17 8 9 0 6 0	21 5 85 5 97.0 98.7 91.2 50 0 39.6 5 8
SCHOOL ENROLLMENT AND LABOR FORCE STATUS  Persons 16 to 19 years old  Armed Forces Civilian, torolled Employed Unemployed Not in lobor force Employed Unemployed Unemployed Unemployed Not in lobor force Not high school producte Employed Unemployed Unemployed Not in lobor force Not high succol graduate Employed Unemployed Not in lobor force Not high succol graduate Employed Not in lobor force	179 536 168 416 89 072 67 512 5 556 14 994 80 344 41 512 10 095	427 209 9 454 283 508 124 554 11 724 147 230 134 247 71 438 55 831 4 377 11 230 62 809 8 060 21 170	6 201 81 313 33 327 3 292 44 674 37 260 19 413 15 063 1 241 3 109 17 847 8 752 2 391	264 914 3 109 178 508 80 949 7 543 90 016 83 297 45 045 35 348 2 734 6 95 3 32 52 21 450 4 879 11 923	87 704 473 53 0:2 18 914 1 872 32 306 34 169 16 634 11 189 3 764 17 535 7 933 2 035 7 567	4 236 3 033 1 072 72 1 889 1 203 766 583 47 135 437 237 32 159	17 763 4 394 57 797 40 054 11 394 8 433 2 119 5 8:12 22 £60 2 947	106 079 1 330 67 683 16 099 3 926 49 858 34 816 15 389 7 531 1 651 5 996 19 428 6 068 2 644 10 /16	7 664 3 659 997 3 016 9 532 2 585 1 438	41 692 524 27 270 7 409 1 583 18 278 13 898 6 167 3 147 2 341 7 731 2 892 964 3 875	15 394 87 10 071 1 664 468 7 939 5 238 2 006 907 258 646 3 232 952 303 1 967	244 
YEARS CF SCHOOL COMPLETED           Made, 25 years eld and ever           Fementary         0 to 4 years           5 to 7 years         8 years           High school:         1 to 3 years           4 years         4 years           College         1 to 3 years           4 years         4 years	62 045 151 993 187 424 357 639 801 678 469 872	2 131 699 46 294 117 371 148 965 286 665 659 686 407 498 247 524	14 9/7 36 8/4 37 241 72 /23 168 696 106 615	1 363 611 25 760 67 231 94 821 181 994 425 189 267 273 162 381	419 543 15 751 34 612 33 459 70 974 141 992 62 374 30 503	17 961 645 1 650 1 661 2 840 6 138 2 553 1 374	42 C49 17 811 60 746 74 173 32 775 10 576	65 685 29 624 9 854	8 613 26 800 37 722 13 972 4 530	97 278 11 687 12 292 5 761 19 145 26 579 13 519 4 481	4G 485 8 449 6 921 3 246 8 754 8 488 3 102 722	238 118 52 73 104 41
5 or more years	242 574 70 2	217 698 71 9	62 883	138 904 72 9 1 583 980	24 878 61 9 437 061	1 090 62 1 18 020	43 3	8 474 45 0	43 8	3 814 49 7 117 414	803 32 4 40 231	10 25 1 <b>မာ</b> ၀
Female, 25 years eld and ever Elementary 0 to 4 years	63 016 159 473 270 745 466 762 1 188 108 488 163		17 732 44 082 49 774 102 776 2 254 930 114 276	29 921 74 848 114 604 235 793 658 607 278 442	9 872 27 646 36 951 87 047 180 426 58 763	795 874 1 614 3 159 7 709 2 445	34 6-34 49 710 25 971 81 675 94 512 37 929	28 340 42 086 23 157 72 687 84 782 37 103	14 899 21 748 12 449 37 297 42 412 17 946	8 542 14 232 7 647 25 271 34 075 16 245	6 354 6 624 3 814 8 988 9 730 2 812	97 127 62 107 143 20
4 years 5 or more years	220 475 123 290	196 448 110 47	i 33 594	123 124 68 641 71 3	12 819	1 723 847 66 9	11 34 1	10 674	5 (154	6 7±0 4 A20 57 6	1 240 669 35 9	53 21 37 6
Persons 25 years old and over  Persons 15 years of elementary school High school graduates	5 481 274 2 3	4 624 676	1 239 872		856 604 3 0	35 981 2 6 64 5	616 962	566 246 11 2	11.2	214 692 9 4 51 3	183	1 272 26 3 31 3
A or more years of tollege	15.8	16	17 7 12 6	1 <i>6 7</i> 12 6	10 8	12 1	1 / 3	11 5	: 13	9 2 12 0	9 8	7.1 8 5 290
Persons 13 to 24 years old	11 3	18	8) 5	462 723 73 6 6 5	37	4 851 75 ( 3 )	65 0	7.5	56.8	64 608 64 8 3 1	55.4	70 7 2 4
Male, 18 to 24 years old  Percent high school graduates	. 74 6	. 16	1 78.5	230 623 15 7 6 5	65.5	2 619 73 (	7 21	61 3	61 7	29 520 61 8 7 6	10	163 82 2 4 3
Percent high school graduates 4 or more years of college	60 1	81	5 82 7	232 160 81 5 6 1	719	2 23 /9 1	9 1 19 5	10.	139	35 C49 71 1 3 5	65.0	127 55 9

11-104 FLORIDA

### **BEST COPY AVAILABLE**

GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS



TABLE 237. INFOME IN 1979 OF PERSONS 18 YEARS AND OVER BY YEARS OF SCHOOL COMPLETED, AGF, RACE, SPANISH ORIGIN, AND SEX: 1980 ....

	IDATA ARE EST	I IMATES HAS	SED ON A SAM	THE; SEE IN	TRODUCTION.	FOR MEANING		SEE INTRO	DUCTION. FO	CR	
.ORIDA		- ELEMENT		HJGH \$1		1"10 <i>"</i> 3	. (())	5 ANU 6	7 CA MOFE	PERI HIGH SCHOOL	4 OR
OTAL	LATOI,	TEARS		. YEARS		25*A\$	1 f 40\$	YEARS.	1L485	GRADUATES	1317666
*ALLS 18 TFARS OLD AND OVER.  **ITHOUT INCOME.  **ITH INCOME.  **S1 TO \$1,999 OR LOSS  \$2,000 TO \$3,999  \$4,000 TO \$3,999  \$6,002 TO \$3,999  \$6,002 TO \$7,999  \$10,000 TO \$14,999  \$12,000 TO \$14,999  \$15,000 TO \$14,999  \$25,000 TO \$24,999  \$25,000 TO \$24,999  \$25,000 TO \$49,999  \$55,000 TO \$49,999  \$50,000 OR MORE.	155 6d6) 3 310 618: 185 310 305 94: 314 337: 344 099. 320 929 298 643: 357 842: 439 459. 261 187:	327 107 21 404 305 703 25 912 68 387 51 896 42 696 32 637 23 897 22 221 20 035 8 482 5 642 2 415 2 631	223 995 10 874 213 1211 111 988 119 330 159 0411 42 600; 20 176 18 1011 3 169 5 237 2 046; 1 682	559 870 41 156 518 714 45 104 60 641 60 638 69 074 61 708 51 481 54 776 54 29 26 206 17 058 5 929 5 170	1 133 2-41 44 9671 1 U88 2771 53 4562 CO 3631 CO 3 2221 121 7027 112 0052 113 0971 140 512 99 8251 69 1151 20 941 16 2271	642 031 25 958 616 073 76 546 48 977 12 662 73 394 71 600 97 132 65 872 53 415 20 006 15 990	315 922 109 804 8 375 11 971 13 821 16 662 18 658 23 286 31 205 50 825 41 160 46 186 25 102 20 550	149 413 2 854 146 529 4 122 5 055 5 529 6 200 6 279 8 320 14 883 24 611 26 931 13 514 9 624	114 922, 2 125; 112 597; 2 825; 3 654; 4 213; 4 404; 4 102; 5 271; 7 886; 14 011; 13 800; 18 203; 13 630; 20 110;	68.0 52.8 68.7 56.8 47.9 58.3 62.5 74.8 79.0 84.3 90.0	16.7 7.3 17.2 8.3 6.8 7.0 7.9 9.1 12.3 15.6 26.8 37.9 54.9
MEDIAN	\$11 090 \$14 651	\$4 296 \$8 424	\$7 653 \$9 864	\$8 532 \$10 663	\$11 207 \$13 475	\$12 553 \$15 482	\$17 465 522 454	\$19 539 \$23 629	\$23 243 \$32 656i		:::
BITH EARNINGS  PEAN ANNUAL INCOME	\$16 2260 \$14 604	161 400 \$10 973 \$9 798 \$234	1:12 992 \$12 420 \$10 697 1257	375 842 \$11 508 \$10 415 \$249	884 008' \$14 311 \$13 028 \$289	\$17 031 \$16 081 \$14 488 \$327	254 854 \$23 675 \$21 017 \$453	122 744 \$24 806 \$21 970 \$177	93 465 \$35 824 \$32 476 \$697	74.5	18.7
PEAN ANNUAL INCOME.  PEAN AINUAL EARWINGS.  MEAN VELKIT EARWINGS.  WORKED 40 OR PORE WEERS IN 1979  MEAN ANUAL INCOME.  PEAN ANNUAL INCOME.  PEAN WEEVLY EARNINGS.  USUALLY WORKED 1 TO 34 HOURS PER	\$16 960- \$15 697 \$345 1 840 216 \$18 502	131 831 811 491 810 678 8244 104 116 812 584 811 941 8241	84 840 \$12 7/4 \$11 619 \$265 67 174 \$13 981 \$13 058 \$263	(13 325 \$17 199 \$11 413 \$264 745 783 \$13 701 \$13 048 \$204	786 398 \$14 609 \$13 791 \$100 672 397 \$15 947 \$15 061 \$101	442 543 \$17 041 \$15 729 \$347 3-3 863 \$16 680 \$17 486 \$350	228 958 \$24 037 \$22 017 \$467 204 746 \$45 301 \$73 476 \$468	109 147 \$25 553 \$25 323 \$500 97 360 \$26 853 724 837 \$501	A2 556 \$57 136 \$73 35 75 277 \$39 014 \$76 604 \$739	75.7  77.4 	20.5
MEEK.  MEAN ANNUAL INCOME.  MEAN ANNUAL EARNINGS.  MEAN WEEKLY FARNINGS.	\$00 930  \$10 568  \$7 168  \$176	26 075 \$8 274 \$5 765 \$150	15 957 57 848 86 123 \$161	57 151 \$7 384 \$5 119 \$117	88 816 \$9 5211 \$6 5891 \$159	69 171 59 554 96 800 \$168	22 484 \$19 ()17 \$11 917 \$261	11 510 \$17 607 \$10 964 \$233	9 466 \$25 693 \$17 263 \$352	67.0 	14.5
MALES 1A TO 24 YEARS OLD	564 910 498 040 56 029 56 826 483 155 56 929 56 739 5173	12 429 9 264 34 342 \$5 355 8 160 \$5 738 \$5 565 \$152	12 687; 10 283; \$5 102; \$5 772; 9 508; \$5 778; \$159	134 669 110 340 \$4 909 \$5 822 106 828 \$5 925 \$5 799 \$158	244 379; 223 759; \$4 718; \$7 386; 218 590; \$7 459; \$7 305; \$176	130 969 117 230 55 389 56 486 113 012 36 589 \$6 286 \$172	23 401 22 102 18 G83 58 971 21 629 59 104 58 803 5250	5 825 5 178 \$5 346 \$7 188 4 761 \$7 526 \$7 060 \$208	\$60 414 \$5 982 \$8 524 367 \$8 892 \$8 544 \$237	71.7	5.3
WEEK.  MEAN ANNUAL INCOME.  MEAN ANNUAL EARNINGS.  MEAN WEEKLY EARVINGS.  WORKED 40 OR MORE WIEKS IN 1979  PEAN ANNUAL INCOME.  MEAN ANNUAL FARMINGS.  PEAN WEEKLY EARVINGS.  USUALLY WORKED 1 10 3% HOURS PER	379 C74- \$7 804  \$7 635  \$193  261 374  \$9 495  \$9 368  \$193	6 657 \$6 156 \$5 996 \$162 4 086 \$7 852 \$7 686 \$160	8 127 \$6 323 \$6 213 \$167 4 828 \$8 294 \$3 163 \$170	81 238 \$6 845 \$6 729 \$177 \$1 975 \$8 538 \$8 436 \$175	183 406 \$8 143- \$7 997! \$190! 138 400! \$9 420! \$9 307! \$191!	78 665 \$7 734 \$7 484 \$205 49 150 \$10 161 \$10 003 \$209	17 562 \$10 057 \$9 793 \$256 11 125 \$12 539 \$12 295 \$252	5 152 \$7 085 \$8 630 \$259 1 661 \$12 801 \$12 404 \$258	\$10 035 \$10 035 \$9 578 \$265 149 \$14 016 \$13 550 \$270	74.7	5.5
WEEK IN 1979.  MEAN ANNUAL INCOME.  MEAN ANNUAL EARNINGS.  MEAN WEEKLY EARNINGS.	102 708 \$3 717 \$3 452 \$93	1 452 \$3 796 \$3 613 \$100	1 666 33 911 33 689 3112	25 210 \$2 974 \$2 816 \$84	34 776 \$3 878 \$3 676 \$93	33 912 13 913 \$3 528 \$95	4 032 \$5 012 \$4 552 \$119	1 568 \$4 127 \$3 712 \$103	921 \$5 161 \$5 111 \$132	72.4	5.5
MALES 25 TO 34 YEARS OLD WITH INCOME MEDIAN INCOME MEAN INCOME WITH EARPINGS MEAN ANNUAL INCOME MEAN ANNUAL EARNINGS MEAN WEEKLY EKRIINGS USUALLY WORKED 35 OF MORE HOURS PER	697 584 668 572 \$12 318 \$13 986 649 313 \$14 716 \$13 829 \$296	23 817 20 499 56 623 58 197 17 933 58 922 58 643 \$209	15 606 14 058. 16 306 18 16 18 9 181: 17 244 19 690 19 494 10 258	78 545 72 246 \$9 193 \$10 009 69 313 \$10 309 \$10 103 \$230	215 026 226 (09, \$11 724 \$12 695 270 554 \$12 860 \$12 598 \$268	179 803 173 844 \$12 705 \$14 029 169 468 \$14 211 \$13 762 \$293	94 983 93 255 \$15 604 \$17 594 92 042 \$17 703 \$17 140 \$354	42 845 41 906 \$15 977 \$17 689 41 192 \$17 883 \$17 310 \$366	26 959 26 105 \$18 659 \$23 846 25 567 \$24 123 \$23 339 \$498	83.1	23.6
MEEK.  MEAN ANNIAL INCOME.  MEAN ANNIAL EAUNINGS.  MEAN MEEKLY EFRINGS.  WORKED 6C OR MORE DEFKS IN 1979  MEAN ANNIAL INCOME.  MEAN ANNIAL FARMINGS.  MEAN BEEKLY ERRINGS.  USUALLY WORKED 1 TO 36 HOURS OF B	605 214 \$14 634 \$14 266 \$10 22 \$10 624 \$15 624 \$15 757 \$307	15 770 \$3 999 \$8 791 \$211 11 639 \$10 592 \$10 411 \$714	12 010 \$10 022 \$9 328 \$227 9 429 \$11 433 \$11 314 \$230	63 569 \$10 637 \$10 466 \$238 \$1 158 \$11 905 \$11 765 \$239	209 673 \$13 113- \$12 862' \$273 115 260- \$13 910 \$13 692: \$273	116 771 \$14 698 \$14 241 \$102 137 939 \$15 606 \$15 233 \$304	8/ 159 \$18 056 \$17 595 \$64 80 240 \$18 853 \$18 310 \$365	38 117 \$18 702 \$18 141 \$387 34 315 \$19 801 \$19 249 \$389	23 194' \$25 500 \$24 701 \$527' \$0 644' \$27 532' \$26 722' \$555	86.4	24.5
WEEK IN 1979.  MEAN ARMUAL INCOME.  MEAN ARMUAL FARNINGS.  MEAN WEEKIY EERMINGS.	42 848 98 459 \$7 81A \$166	2 115 58 251 \$7 511 \$140	1 186 56 584 \$6 367 \$151	5 570 \$6 728 \$6 169 \$142	11 431 \$8 373 \$7 960 \$169	12 427 \$8 228 \$7 379 \$162	4 821 \$11 470 \$10 688 \$195	3 005 47 767 \$7 G61 \$131	2 293 \$10 078 \$9 448 \$193	79.3	< 5.6 
MALES 35 TO 44 YEARS OLD  WITH INCOME.  MICIAN INCOME.  MEAN INCOME.  WITH EAPNINGS.  MEAN ANNUAL FACTINGS.  MEAN WLEKLY EAPNINGS.  USUALLY WORNED 35 OR MURE HOURS PER	506 454 489 197 \$16 050 \$19 050 469 894 \$20 174 \$19 \$0 \$44	34 939 32 105 \$8 806 \$10 385 28 578 \$11 138 \$10 829 \$241	70 500 19 700 \$10 721 \$12 102 17 778 \$12 615 \$12 171 \$265	66 355 63 102 \$11 692 \$13 207 60 228 \$13 688 \$13 277 \$286	172 270 167 670 515 583; 517 191 161 773; 517 528; 516 828 5347	97 486 95 551 \$17 486 \$20 134 92 468 \$20 481 \$19 505 \$401	55 357 57 -88 \$12 531 \$27 357 51 389 \$27 725 \$26 753 \$530	12 317 11 273 \$23 795 \$27 173 31 332 \$27 411 \$26 024 \$572	2	75.9	27.4
MEEK.  MEAN ANNUAL INCOME.  MEAN ANNUAL EARNINGS.  MEAN MEEKLY EARNINGS.  WORKED 40 OR MORE LEEKS IN 1979  MEAN ANNUAL INCOME.  MEAN ANNUAL INCOME.  MEAN ANNUAL FARMINGS.  MEAN MEEKLY EARNINGS.  LISUALLY EARNINGS.	445 229 \$70 477; \$19 628; 408; 408 957; \$21 450; \$60 644; \$410	25 667 \$11 490 \$11 194 \$247 21 347 \$12 403 \$12 161 \$245	16 327 \$12 903 \$12 484 \$269, 14 030 \$13 897 \$13 522 \$271	55 933 \$14 046 \$13 644 \$292 48 701 \$14 807 \$18 467 \$289	154 677 \$17 716 \$17 038 \$351 142 295 \$18 395 \$17 772 \$351	88 405 \$:0 597 \$19 665 \$404 81 860 \$21 427 \$20 546 \$405	19 347 527 929 \$26 496 5537 46 773 \$28 496 \$27 218 \$537	29 923 \$27 70* \$26 42: \$547 28 10: \$28 675 \$27 293 \$548	\$35	78.0	23.4
WLEK IN 1979.  MEAN ANKIRL INCOME.  MEAN ANKIRL IARNINGS.  MEAN MEERLY FARNINGS.	23 - 94 \$14 - 662 \$13 - 478 \$271	38 144 \$8 144 \$7 317 \$180	1 194 52 181 \$8 695 \$2021	4 121 \$8 971 \$8 458 \$188	\$13 336 \$12 254' \$251	\$ 925 \$17 977 \$16 137 \$320	\$72 724 \$20 310 \$357	\$19 863 \$17 641 \$164	933 477 4-2 4480	64./ 	19.4,



TABLE 237. INCOME IN 1979 OF PERSONS 18 YEARS AND OVER BY YEARS OF SCHOOL LUMPLETED, AGE, RACE, SPANISH ORIGIN, AND SEX: 1980 - CON.

COATA ARE ESTIMATES HASED ON A SAMPLE; SEE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR DEFINITIONS OF JERMS, SEE APPENDINGS A PAGE 1

PLECENT PROCESS OF A PAGE 1

PLECENT PLACENT PLACE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR PLACE INTRODUCTION. FOR PLACE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR PLACE INTRODUCTION. FOR MEANING OF SYMBOLS, SEE INTRODUCT ·LOSIOA TOTAL 3 918 659 774 1653 3 144 674 539 378 708 560 479 599 418 309 215 770 255 199 961 151 099 57 375 34 090 13 670 13 670 13 054 77 009-3 719 3 790 2 715-3 591-2 955-2 955-2 955-2 450-2 431-3 688-5 350-1 565 070 33J 195' 1 234 965-197 833; 245 797-195 290 192 387 145 212, 94 371; 76 310; 11 5 c 2 2 10 1 4 8 76 2 7 8 7 6 1 5 7 5 6 5 8 0 3 5 10 7 7 3 684 795 115 303 529 492 55 951 74 427 78 402 76 194 68 428 332 419 64 882 267 537 64 409 110 116 42 337 262 501; 49 278, 213 223; 44 654; 78 759; 2c7 407 49 590 227 812 24 563 27 321 23 577 :7,9 c4.5 c8.7 57.0 53.5 64.5 72.5 nc3 041 160 940 507 101 111 952 140 607 87 124 67 461 37 166 71 112 15 760 9 421 4 165 2 552 1 689 1 292 ٠٠. ٢ ١٠. ٢ 11.4 5.5° 39 683 22 763 11 391 6 014 23 257 25 226 25 647 34,000 10 \$7,999 ... \$1,000 10 \$17,999 ... \$1,000 10 \$11,599 ... \$12,010 10 \$14,999 ... \$15,000 10 \$14,999 ... \$25,000 10 \$24,999 ... \$25,000 10 \$24,999 ... \$25,000 10 \$49,999 ... \$35,000 10 \$49,999 ... \$35,000 10 \$49,999 ... \$35,000 0 \$6,000 ... \$1,000 867 68 428 80.7 85.4 88.1 91.2 87.5 87.6 85.2 085 74 371; 76 330; 49 959 17 878; 10 98; 4 481 4 445; 30 673 13 363 8 260 3 718 3 251 30 462 26 169 9 109 5 130 2 196 1 975 16 221 18 197 7 563 3 325 996 551 4 340 2 818 503 1 0551 9041 4251 417 345; 014; 715; 667; . 4.51 \$> 779 \$6 929 \$5 976 \$5 304 . .i \$5 328 \$6 978 \$.º 977 \$4 156 \$3 518 \$4 700 19 220 10 361 \$6 655 \$8 115 111 762 112 208 \$11 2950 \$13 552 WITH EARNINGS.

MEAN ANNIAL INCUME.

MEAN ANNIAL ARRIVAGS.

MEAN VIENLY EARNINGS.

USUALLY ECRNED 35 OR MORE HOURS PER 1 992 719 57 964 \$7 238 \$180 281 271 \$6 009 \$5 442 \$146 429 196 59 143 \$1 612 \$188 73 8811 515 151 513 822 5552 86 114 \$5 949 \$5 208 \$134 63 741 56 204 \$5 245 \$140 867 665 \$7 583 \$6 958 \$170 165 639 \$10 765 \$21 \$2 \$240 74 212 \$17 764 \$11 577 \$283 78.4 : 1, 1, • • • ... ٠. USUALLY ECRALD 35 CR MORE HOURS PER
WEEK.
MEAN ANNIAL INCOME.
MEAN ANNIAL EARNINGS.
MEAN WIFKLY EARNINGS.
MORRED 4G ON MOYE MEEKS IN 1979
MEAN ANNUAL INCOME.
MEAN ANNUAL INCOME.
MEAN MEEKLY EARNINGS.
USUALLY MORED 1 TO 34 HOURS PER
MEEK.
MEAN ANNUAL INCOME.
MEAN ANNUAL EARNINGS.
MEAN ANNUAL EARNINGS. 1 455 360 \$9 015 \$8 450 \$209 1 092 261 \$10 344 \$9 850 \$208 41 880 \$6 858 \$6 234 \$163 28 615 \$8 060 \$7 564 \$159 191 473 \$6 906 \$6 426 \$169 169 546 \$8 350 \$7 988 127 738 511 827 511 093 \$276 95 933 \$13 043 \$12 368 \$268 58 496 58 698 308 755 58 468 19 018 18 646 79.9 14.1 \$6 592 \$6 082 \$155 40 886 \$7 634 \$7 256 \$152 \$9 50) \$8 983 \$218 737 381 \$10 972 \$10 434 \$718 \$13 974 \$13 023 \$13 023 \$13 023 \$15 178 \$15 178 \$14 310 \$322 \$16 8545 \$15 6485 \$3835 \$14 627 \$18 6134 \$17 538-\$1835 • • • • \$194 500 638 \$9 710 \$9 294 \$194 14.2 31.8 • • • 516 153 \$4 887 \$3 799 \$93 20 243 \$4 654 \$3 237 26 122 \$4 387 \$3 250 86 164 \$4 037 \$3 137 2\*0 852 \$4 611 \$5 692 116 765 \$5 054 \$3 956 \$97 15 828 16 702 55 617 14 322 \$7 752 \$5 653 \$115 \$ 912 59 357 \$5 955 \$149 74.3 1.1.9 ... .... \$82 \$841 \$83 \$90 MEAN WEEKLY EARNINGS.

STRAIFS 18 TO 24 YEARS OLD

WITH INCOME.

MEDITAN INCOME.

MEAN INCOME.

MEAN ANNUAL INCOME.

MEAN ANNUAL INCOME.

MEAN ANNUAL INCOME.

MEAN MEEKLY FANNINGS.

USUALLY WORED 35 OR MORE HOURS PER

MEEK.

MEAN ANNUAL INCOME.

MEAN ANNUAL EARNINGS.

MURKED 40 OR MORE MERS IN 1979

MEAN ANNUAL EARNINGS.

MEAN MEEKLY EARNINGS.

USUALLY WORKED 170 34 HOURS PER

MEEK NANUAL EARNINGS.

MEAN MEEKLY EARNINGS.

USUALLY MORKED 170 34 HOURS PER

MEEN ANNUAL EARNINGS.

MEEN ANNUAL EARNINGS.

MEEN ANNUAL EARNINGS.

MEEN ANNUAL EARNINGS.

MEEN ANNUAL EARNINGS. 570 3281 465 829 \$4 246 \$4 900 438 058 \$5 060 \$4 866 \$135 9 702 6 630 \$2 543 \$3 545 4 423 \$4 048 \$3 772 106 723 74 167 12 570 53 390 64 767 53 598 53 421 \$114 148 3V5 123 440 54 434 \$5 170 122 870 55 264 54 548 \$138 26 471 24 711 \$6 708 \$7 119 14 208 \$7 220 \$5 957 \$184 4 554 - 354 56 070 57 156 - 3 894 57 662 \$5 763 - \$188 26% 363 221 930 \$4 790 \$5 039 212 682 \$5 157 \$ . \$' \$ . \$ 27.9 81.5 2 775 G. 5775 6 163 52 437 53 134 4 944 53 445 \$3 257 36 556 37 194 . . . · . • . \$9 765° \$9 826 \$219 · 1. i 6.5 • • • \$5 012 \$132 \$119 \$116 299 413 \$6 004 \$5 852 \$161 190 350 \$7 613 \$7 509 3 231 \$4 656 \$4 350 \$136 1 678 \$6 335 \$6 264 29 663 \$4 405 \$4 241 \$139 18 789 \$6 342 \$6 248 154 872 \$5 989 \$5 869 \$153 105 865 \$7 312 \$7 231, 18 688 \$8 072 \$7 869 \$214 11 619 \$10 008 \$9 826 3 531 \$3 857 \$5 718 \$129 1 428 76 %40 76 421 %6 231 %172 49 268 %8 152 2 693 \$3 259 \$6 021 \$233 1 570 \$10 842 \$10 679 1956 \$11 093 84.5 ٠. ٢ ••• . . . ; \$735 .... 1 428 \$5 978 \$5 849 88.5 \$13 765 \$13 449 \$288 23 014 \$161 \$136 \$124 \$154 \$172 \$233 . . . . . . , 1 382 \$2 427 \$2 145 \$79 137 474 \$2 984 \$2 706 \$76 1 179 \$2 383 \$2 075 \$68 24 727 52 324 52 125 572 57 379 \$2 916 \$2 708 \$73 46 013 \$5 252 \$2 615 \$79 \$ 484 \$4 338 \$3 666 \$93 1 195 \$4 401 \$5 763 \$100 251 55 5491 \$4 781 83.2 4.91 ••• \$ 1.11 FEMALES 25 TO 36 YEARS OLD ...
WITH INCOME...
MEDIAN INCOME...
MENI TACOME...
MITH EARNINGS...
MEAN ANIJAL INCOME...
MEAN ANIJAL INCOME...
MEAN ANIJAL EARLINGS...
MEAN EARLY EARNINGS...
MENINGERLY EARNINGS...
MISUALLY WORKED 35 GR MORE HOURS PER WEEK. 716 840 568 963 \$7 231 \$7 834 510 318 \$8 161 \$7 823 20 315 13 781 \$3 715 \$4 820 10 038 \$5 705 \$5 320 \$143 14 886 10 626 \$3 799 \$4 500 8 269 \$5 148 \$4 731 300 573 213 219 \$6 833 \$7 227 219 276 \$7 482 \$7 190 86 045 61 729 \$4 586 \$5 285 53 103 \$5 691 \$5 339 170 156 100 777 50 093 57 385 134 567 50 576 52 712 2 929 11 154 \$13 128 \$10 206 28 619 \$13 764 \$10 014 3 1751 7 759 511 055 511 010 6 491 511 917 511 449 33 761 50 386 511 450 511 165 57 505 511 397 85.1 84.9 . . . . . 26.5 . . . . . ...: \$10 899 \$190 \$195 \$13-\$144 \$173 \$218 \$263 5. 61 ISUALLY WORKED 35 GR MORE HOURS PER MERK.

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MEAN ANNUAL EARNINGS.

USUALLY MORKED 1 TO 34 MOURS PER MERK IN 1979.

MEAN ANNUAL INCOME.

MEAN ANNUAL EARNINGS.

MEAN ANNUAL EARNINGS. 100 258 59 252 59 252 55 C55 510 752 510 614 5217 \$ \$40 \$1\$ 153 \$15 153 \$15 153 \$15 153 \$15 153 \$15 153 422 481 59 073 \$6 758 \$213 322 153 510 356 \$10 082 7 826 \$6 111 \$5 795 \$155 5 174 \$7 298 \$7 029 \$152 6 063 \$5 (65) \$5 410 \$149 3 686 \$7 264 \$7 059 39 670 \$6 363 \$6 055 \$162 .5 511 \$7 971 \$7 744 175 881 \$5 275' \$. 985 \$191 156 116 \$9 259 \$102' 15 755 511 447 511 117 5269 43 925 512 416 512 111 74 703 512 485 \$10 015 5704 18 708 518 412 \$13 261 \$25 . . . . . . . . . 8.3 ... .... \$192 \$212 \$147 \$163 2 127 \$3 975 \$3 385 \$89 2 155 \$5 450 \$2 852-\$86 12 784 \$4 245 \$5 912 \$94 106 195 \$4 557 \$4 138 \$99 13 144 \$3 674 \$3 210 \$88 27 419 54 882 \$4 472 \$107 12 274 51 431 54 604 5108 4 740 \$5 728 \$4 931 1 613 55 531 57 77 5 5 31 ٠., 81.6 ... 555 FEMALES 35 TO 44 YEARS OLD ...
WITH INCOME.
MEDIAN INCOME.
MEAN INCOME.
WITH EARNINGS.
MEAN ANGUAL INCOME.
MEAN ANGUAL EARNINGS.
MEAN WIEKLY EARNINGS.
USUALLY WORKED 35 OR MORE HOURS PER WEEK. 535 065 404 980 \$7 117 38 394 368 845 58 815 \$8 246 \$195 19 997 13 499 \$4 833 \$5 647 11 189 \$6 184 \$5 813 \$147 35 563 61 248 \$5 413 \$6 212 53 930 \$6 616 \$6 200 \$151 237 856 176 225 87 163. 87 992 105 813 88 304 87 822 8182 97 203 71 225 13 494 59 473 73 677 59 876 59 086 \$210 \$1 40° \$10 463 \$13 86° \$13 86° \$13 60° \$10 313 29 036 19 873 · ( , ( .: ] 14 447 \$5 391 15 362 \$6 187 \$5 837 \$146 . . . . . 23.2 . . . . . 5:43 : 1 \$251 USUALLY WORKED 35 OF MORE HOURS PER WEEK.

MEAN ANNUAL INCOME.

MEAN MEEKLY EARNINGS.

WORKED 40 OR MORE WEEKS IN 1979.

MEAN ARHUAL INCOME.

MIAN ARHUAL INCOME.

MIAN ARHUAL INCOME.

MIAN WEEKLY EARNINGS.

USUALLY WORKED 1 10 34 HOURS PER WEEK IN 1979.

MEAN ARHUAL INCOME.

MEAN ARHUAL INCOME. 11 925 \$6 771 \$6 482 \$162 \$ 554 \$7 888 \$7 433 \$162 40 730 \$7 392 \$7 027 \$172 30 404 \$8 521 \$8 209 \$172 126 193 57 196 58 926 5207 103 246 \$10 395 \$9 951 7 972 \$12 883 \$12 104 \$269 \$7 581 \$13 970 \$14 374 \$2,11 283 443 \$9 942 \$9 415 \$223 \$4 505 \$10 978 \$10 319 \$238 \$5 098 \$12 038 \$11 0.5 13 7c. 514 57 \$15 167 514 70 515 041 514 707 8 253 \$7 000 . 8.5 - • • 8 • • • \$6 AAZ' \$171i 225 674 \$11 050 \$10 565 5 8 30° 5 8 30° 5 3 321 5 4 046 2170 . 1. 2 . . \$2.3 . ••! \$ 000 84 142 \$5 001 \$4 313 \$99 3 367 \$4 140 \$3 578 \$88 \* 493 \$6 000 \$4 805 \$111 37 140 \$4 548 \$4 087 \$947 2 858 \$3 891 \$5 447 \$83 12 968 54 174 \$3 612 \$85 15 899 \$5 721 74 825 \$110 \$ 21. \$1 087 \$5 9 8 \$114 . . .



TABLE 237. INCOME IN 1979 OF PERSONS 18 YEARS AND OVER BY YEARS OF SCHOOL COMPLETED, AGE, RACE, SPANISH ORIGIN, AND SEX: 1980 - CON.

TROLE EST. INCOME SHI 1919 OF 12 3349	DATA ARE EST	STIMATES BASED ON A SAMPLE; SEE INTRODUCTION. DVS OF TERMS, SEE APPENDIAES A AND BI			FOR MEANING OF SYMBOLS, SEE INTRODUCTION. FOR						
FLORIDA	VEL VIEL CO.	ELEMENT	i	HIGH SCH	1		COLF	EGE		PERCE NIGH	4.00
	TOTAL	0 TO 7 YEARS	8.	1 10 3 VEARS	YEARS	1 TO 3 YEARS	YEAR\$	5 AND 6 YEARS	7 OR MORE YEARS	SCHOOL M GRADUATES	COLFEEL OVE AND
TOTAL			i								
FEMALES 45 TO 54 YEARS OLD  WITH INCOME  MEDIAN INCOME  MEAN INCOME  WITH EARNINGS  MEAN ANNUAL INCOME  MEAN ANNUAL EARNINGS  USUALLY WAYED 35 CR MCZE -1.93 ZER	373 848/ 86 885 98 489/ 315 490/ \$9 126/ \$8 351/ \$195/	46 683 31 059 84 171 85 057 22 050 85 998 85 665 \$138	28 302 18 881 84 839 85 785 14 760 86 430 86 034 8145	93 874 63 012 \$5 509 \$6 499 51 757 \$7 138 \$6 640 \$158	218 231 155 419 57 228 58 226 135 643 58 700 58 053 \$185	77 418 59 656 \$3 664 \$10 246 50 959 \$10 654 \$9 489 \$218	32 617 25 998 \$10 849 \$11 960 22 364 \$12 498 \$11 045 \$262	15 705 14 182 \$14 605 \$14 504 12 803 \$14 982 \$13 553 \$319	6 333 5 641 \$14 692 \$16 179 5 124 \$17 030 \$15 665 \$362	67.7 69.8  71.9	10.4
SECEL.  NIAN ANNUAL INCOME.  PLAN ANNUAL EARNINGS.  MEAN WEEKLY EARNINGS.  WORKED 4U OR MORE WILLS IN 1977 . I  MEAN ANNUAL INCOME.  NEAN ANNUAL INCOME.  NEAN ANNUAL EARNINGS.  WISJALLY WORKED 1 70 5 M MCCPS PER	242 170 \$10 161 \$9 485 \$222 197 126 \$11 153 \$10 541	1.5 677 3.5 706 \$6.448 \$155 12.667 \$7.687 \$7.426 \$153	13 752 51 212 \$6 916 \$106 8 507 \$5 039 \$7 741 \$161	38 110 \$8 076 \$7 619 \$181 30 084 \$9 060 \$8 672 \$181	105 135; 37 707; 89 136; \$210; 87 380; \$10 620; \$10 140; \$210;	17 C39 \$11 655 \$10 746 \$246 32 887 \$12 691 \$11 833 \$246	17 291 \$13 626 \$12 410 \$302 13 599 \$14 746 \$13 508 \$293	10 555 \$16 110 \$14 779 \$371 8 416 \$17 130 \$15 774 \$363	4 2811 \$18 115 \$10 886 \$405 3 526 \$19 773 \$18 452 \$408	•••	13.2
WEEK IN 1979	\$5 562 \$4 520	5 261 \$3 612 \$3 238 \$79	3 737 \$3 839 \$3 374 \$30	13 209 \$4 367 \$3 776 \$87	29 796 \$5 102 \$4 236 \$94	11 531 \$7 217 \$5 342 \$120	4 905 \$8 342 \$6 342 \$133	2 143 \$9 656 \$7 806 \$137	811 \$11 513 \$9 312 \$173	68.9 	11.0
FEMALES 55 TO 66 YEARS 0.0  WITH INCOME	456 875 \$5 265 \$7 365 247 913 \$9 262	64 163 47 165 \$2 981 \$4 311 22 093 \$5 110 \$5 394 \$134	45 191 32 071 \$3 593 \$4 833 14 869 \$6 595 \$3 644 \$143	114 757 80 600 \$4 136 \$5 621 41 584 \$7 318 \$6 272 \$155	262 374 188 100: \$5 757 \$7 431 106 140 \$9 233; \$7 865; \$189	82 047 63 195 \$7 347 \$9 361 36 668 \$10 852 \$9 009 \$215	32 294 25 901 59 573 \$11 956 14 621 \$13 452 \$10 646 \$271	13 977 12 544 \$12 515 \$13 292 8 152 \$15 35; \$12 549 \$320	6 019 5 296 \$11 490 \$13 750 3 786 \$15 558 \$13 248 \$319	63.9 64.9  68.3	10.7
USUALLY WORKED 35 OF MORE HOURS PER WEEK.  MEAN ANNUAL INCOME.  MEAN ANNUAL EARNINGS.  MEAN WESKLY EARNINGS.  WORKED 40 OR MORE WEEKS IN 1979  MEAN ANNUAL INCOME.  MEAN ANNUAL INCOME.  MEAN ANNUAL EARNINGS.	\$10 430 \$9 253 \$225 135 021 \$11 383 \$10 425	14 482 \$6 792 \$5 218 \$154 10 377 \$7 628 \$7 206 \$150	9 670 \$1 529 \$6 841. \$172; 7 696 \$8 266 \$7 723 \$164	27 681 \$8 293 \$7 442 \$184 21 284 \$9 173 \$8 510 \$182	75 213 \$10 379 \$9 260 \$221 60 248, \$11 349 \$10 461, \$219	26 562 \$11 974 \$10 513 \$246 21 533 \$13 006 \$11 747 \$244	10 264 \$14 775 \$12 613 \$321 7 723 \$15 665 \$15 672 \$302	6 087 \$16 753 \$14 440 \$376 4 404 \$17 750 \$15 955 \$360	3 029 \$16 918 \$14 963 \$375 2 355 \$17 621 \$16 201	71.3	10.5
U'UALLY WORKED 1 10 34 HOURS PER WEEK 1'1 1079		7 310 \$4 723 \$3 761 \$90	\$ 861 \$ 765 \$ 443 \$ 83	13 127 \$5 264 \$3 396 \$90	28 722 \$6 153 <sub>1</sub> \$4 327: \$98	9 400 \$7 202 \$4 670 \$109	3 878 \$9 469 \$5 697 \$129	, 852 \$11 072 \$6 994 \$151	718 \$8 744 \$5 446 \$107	63.8	9.8
FLMALES 60 TO 64 YEARS OLD WITH INCOME MEDIAN INCOME MEAN INCOME WITH EARNINGS MEAN ANNUAL HACOME MEAN ANNUAL EARNINGS USUALLY WORKED 35 OR MORE HOURS PER	315 082 247 431, \$4 463 \$6 747 102 747, \$9 248 \$7 372 \$187,	34 026 26 614 \$2 810 \$6 075 10 053 \$6 404 \$5 442 \$138	26 219 20 117 \$3 188 \$4 430 7 170 \$6 573 \$3 305 \$140	60 147 45 836 \$3 642 \$5 173 17 819 \$2 385 \$5 934 \$151	129 621- 100 587: \$4 891 \$6 707 42 213: \$9 291 \$7 415: \$186	38 687 31 546 \$6 534 \$8 807 14 428 \$10 879 \$8 734 \$214	16 249 13 515 \$8 505 \$11 616 5 943 \$13 470 \$v 960 \$270	7 214 6 598 \$11 607 \$12 834 3 496 \$15 639 \$11 721 \$316	2 915 2 618 \$9 888 \$12 443 1 625 \$14 261 \$12 142 \$306	65.9	10.8
WEEK.  MEAN ANNUAL INCOME.  MEAN ANNUAL EARNINGS.  MIAN WEEKLY EARNINGS.  WORKED 40 OR MORE WEEKS IN 1979.  MEAN ANNUAL INCOME.  MEAN ANNUAL INCOME.  MEAN ANNUAL INCOME.  WEAN ANNUAL EARNINGS.  USHALY YORKED 1 TO 14 HOURS PER	\$10 309	6 054 \$6 984 \$6 208 \$158 4 186 \$7 814 \$7 300 \$154	4 262 \$7 769 \$6 828 \$179 3 0:8 \$3 435 \$7 747 \$169	10 955 \$8 344 \$7 233 \$184 \$ 168 \$9 136 \$8 344 \$181	27 737; \$10 479; \$9 024; \$224; 21 143; \$11 538; \$10 441; \$222;	9 858 \$12 079 \$10 415 \$250 7 800 \$13 061 \$11 771 \$246	3 818 \$14 830 \$12 267 \$325 2 653 \$15 946 \$13 559 \$304	2 372 \$17 176 \$13 910 \$368 1 656 \$18 089 \$15 377 \$345	1 219 \$15 984 \$14 170 \$358 905 \$17 130 \$15 800 \$353	68.9	10.5
MEER IN 1979	35 500 \$6 686. \$4 258 \$101	3 834 \$5 562 \$4 529 \$104	2 665 \$4 713 \$3 151 \$77	6 419 \$5 691 \$3 769 \$70	13 210 \$6 695 \$4 150 \$96	4 183 \$7 473 \$4 540 \$107	1 831 \$10 208 \$5 706 \$137	977 \$12 222 37 195 \$176	381 \$8 449 \$5 721 \$135	• • •	2.SI
FEMALES 65 YEARS OLD AND CVER.  WITH INC ME.  METIAN INCOME.  MEAN INCOME.  WITH EARN, NO.  MEAN ANNUAL INCOME.  MEAN ANNUAL INCOME.  MEAN MERKLY EARNINGS.	876 197 33 837 36 027 92 09% \$10 126 \$5 745;	164 520 149 629 \$2 824 \$3 719 12 118 \$6 151 \$3 672 \$107	144 350 111 981 \$3 351 \$4 507 9 710 \$7 594 \$1 229 \$131	176 0 '9 161 345 \$3 685 \$5 222 16 130 \$9 117 \$5 385 \$161	286 663 260 074 \$4 246 \$6 417 30 161 \$10 640 \$6 188, \$166	109 5'9 101 192 \$5 334 \$8 424 13 495 \$12 421 \$6 614 \$209	50 705 45 647 \$7 315 \$10 173 \$10 200 \$14 267 \$7 464 \$257	18 048 17 079 \$9 390 \$11 975 2 795 \$15 096 \$7 745 \$267	8 757 8 252 \$7 369 \$10 513 1 486 \$16 445 \$8 634	47.4  58.8 	8.2:
USUALLY SUPKED 35 OR MORE HOURS O'R WEEK.  MEAN ANNUAL INCOME.  MEAN MEKLY EARNINGS.  WORKED 40 OR MODE WEEK? IN 1979  MEAN ANNUAL INCOME.  MEAN ANNUAL EARNINGS.  MEAN MEKLY EARNINGS.	\$11 640. \$8 005 \$224 21 937 \$12 895 \$9 660	4 327 \$7 071 \$4 898 \$141 2 436 \$3 105 \$6 255 \$135	3 401' \$8 263 \$5 352 \$156 2 008' \$9 611. \$6 984 \$152.	5 619 \$10 102 \$7 025 \$201 3 474 \$10 815 \$8 146 \$177	12 088. \$12 193 \$8 534; \$232; 7 782; \$13 753 \$10 652 \$225;	5 306 \$14 393 \$9 763 \$264 3 559 \$14 516 \$10 483 \$221	2 308 \$14 544 \$9 929 \$235 1 486 \$16 425 \$11 923 \$261	1 166 \$17 721 \$12 55A \$340 785 \$18 366 \$14 054 \$308	690 \$18 585 \$11 632 \$344 407 \$21 511 \$13 472 \$304	67.9	11.0 12.0 12.0
USJALLY WORKED 1 TO 34 HOURS PER WEEK IN 1979	47 080 \$7 983 \$1 426	6 878 \$5 214 \$2 717 \$10	5 750 55 650 53 780 583	8 489 \$6 805 \$3 077 \$31	15 030. \$8 2-8 \$3 555 \$.95.	6 412 \$10 037 \$3 829 \$106	2 734 \$12 217 \$4 673 \$128	1 183 \$12 106 \$3 492 \$109	599 \$12 985 \$4 753 \$133		9.5  

TABLE 24.12. ECONOMIC INDICATORS: SPECIFIED INDICATORS OF THE FLORIDA ECONOMY JANUARY 1974 THROUGH MAY 1985 (CONTINUED)

(NOT ADJUSTED FOR SEASONAL VARIATION)

		NONFARM				RONFARM	
		WAGE AND	SALES			WAGE AND	SALES
	UNEH-	SALARY	AND		UNEM-	SALARY	AND
	PLOY-	EMPLOY-	USE TAX		PLOY-	EMPLOY-	USE TAX
ноитн	MENT	MENT 1/	COLLEC-	MONTH	MENT	MENT 1/	COLLEC-
AND YEAR	RATE	(1,000)	TIONS 2/	AND YEAR	RATE	(1,000)	TIONS 2/
MID ILM	KATE	(1,000)	110113 27	MID TEM	IOILE	(1,000)	11000 27
1980				1983			
JANUARY	5.7	3,415.5	220.0	JANUARY	10.4	3,680.7	371.7
FEBRUARY	5.1	3,450.9	188.9	FEBRUARY	9.5	3,707.1	287.0
MARCH	4.9	3,478.6	195.1	MARCH	8.9	3,745.7	295.4
APRIL	4.8	3,461.4	216.9	AFRUL	8.4	3,761.2	356.2
MAY	5.3	3,450.8	198.5	MAY	8.7	3,764.4	318.0
JUNE	6.6	3,445.9	189.4	JUNE	8.8	3,776.4	315.5
JULY	7.6	3,334.2	195.4	JULY	8.2	3,682.5	328.2
AUGUST	6.3	3,300.7	189.4	AUGUST	8.2	3,694.8	313.0
SEPTEMBER	6.8	3,446.7	190.7	SEPTEMBER	8.1	3,816.8	314.7
OCTOBER	6.8	3,482.7	194.8	OCTOBER	8,6	3,857.3	322.0
NOVEMBER	5.5	3,521.5	203.3	NOVEMBER	8.1	3,907.3	438.8
DECEMBER	5.0	3,578.2	179.0	DECEMBER	7.5	3,964.6	374.7
1981				1984		,	
JANUARY	6.4	3,584.6	260.7	JANUARY	7.4	3,974.1	385.7
FEBRUARY	6.3	3,605.7	203.3	FEBRUARY	6.1	4,006.6	338.9
MARCH	6.5	3,639.5	212.9	MARCH	5.4	4,064.8	377.B
APRIL	5.4	3,639.6	247.7	APRIL	3.7	4,061.9	402.2
MAY	6.7	3,631.9	227.4	MAY	6.1	4,073.1	378.8
JUNE	6.4	3,637.1	219.6	JUNE.	6.6	4,084.2	384.5
JULY	6.5	3,508.0	231.5	JULY	6.8	3,968.4	370.1
AUGUST	6.7	3,514.6	218.0	AUGUST	6.2	4,011.5	358.7
SEPTEMBER	8.1	3,593.4	220.2	SEPTEMBER	6.2	4,112.9	358.3
OCTOBER	7.9	3,611.5	219.9	OCTOBER	7.0	4,127.0	362.6
NOVEMBER	7.6	3,630.5	214.1	NOVEMBER	6.2	4,186.5	372.4
DECEMBER	7.3	3,668.8	216.5	DECEMBER	6.1	4,237.5	408.7
1982		•		1985		·	
JANUARY	7.7	3,646.5	277.1	JANUARY	6.5	(NA)	418.5
FEBRUARY	7.1	3,663.4	213.7	FEBRUARY	5.8	(NA)	381.1
MARCH	8.6	3,689.5	220.9	MARCH	5.9	(NA)	400.1
APRIL	7.9	3,674.1	262.6	APRII.	(NA)	(NA)	435.3
MAY	7.3	3,655.6	250.6	MAY	(NA)	(NA)	409.4
JUNE	7.7	3,643.8	262.1				
JULY	1.5	3,506.5	283.9				
AUGUST	7.8	3,511.6	265.1				
SEPTEMBER	8.2	3,594.1	270.8				
OCTOBER	9.2	3,616.6	278.9				
NOVEMBER	9.5	3,649.7	270.6				
DECEMBER	9.5	3,700.0	278.7				
		-					

<sup>(</sup>NA) NOT AVAILABLE.

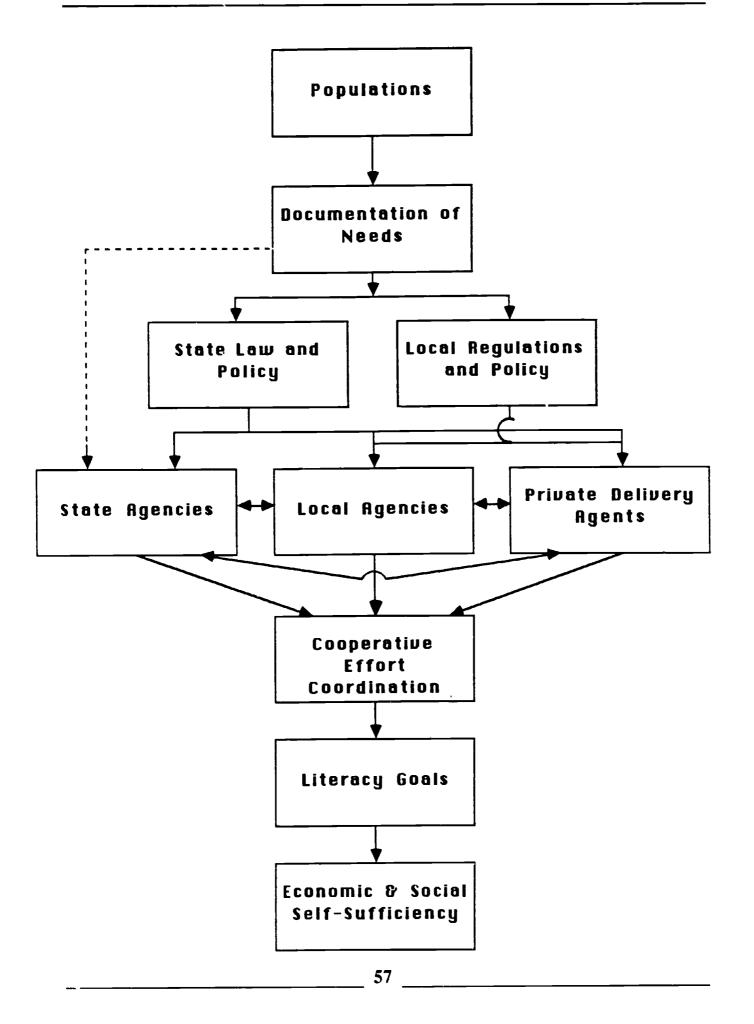
FLORIDA STATISTICAL ABSTRACT 1985



<sup>1/</sup> DATA ARE FOR EMPLOYMENT COVERED BY USEMPLOYMENT COMPENSATION.
2/ DATA ARE IN MILLIONS OF DOLLARS.
SOURCE: UNIVERSITY OF FLORIDA, BUREAU OF ECONOMIC AND BUSINESS RESEARCH, BEBR DATA BASE. DATA ARE FROM STATE OF FLORIDA, DEPARTMENT OF LABOR AND EMPLOYMENT SECURITY AND DEPARTMENT OF REVENUE.

APPENDIX B: Flow of Literacy Training Services	
55	







APPENDIX C: Mandatory Components of Local Literacy Plan			
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	59		



#### Mandatory Components of Local Literacy Plan\_\_\_\_

#### 228.0713(3)(e), F.S.

- 1. Utilization and training of volunteer instructors as part of an overall volunteer literacy program
- 2. Interagency and intraagency cooperation and coordination through meaningful local working agreements
- 3. Coordination of efforts with public libraries and other local sponsors of literacy programs
- 4. Progress toward more individualized literacy instruction by reducing class size
- 5. Program-evaluation criteria and procedures
- 6. Identification, recruitment, and retention of adults lacking basic and functional literacy skills
- 7. Prevention of adult illiteracy through programs designed to help parents learn the techniques and skills they require to assist in their children's educational development



APPENDIX D: Excerpts from HRS Project Independ	ence
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	63



### **Project Independence**



## INDEPENDENCE DAY THE DAY YOU TRADE YOUR WELFARE CHECK FOR A PAYCHECK



#### I. Project Independence--What Is It?

- Project Independence is a commitment to move welfare recipients from dependence to independence. The project will provide 28,000 people with a paycheck instead of a welfare check in FY 87-88. That is a 30 percent increase over last year. The target number is 30,000 people in FY 88-89.
- Project Independence will draw resources from the Job Training Partnership Act, the Department of Education, the Department of Health and Rehabilitative Services, and the Department of Labor and Employment Security in an allied effort to overcome the barriers of poor education, inadequate skills for seeking and keeping jobs, the absence of marketable skills, and lack of support services such as child care and medical care (needed before training or employment activities can be undertaken).
- The project is a commitment to the private sector to divert welfare checks and provide federal and state tax credits to employers who provide training and work experience needed by welfare recipients.
- The project is a partnership with private industries to identify labor workforce needs and to train welfare recipients for the jobs available.
- Project Independence will redirect public assistance for the poor from a welfare-agency concept to an employment-agency concept. Any job is better than hopeless and helpless welfare dependency--there are no promotions in welfare.
- All welfare recipients not mandated to participate in Project Independence will be encouraged to volunteer for the program,
- Project Independence is a commitment to the taxpayer to engage 100,000 welfare clients in education, training, and employment activities in 1987-88 at a cost of \$21.5 million. The return will be secure employment for at least 28,000, which represents a savings to taxpayers of \$47.5 million.
- Project Independence will help 118,000 people to secure jobs over the next four years, thus avoiding welfare expenditures of \$43 million at an investment cost of less than \$90 million.

#### II. Facts About Florida's Welfare Program

- More than 290,000 Floridians in 104,000 households receive Aid to Families with Dependent Children (AFDC).
- More than 228,000 households receive food stamps.



- AFDC payments totaled 290 million in 1986. Including food stamps and Medicaid, Florida pays \$1.9 billion for its welfare programs.
- Florida's adult AFDC population is 98 percent female; 71 percent of all AFDC recipients are minorities.
- Sixty percent of all Florida's AFDC recipients had their first child as teenagers.
- The average AFDC mother has two children; 50 percent of these children are under age ten; 28 percent are under age five.
- Sixty percent of AFDC recipients lack a high school education.
- Eighty percent of women awarded child support receive less than 50 percent of the full amount; 25 percent receive no support.

#### III. Support Services to Build a Bridge to Economic Self-Sufficiency

#### **Education and Training**

- The road to employment begins with a thorough assessment of the client. Personal, educational, and vocational work readiness is determined, and an employment plan that builds on existing strengths is developed. Clients are actively involved in assessment and plan development.
- Each client's plan is *reviewed* periodically by employment and training staff for progress. All activities are monitored to ensure that the client is benefiting.
- Welfare clients who need help completing their basic education get an opportunity to receive remedial education or to prepare for the high school equivalency test (GED).

#### Day Care and Transportation

• Day-care services and other essential *support services* such as transportation, uniforms, tools, and books will be provided to Project Independence clients.

#### Health Care

- Health care for welfare recipients and their children must be provided if they are to become self-sufficient.
- Project Independence will work with the Florida Small Business Health Access Corporation to organize small-business employers and their employees (Project Independence graduates) to create groups for the purpose of securing affordable health insurance.



• Some Project Independence clients will receive health care through Florida's primary health-care system funded through the Health Care Access Act. Eligible pregnant women and children will receive health-care benefits through the Medicaid program.

#### **Public Information**

• A public information campaign will provide the people of Florida with information about Project Independence, explaining how the public can benefit and participate.

#### Client Peer Groups

• Informal client peer groups will be established for Project Independence to help participants share their experient and learn from each other.

#### IV. Legislative Action to Implement Project Independence

- Project Independence can begin with legislative approval of the Governor's budget; no statutory change is no. essary. A summary of the Covernor's budget is attached.
- HRS will seek a waiver from the U. S. Department of Health and Human Services to require teenage welfare recipients/parents to remain in school and obtain their high school diploma or GED as a condition of continued receipt of welfare.
- HRS will seek a federal waiver of existing AFDC and child-support-enforcement regulations that exempt the absent parent from participation in employment and training programs. Florida will propose that such participation become part of court-ordered support provisions.
- HRS recently obtained a federal waiver regarding the mandatory participation of women; now women whose youngest child is three, rather than six, are required to participate in Project Independence. As a result, 22,000 more people will be required to participate.

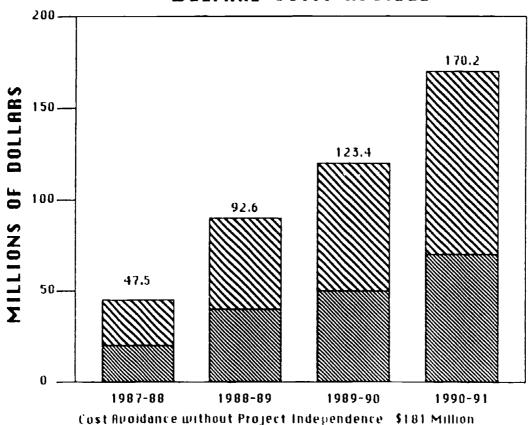
#### V. Project Independence and the Future

- To ensure the availability of jobs for Project Independence clients, the Florida Department of Commerce will investigate the feasibility of creating a public corporation to assist in the creation of small businesses or the provision of loans to existing businesses that agree to provide jobs to welfare clients.
- HRS will examine the feasibility of providing loans or grants to enable selected welfare clients to go into business for themselves.



- HRS will seek federal approval to provide higher welfare payments to those engaged in Project Independence, thereby rewarding those willing to help themselves.
- Governor Martinez will appoint a group of distinguished business and education leaders to advise him on Project Independence.
- HRS will seek federal waivers to simplify and streamline the eligibility and administrative requirements of public-assistance programs.
- Labor and Employment Security will provide increased Job Service placement services to welfare clients through its ninety locations statewide.
- Labor and Employment Security will work toward removing barriers in federal job-training programs that preclude full participation by welfare recipients.

# PROJECT INDEPENDENCE WELFARE COSTS AVOIDED



Cost Avoidance with Project Independence \$262 Million
TOTAL 4-YEAR COSTS AVOIDED:\$443 MILLION

REVIEWED AND ADDRESS OF SECTION AND ADDRESS OF SECTION OF SECTION



APPENDIX E: Statute Describing the Florida Adu	ult Literacy Plan	ı	
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	71		



#### 228.0713 The Florida Adult Literacy Plan.-

- (1) The Commissioner of Education shall develop and submit to the State Board of Education for adoption a state plan for reducing the percentage of the adult population lacking basic literacy skills to 2 percent and functional literacy skills to 10 percent by 1995. The plan shall be known as the Florida Adult Literacy Plan and shall be implemented by February 1, 1988.
- (2) As used in this section and ss. 228.0715 and 228.072
- (a) "Basic literacy" means achievement at a fourth grade educational level as measured by tests approved for this purpose by the State Board of Education.
- (b) "Functional literacy" means achievement at an eighth grade educational level as measured by tests approved for this purpose by the State Board of Education.
- (c) "Local educational agency" means the school board of a public school district or the board of trustees of a community college, or both, when the board is responsible for administrative control and direction of the adult basic education program within the service delivery area of the agency.
- (3) The state plan shall provide guidance and a framework for intra-agency planning and sharing of information and preparation of local literacy plans by local educational agencies. The state plan shall include, but not be limited to, the following elements:
- (a) Policies and objectives guiding the adult literacy development activities of the Department of Education, with corresponding evaluative criteria.
- (b) Strategies and criteria for coordinating adult literacy activities with programs and services provided by such entities as state and local education and training agencies (including vocational educational agencies), public libranes, and public assistance and employment agencies in order to achieve stated policies and objectives, meet the educational needs of the target population, and maximize available state and local resources and expertise.
- (c) Procedures for identifying, recruiting, and retaining adults lacking basic and functional literacy skills.
- (d) Mechanisms for gathering relevant demographic information, for utilizing forecasting techniques to determine the number of adults lacking basic and functional literacy skills, and for monitoring compliance with state policies and objectives.

- (e) Guidelines for a local educational agency to follow in developing and implementing a local literacy plan At a minimum, the guidelines shall address the following matters:
- 1. Utilization and training of volunteer instructors as part of an overall volunteer literacy program:
- 2. Interagency and intra-agency cooperation and coordination through meaningful local working agreements;
- 3. Coordination of efforts with public libraries and other local sponsors of literacy programs;
- 4. Progress towards more individualized literacy in struction by reducing class size;
  - 5. Program evaluation criteria and procedures;
- 6. Identification, recruitment, and retention o adults lacking basic and functional literacy skills; and
- 7. Prevention of adult illiteracy through programs designed to help parents learn the techniques and skills necessary to assist in their children's educational development.
- (4)(a) Within 12 months of the adoption of the state plan, each local educational agency shall develop and submit a local literacy plan to the Commissioner of Education for review and subsequent approval or disapproval. The commissioner shall notify the chairman of the regional coordinating council and the corresponding superintendent of the local school district or president of the local community college, respectively, of the approval or disapproval of the plan. If the plan is not brought into compliance by the local educational agency within 60 days of receiving notice of disapproval by the commissioner, the commissioner shall deny in the subsequent year adult general education funds equal to the amount spent on basic skills education programs for adults in the prior year.
- (b) Each local educational agency submitting a local literacy plan shall maintain such records and submit such reports, in such form and containing such information, as the commissioner requires regarding the performance of its basic skills education program.

  History.—a 10, cn 87-329.



APPENDIX F: Related Statutes and State Board Rule	es
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#### Excerpts from 242.68 Education for state prisoners.

- (f) The board is vested with the authority and responsibility to manage and operate the correctional education program, as provided by law. The Department of Corrections shall cooperate and render assistance as may be necessary to enable the board to discharge its responsibilities. Resources of the department may be used to support the operation of the education programs as agreed by the department and the board. The Correctional Education School Authority shall operate its education programs in accordance with applicable provisions of the Florida school laws and rules of the State Board of Education except as expressly exempted by the State Board of Education.
- 16. Ensure that correctional education programs comply with the policies set by the board and with public policies and goals and objectives of the state, which include, in the following order of priority:
- a. Providing every inmate who has an expectation of release from custody within 5 years with the opportunity to achieve functional literacy, specifically the ability to read and write the English language and the ability to perform routine mathematical functions prior to his release or expiration of his sentence.

State Board of Education Rule 6A-6.014 (4) lists the following approved tests:

Test of Adult Basic Education (TABE)
Adult Basic Learning Examination (ABLE)
Basic Skills Assessment Program (BSAP)
Minimum Essentials Test



APPENDIX G: Major Issues and Products to Be Cons	sidered for Future Resolution
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#### Major Issues and Products to Be Considered for Future Resolution

- Development of specific criteria and methodology for the assessment of local literacy levels.
- Development of specific criteria for the measurement and assessment of self-sufficiency and self-reliance in order to plan and evaluate responsive adult literacy programs. Part of the objective will be to identify currently available data sources which could be used for literacy programs and intervention planning and evaluation.
- Development of specific feasible methods and techniques that will be responsive to the individual characteristics and requirements of each local service area and agent.
- Specification of local and statewide needs and requirements in order to identify possible ways to share methods and materials with like populations. Also, the specification of needs and requirements will allow legislators, administrators, and executives to identify future requirements for planning.
- Continued development of and agreement upon common definitions for terms, such as "under-educated," "illiteracy/literacy," "basic literacy," "functional literacy," "need," etc.
- Systematic reporting of accomplishments and problems in order to be able to define and develop political, legal, and educational responses.
- Vehicles for changes in and additions to current enabling legislation.



APPENDIX H: Additional Data Sources		



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Unemployment rates (percentages) and annual earnings (in dollars) for high school dropouts and high school graduates, by sex, race, and ethnicity

		1976	1982		
Cohort	Level	Ratio Dropouts/ Graduates	Level	Ratio Dropouts/ Graduates	
Unemployment*	-				
Total		1.78		1.85	
Dropous	30.9		41.6		
Graduates	17.4		22.5		
Males		1.75		2.05	
Dropouts	28.3		43.4		
Graduates	16.2		21.2		
Females		1.96		1.60	
Dropouts ·	36.9		38.3		
Graduates	18.8		23.9		
Whites		1.90		1.89	
Dropouts	27.5		36.0		
Graduates	14.5		19.0		
Blacks		1.24		1.35	
Dropouts	56.9		71.4		
Graduates	45.8		53.0		
Hispanics		2.01		1.23	
Dropouts	27.9		42.2		
Graduates	13.9		34.3		
Annual carnings					
Maies		.82		.84	
Dropouts	7,351		10,964		
Graduates	9,004		13,088		
Females	• • •	.87	-	.82	
Dropouts	5,758	-	8,414		
Graduates	6,620		10.235		

<sup>\*</sup>Unemployment rates in October of each year for persons 16 to 24 years old who either graduated or dropped out of high school in the preceding academic year.

Table from Rumberger, R.W. (1987). High school dropouts. Review of Educational Research, 57, (2).

Annual earnings for year-round, full-time workers who were 18 to 24 years old as of March of the following year.

Sources: Unemployment data from A. M. Young, "Students, graduates and dropouts in the labor market," Monthly Labor Review, 100 (July 1977), Table 3, and A. M. Young, "Youth labor force marked turning point in 1982," Monthly Labor Review, 106 (August 1983), Table 4, Earnings data from U.S. Bureau of the Census, Current Population Reports. Series P-60, No. 114 (July 1978), Table 48, and No. 142 (February 1984), Table 48.

#### TABLE 10

# Reported Employment Status of Young Adults by Race/Ethnicity, Educational Attainment, and Parental Education\*

	Employed in Past 12 Months				Not Employed				
	N	Weighted N	Percent Saying Yes	N	Weighted N	Percent of Total	Unemployed	in School	Kaeping House
A contract of the contract of									
Race/Ethnicity	1007	16,018,109	88.0 (1.0)	263	1,910,403	11 9	10.4 (2.4)	27.0 (41)	572 (45)
White	1,997			242	546,310	20 3	30 0 (3 9)	25.9 (3.8)	38.1 (3.2)
Black	957	2,693,192	79 5 (2 0)	76	193,114	15.3	18.4 (4.4)	18.7 (5 4)	59 5 (59)
Hispanic	391	1,264,984	84.6 (18)	/6	133,114	13.3	10.4 (4.4)	14.7 (4.4)	333 (33)
Educational Attainment				}					
Less than high school	77	374.926	67.2 (6.9)	35	122.821	32.8	26.4 (9.8)	(0.0) 0.0	711 (10 0)
Some high school	618	2,769,840	742 (28)	201	704.299	25 4	21.6 (4.4)	50 (17)	677 (44)
High school graduate and/or									
some postsecondary	1,718	9 999,954	867(12)	270	1 324,141	13.2	14.6 (3 0)	19 9 (4 3)	59.2 (4.6)
Postsecandary degree	1,058	7.585,453	90.9 (13)	109	683,598	90	3.6 (20)	81.0 (5.8)	12.4 (4.9)
Parental Education				}					
Less than high school	357	1,424,884	79.0 (3.2)	85	296,778	22.5	29.4 (71)	19.4 (61)	16.9 (8.6)
Some high school	489	2,400,960	78.4 (2.7)	131	518,619	25.7	21.3 (5.9)	10.1 (3 9)	66.2 (5.2)
-	100	4,100,000	(2 )	{			, ,		
High school				}					
graduate and/or	1 828	9.734,079	87.6 (1.3)	249	1,194,682	12.7	12.9 (2.9)	24.6 (5.0)	56.4 (43
some postsecondary	1,535	·	, ,	115	728,219	11.0	3.0 (1.5)	60.0 (7.0)	,
Postsecondary degree	978	6.737.472	89.2 (1.3)	113	140,413	11.0	3.0 (1.3)	JU.U (1.U)	( <b></b>
Total	3,474	20,720,464	86.2 (0.9)	615	2,834,859	13.7	14.2 (2.0)	30.0 (4 3)	50.5 (3.8

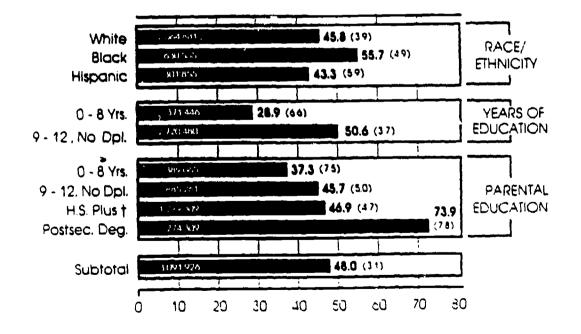
<sup>&</sup>quot;Numbers in parentheses are estimated standard errors.



-Figure 3A

#### STUDIED FOR GED.

Young Adults Who Did Not Complete Twelfth Grade and Who Studied for GED by Race/ Ethnicity, Educational Attainment, and Parental Education\*\*



Tables from National Assessment of Educational Progress Report

	APPENDIX I: Public Hearings on Florida's Adult Lite	eracy Plan
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# FLORIDA DEPARTMENT OF EDUCATION Betty Castor

Commissioner of Education

November 9, 1987

Contact Person

Name: John E. Lawrence

Phone: Suncom: 278-8201
(904) 488-8201

DVACE 87-104

M E M O R A N D U M

TO:

School District Superintendents

Community College Presidents, and Heads of Public and Private Agencies,

Organizations and Institutions Conducting Adult Literacy Programs

FROM:

Robert S. Howell, Director

Division of Vocational, Adult, and Community Education

SUBJECT: Public Hearings on Florida's Adult Literacy Plan

Attached you will find a draft copy of the Florida Adult Literacy Plan. This document has been developed with input from many different sources, i.e. business and industry, private sector, public libraries, volunteers, advisory councils, etc. In order to allow for additional citizen input, public hearings will be conducted between Monday, November 16 and Friday, November 20, 1987.

The public hearings in each region are as following:

South

Monday, November 16, 1987, from 10:30 a.m. to 12:30 p.m., at the Hallandale Adult and Community Center, 1000 Southwest Third Street, Hallandale. Contact Ms. Roberta Durbin at (305) 457-0230.

East Central

Tuesday, November 17, 1987, from 10:00 a.m. to 12:00 noon, at the Daytona Beach Campus of Daytona Beach Community College, Building 16 (Administration Building) in the Conference Center room. Contact Ms. Beverly Grissom at (904) 254-3077.

West Central

Wednesday, November 18, 1987, from 10:00 a.m. to 12:00 noon, in the School Board meeting room, Hillsborough County School Administrative Center, 901 East Kennedy Boulevard, Tampa. Contact Mrs. Betty Womack at (813) 272-4771 or meeting room (813) 272-4050.

Tallahassee, Florida 32399

Affirmative action, equal opportunity employer



9 7

District School Superintendents Page 2 November 9, 1987

Panhandle

Thursday, November 19, 1987, from 2:00 p.m. to 4:00 p.m., in Building 5, North Dining Room (N.W. Corner of building), Pensacola Junior College. Contact Dr. Addie J. Hall at (904) 476-5410.

Crown Panhandle

Friday, November 20, 1987, from 10:00 a.m. to 11:30 a.m. the Lively Area Vocational-Technical Center, Cafeteria Building C. Contact Ms. Patricia McDonald at (904) 487-7560.

l would appreciate your assistance in informing the public in your community of these hearings. Additionally, comments and recommendations may be mailed to the Chief, Bureau of Adult and Community Education, c/o Knott Building, Tallahassee, Florida 32399 by the close of the business day Monday, November 30, 1987.

jlp

Attachment

cc: Local Adult Education Directors Literacy Policy Academy Team

