

ECONOMIC PROJECTIONS  
FOR OASDI COST AND INCOME  
ESTIMATES, 1984

Actuarial Study No. 94

by Stephen C. Goss, A.S.A.  
Milton P. Glanz, A.S.A.  
Seung H. An

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Social Security Administration  
Office of the Actuary

January 1985  
SSA Pub. No. 11-11541

## FOREWORD

This actuarial study is an update of Actuarial Study Number 90, which was released about a year ago. While Actuarial Study Number 90 dealt with the economic projections of the 1983 Trustees Report, the subject here is the economic projections of the 1984 Trustees Report. Newer data are included, methods and assumptions have been slightly modified, but more significantly, the authors have clarified and simplified the presentation of the material.

We continue to welcome comments from readers. The concepts, methods, and data presented are complex and could well admit further simplification. This applies not only with respect to their substance, but also in regard to the presentation.

Francisco R. Bayo  
Deputy Chief Actuary

## TABLE OF CONTENTS

	<u>Page</u>
A. Introduction.....	1
B. Basic Concepts.....	2
1. Covered Economy vs. Total U.S. Economy.....	2
2. Economic Parameters Related to the Total U.S. Economy.....	2
a. Employment.....	2
b. Average Earnings.....	3
c. Gross National Product.....	4
3. Economic Parameters Related to the OASDI Covered Economy.....	5
a. Covered Workers.....	5
b. Average Covered Earnings.....	5
c. Effective Taxable Payroll.....	6
C. Overview of Methodology for Projecting Economic Parameters.....	7
D. Assumptions.....	10
1. Productivity.....	11
2. Average Real Earnings.....	13
a. Direct Analysis.....	13
b. Analysis in Relation to Productivity.....	14
(1) Productivity and Average Earnings in the U.S. Economy....	14
(2) Average Earnings in the U.S. Economy vs. Average Earnings for OASDI Covered Workers.....	16
c. Summary.....	17
3. Price Indexes.....	18
4. Unemployment Rate.....	20
a. Full-Employment.....	20
b. Actual.....	21
5. Labor Force Participation Rates.....	22
a. Actual.....	22
b. Full-Employment.....	23
6. Real Interest Rate.....	24

	<u>Page</u>
E. Methods.....	24
1. Employment.....	25
a. Labor Force and Employed Labor Force.....	25
b. Covered Worker Rates.....	25
c. Covered Workers.....	26
2. Average Real Earnings and Average Real Covered Earnings.....	26
3. Potential (Real) GNP.....	26
4. Actual (Real) GNP.....	27
5. Effective Taxable Payroll.....	28
a. Aggregate Method.....	28
(1) Wage and Salary Workers.....	29
(2) Self-Employed Workers.....	30
(3) Summary.....	32
b. Average Method.....	32
F. Results.....	33
G. Tables	
1. Population in the Social Security Area by Age Group on July 1	
a. Male, 1947-1983.....	34
b. Female, 1947-1983.....	35
c. Total, 1947-1983.....	36
d. Alternative I, 1984-2060.....	37
e. Alternative II, 1984-2060.....	38
f. Alternative III, 1984-2060.....	39
2. Noninstitutionalized U.S. Population by Age Group on July 1	
a. Male, 1947-1983.....	40
b. Female, 1947-1983.....	41
c. Total, 1947-1983.....	42
d. Alternative I, 1984-2060.....	43
e. Alternative II, 1984-2060.....	44
f. Alternative III, 1984-2060.....	45
3. Labor Productivity: Compound Annual Rates of Growth, 1951-1983	
a. Total U.S. Economy.....	46
b. Private Nonfarm Business Sector.....	47
c. Wage and Salary Workers.....	48
d. Self-Employed Workers.....	49

4.	Average Real Earnings (OASDI Covered) and Average Annual Percentage Change Over Selected Intervals, 1951-1983	
a.	Total.....	50
b.	Total, Age-Sex-Adjusted.....	51
c.	Wages.....	52
d.	Self-Employment Income.....	53
5.	Average Real Earnings (Total U.S. Economy) and Average Annual Percentage Change Over Selected Intervals, 1951-1983	
a.	Total.....	54
b.	Wages.....	55
c.	Self-Employment Income.....	56
6a.	Average Annual Percentage Change in Productivity and Average Real Earnings: Comparison of Differential (Additive Basis) with Growth (Multiplicative Basis), Historical and Projected.....	57
6.	Average Annual Percentage Change in Average Real Earnings, Productivity, and Their Linkages for U.S. Economy, Historical and Projected	
b.	Total.....	58
c.	Wage and Salary Workers.....	59
d.	Self-Employed Workers.....	60
7.	Average Annual Percentage Change in Average Real Earnings: Comparison of Total U.S. Economy to OASDI Covered, 1953-1983 and Assumptions for 1984 Trustees Report.....	61
8.	CPI-W and Annual Percentage Change	
a.	Average Annual Percentage Change Over Selected Intervals, 1951-1983.....	62
b.	Assumptions for 1984 Trustees Report Compared to 1914-1983....	63
9.	Unemployment Rates	
a.	Total and Age-Sex-Adjusted Over Selected Intervals, 1947-1983.....	64
b.	Male, by Age Group, 1947-1983.....	65
c.	Female, by Age Group, 1947-1983.....	66
d.	Total, by Age Group, 1947-1983.....	67
e.	Alternative I, by Age Group, 1984-2000+.....	68
f.	Alternative II-A, by Age Group, 1984-2000+.....	69
g.	Alternative II-B, by Age Group, 1984-2000+.....	70
h.	Alternative III, by Age Group, 1984-2000+.....	71

10.	Labor Force Participation Rates	
	a. Total and Age-Sex-Adjusted Over Selected Intervals, 1947-1983.....	72
	b. Male, by Age Group, 1947-1983.....	73
	c. Female, by Age Group, 1947-1983.....	74
	d. Total, by Age Group, 1947-1983.....	75
	e. Alternative I, by Age Group and Sex, 1984-2000+.....	76
	f. Alternative II-A, by Age Group and Sex, 1984-2000+.....	77
	g. Alternative II-B, by Age Group and Sex, 1984-2000+.....	78
	h. Alternative III, by Age Group and Sex, 1984-2000+.....	79
11.	Real Interest Rates on Newly Issued OASDI Trust Fund Special Issues, 1961-1983 and assumptions for 1984 Trustees Report.....	80
12.	Covered Worker Rates	
	a. Male, by Age Group, 1947-1983.....	81
	b. Female, by Age Group, 1947-1983.....	82
	c. Total, by Age Group, 1947-1983.....	83
	d. Alternative I, by Age Group and Sex, 1984-2060.....	84
	e. Alternative II-A, by Age Group and Sex, 1984-2060.....	85
	f. Alternative II-B, by Age Group and Sex, 1984-2060.....	86
	g. Alternative III, by Age Group and Sex, 1984-2060.....	87
13.	Labor Force	
	a. Male, by Age Group, 1947-1983.....	88
	b. Female, by Age Group, 1947-1983.....	89
	c. Total, by Age Group, 1947-1983.....	90
	d. Alternative I, by Age Group and Sex, 1984-2060.....	91
	e. Alternative II-A, by Age Group and Sex, 1984-2060.....	92
	f. Alternative II-B, by Age Group and Sex, 1984-2060.....	93
	g. Alternative III, by Age Group and Sex, 1984-2060.....	94
14.	Covered Workers	
	a. Male, by Age Group, 1947-1983.....	95
	b. Female, by Age Group, 1947-1983.....	96
	c. Total, by Age Group, 1947-1983.....	97
	d. Alternative I, by Age Group and Sex, 1984-2060.....	98
	e. Alternative II-A, by Age Group and Sex, 1984-2060.....	99
	f. Alternative II-B, by Age Group and Sex, 1984-2060.....	100
	g. Alternative III, by Age Group and Sex, 1984-2060.....	101
15.	Comparison of Covered Workers to Workers in the U.S. Economy, 1951-1983.....	102

16.	Gross National Product and Potential Gross National Product by Component, 1950-1983.....	103
	a. Alternative I, 1984-2060.....	104
	b. Alternative II-A, 1984-2060.....	105
	c. Alternative II-B, 1984-2060.....	106
	d. Alternative III, 1984-2060.....	107
17.	Actual Gross National Product by Component, 1950-1983.....	108
	a. Alternative I, 1984-2060.....	109
	b. Alternative II-A, 1984-2060.....	110
	c. Alternative II-B, 1984-2060.....	111
	d. Alternative III, 1984-2060.....	112
18.	GNP, Real GNP, GNP Price Deflator, and Their Increases, 1951-1983.....	113
	a. Alternative I, 1984-2060.....	114
	b. Alternative II-A, 1984-2060.....	115
	c. Alternative II-B, 1984-2060.....	116
	d. Alternative III, 1984-2060.....	117
19.	Ratios of Linkages between GNP and Effective Taxable Payroll, 1951-1983.....	118
	a. Alternative I, 1984-2060.....	119
	b. Alternative II-A, 1984-2060.....	120
	c. Alternative II-B, 1984-2060.....	121
	d. Alternative III, 1984-2060.....	122
20.	GNP, Effective Taxable Payroll, and Their Linkages, 1951-1983.....	123
	a. Alternative I, 1984-2060.....	124
	b. Alternative II-A, 1984-2060.....	125
	c. Alternative II-B, 1984-2060.....	126
	d. Alternative III, 1984-2060.....	127
21.	Analysis of GNP and Compensation by Type of Employment, 1951-1983.....	128
	a. Alternative I, 1984-2060.....	129
	b. Alternative II-A, 1984-2060.....	130
	c. Alternative II-B, 1984-2060.....	131
	d. Alternative III, 1984-2060.....	132

## A. INTRODUCTION

Estimating the long-range financial status of the Old-Age and Survivors Insurance and Disability Insurance (OASDI) Trust Funds requires projection of numerous parameters, which can be classified in three groups: demographic parameters, economic parameters, and programmatic parameters. The purpose of this study is to present and describe, in some detail, the projections of economic parameters utilized in developing the long-range estimates of the financial status of the OASDI program included in the 1984 Annual Report of the Board of Trustees. Although the focus of this study is on the OASDI program, the economic projections presented herein were also used in making the long-range projections of the financial status of the Hospital Insurance (HI) program included in the 1984 Annual Report of the Board of Trustees of Hospital Insurance Trust Fund.

The interested reader will find detailed presentations of the projection of demographic and programmatic parameters in recent Actuarial Studies Numbers 92 and 91, respectively. The demographic projections presented in Actuarial Study Number 92, "Social Security Area Population Projections, 1984," by Alice H. Wade, relate to the estimates included in the 1984 Trustees Report. The programmatic projections presented in Actuarial Study Number 91, "Long-Range Estimates of the Financial Status of the Old-Age, Survivors and Disability Insurance Program, 1983," by Stephen C. Goss, relate to estimates included in the 1983 Annual Report. However, the methods used in the 1983 Trustees Report were essentially unchanged for the 1984 Trustees Report.

The economic parameters that are fundamental in the estimation of the financial status of the OASDI program range from those which relate to the total U.S. economy and are thus familiar to almost everyone, such as Gross National Product (GNP), productivity, labor force, unemployment, and earnings and price levels, to those which relate more specifically to the OASDI program, such as workers in OASDI covered employment, average covered earnings, and OASDI effective taxable payroll.

Examples of how estimates of the financial status of the OASDI program depend on these parameters include: (1) the projected number of persons who are insured and eligible to receive OASDI benefits each year and its direct relationship to the numbers of covered workers for past years, (2) the average benefit level for each year and its direct relationship to both the level of average covered earnings and numbers of covered workers for past years, and (3) the amount of OASDI contribution income each year and its direct relationship to the size of the OASDI taxable payroll for the year.

Projection of these various economic parameters is accomplished with a combination of assumptions for the most basic parameters and methods utilized to project more involved parameters in relation to the assumed values for the more basic parameters. Assumptions for the most basic parameters are developed by taking into account historical experience, expected future changes in the structure of the economy, and consistency with other assumptions. These assumptions represent the collective judgement of the Trustees and their staffs. Methods used to project the more involved economic parameters are developed primarily on the basis of analysis of historical relationships among parameters, by the Office of the Actuary and the Office of Research, Statistics, and International Policy in the Social Security Administration.



Because none of the parameters used in estimating the long-range financial status of the OASDI program can be projected with certainty, perhaps least of all economic parameters, four separate sets of assumptions were developed for estimates in the 1984 Trustees Report in order to present a range of possible outcomes. These are alternative I, the most optimistic set in terms of impact on the financial status of the OASDI and HI programs; alternatives II-A and II-B, the intermediate sets which differ from each other only in that alternative II-A reflects greater economic growth than assumed for alternative II-B; and alternative III, the most pessimistic set of assumptions presented in the 1984 Annual Report.

## B. BASIC CONCEPTS

### 1. Covered Economy versus Total U.S. Economy

Work resulting in earnings that are covered (i.e., totally or partially taxable) under the OASDI program comprises the covered economy. Although the covered economy largely overlaps the total U.S. economy, there are significant differences between them. Among the types of work in the total U.S. economy that are not included in the covered economy are some state and local government employment, full-time civilian Federal Government employment for most workers hired before 1984, work performed for some nonprofit institutions prior to 1984, and self-employment resulting in annual net earnings of less than \$400. On the other hand, employment of residents of outlying areas 1/ and of U.S. citizens working for U.S. companies overseas is included in the covered economy even though it is not part of the U.S. economy.

Naturally, a far more extensive history of basic economic data is available for the U.S. economy than for the covered economy. For this reason, most economic parameters relating to the covered economy are not projected directly but in relation to projections of more widely considered parameters for the U.S. economy. One of the benefits of this approach is that projections of economic parameters for OASDI estimates can be more easily compared with projections made by economists whose focus is the U.S. economy.

### 2. Economic Parameters Related to the U.S. Economy

The economic parameters for the U.S. economy discussed in this study represent three areas: employment, average earnings, and Gross National Product (GNP).

#### a. Employment

Every month the Bureau of Labor Statistics (BLS) of the Department of Labor publishes survey-based estimates of total labor-force-participation rates and both total and civilian unemployment rates for the noninstitutionalized U.S. population 2/. Annual figures shown in this study are based on the averages of the monthly numbers. The BLS estimates for years prior to 1983 relate to the U.S. population including all armed forces, while estimates for 1983 and later years relate to the population including only those armed forces residing in the U.S.

---

1/ The term "outlying areas" refers to the areas not normally considered to be part of the United States, such as Puerto Rico, the Virgin Islands, Guam, and American Samoa, but which are covered by the Social Security program.

2/ In this study, the term "U.S. population" refers to the noninstitutionalized population of the U.S., rather than the resident U.S. population, which is most often quoted by the Bureau of the Census.

Because all armed forces are covered under the OASDI program, figures in this study for the U.S. population, the labor force, labor force participation rates, and unemployment rates include all armed forces residing in the U.S. and abroad. The size of the U.S. population by age group and sex on July 1 of years 1947 through 1982 was estimated by the Bureau of the Census and published by the Bureau of Labor Statistics in Employment and Earnings. The size of the U.S. population for years 1983 through 2060 was obtained by multiplying the projected Social Security Area population (Table 1) by age-sex specific factors, which were based on the historical relationship between the two populations. Table 2 shows the resulting estimates of the U.S. population for the past and as projected for Alternatives I, II, and III.

For historical years, average U.S. employment during each year is calculated as the product of the U.S. population on July 1, the average total labor force participation rate (including military residing abroad), and the complement of the average unemployment rate (1.0 minus the unemployment rate). Separate numbers for wage and salary workers and the self-employed add to more than the total because workers with more than one job may be counted more than once.

The historical numbers of wage and salary workers presented in this study were developed by the Bureau of Economic Analysis (BEA) of the Department of Commerce, based on establishment data compiled by the BLS. Establishment data are collected by surveying employers and thus count "wage items" which represent individual jobs. Because many individuals have more than one wage or salary job at a time, the number of wage items is greater than the total number of persons with some wage or salary employment.

The historical numbers of self-employed persons in this study were developed by the BEA based on the Current Population Survey (CPS), a household survey of individuals, and count an individual as self-employed only if the majority of the individual's hours worked were in self-employment. Some persons counted as self-employed also hold a wage or salary job and are thus counted both as self-employed and as wage and salary workers.

Both household and establishment data are collected monthly and, in general, reflect the number of workers with any work during one selected week in each survey month. The annual employment estimates are calculated as the average of the survey-week employment figures for the 12 survey months and thus represent average weekly employment during the year.

Average weekly U.S. employment during each year, described above, is estimated based on household data and thus includes no multiple counting of workers. A discussion of the development of employment projections is included in Section B., Assumptions.

#### b. Average Earnings

Data for aggregate earnings in the U.S. economy are collected by the Bureau of Economic Analysis (BEA) of the Department of Commerce on a quarterly basis. Aggregate earnings are available separately for wage and salary workers and for the self-employed (net proprietors income). Average annual earnings (per worker) are estimated for historical years by dividing the total earnings during each year by the average weekly U.S. employment

during the year. As a result, average annual earnings for the total U.S. economy are actually equal to average weekly earnings multiplied by the number of weeks in each year. Because the number of weeks in a given year depends, in many instances, on the number of paychecks received, the actual number of weeks per year varies between 52 and 53 for individual workers. However, the number of paychecks in a given year depends on the exact timing of pay (i.e., Friday vs. Thursday, weekly vs. bi-weekly) and thus is different for different workers. For this reason, and because variation in the number of weeks per year is not very important when averaging growth rates in average earnings over several years, as is done in our historical analysis, we generally assume 52 work weeks per year for each year. Projections are made for increases in average real earnings and for the CPI separately. A more thorough discussion of the development of average earnings estimates and projections, as well as the related concepts of compensation and productivity, is presented in Section B., Assumptions.

### c. GNP

Analysis of past trends and projection of future levels of the Gross National Product (GNP) are difficult because of the cyclical nature of economic growth. A useful concept for these purposes is the potential real GNP, which is defined as the output in constant dollars that the economy would produce with the existing (or expected) plant and technology under assumed conditions of high but sustainable use of the factors of production--labor, capital, and natural resources. The Council of Economic Advisors has estimated potential real GNP for past years based on (1) an overall civilian unemployment rate that takes into account the changing age and sex distribution of the labor force and has thus changed gradually from 4.0 percent in 1955 to 4.9 percent in 1976, and (2) a manufacturing-capacity-utilization index (as calculated by the Department of Commerce) of 86 percent. With these assumptions, potential real GNP increases in accordance with changes in the size of the labor force, the amount of capital available, and the state of technology, and thus grows relatively smoothly through time.

In order to project potential real GNP, we estimate future changes in the labor force, the average number of hours paid per year, and labor productivity (defined as output per hour paid). In this approach, the labor productivity parameter includes both the capital and technology factors of production.

The primary advantages of the potential GNP concept are that it is relatively easy to project because of its smooth historical trend and that, once projected, it defines the context in which actual GNP is projected. Actual GNP can be estimated for any year in relation to potential GNP based on the assumed levels of the unemployment rate and the manufacturing-capacity-utilization index.

In addition, the use of potential real GNP rather than the actual real GNP as a fundamental concept facilitates consistency of long-range projections for each year's Trustees Report with those for succeeding years. When the economy's position in the business cycle changes significantly from one year to the next, the estimated future levels of potential real GNP are generally affected little, if at all. The change in the economy's position in the business cycle is reflected in the changing ratio of actual to potential GNP. Use of potential real GNP as a fundamental concept assures that the ultimate projected levels of GNP are changed only when changes in underlying assumptions are deemed appropriate.

### 3. Economic Parameters Related to the OASDI Covered Economy

The most important economic parameters related to the OASDI covered economy are the number of covered workers, their average covered earnings, and the total effective taxable payroll.

#### a. Covered Workers

The number of covered workers for a calendar year is defined as the number of workers who pay Social Security taxes at any time during the year. Every year, the Social Security Administration compiles data on the number of covered workers. The coverage rates--which are defined as the ratio of covered workers during a year to the mid-year Social Security Area population (Table 1)--can be calculated for historical years from these data. These rates are calculated by age group and sex, and are usually expressed in percentages.

Although there are many differences between covered worker rates and labor-force-participation rates, their values in any particular year for each age-sex group are fairly close together. Some differences tend to make covered-worker rates larger. The foremost of these is the fact that workers who are employed for only a part of the year count as covered workers for the whole year but count as labor force participants for only that portion of the year in which they were employed or actively seeking employment. Other differences tend to make covered worker rates lower. The foremost of these is the fact that not all types of employment included in the labor-force statistics are covered by the OASDI program. As shown in tables 10 and 11, higher rates for coverage than for participation have occurred in recent years for age-sex groups with relatively low participation rates, because the effect of partial-year employment tends to predominate in these cases. Lower rates for coverage than for participation occur for age-sex groups with relatively high participation rates, because the effect of noncovered employment tends to predominate in these cases.

The number of covered workers is projected in relation to projections of other more basic parameters, based on analysis of the historical relationships among these parameters. The basic parameters necessary to project the number of covered workers are projections of the size of the Social Security area population, and the labor-force-participation and unemployment rates for the U.S. economy.

#### b. Average Covered Earnings

Differences between the rates of increase in average covered earnings and average earnings in the total U.S. economy have been small, even though the methods of computing the averages are quite different. Average-covered-earnings estimates are based on actual data for all workers in OASDI covered employment and reflect the average annual earnings for persons with any covered employment during the year. Average earnings for the total U.S. economy, on the other hand, are based on separate survey estimates of the number of workers and the amount of aggregate earnings. The fact that the number of workers in the U.S. economy is actually calculated as average weekly U.S. employment during the year (see Section 2.) means that average U.S. earnings is actually calculated as average weekly earnings multiplied by 52 (see Section B.2.b.). Fortunately, these differences do not appear to have a large effect on the rates of increase in the measures of average covered earnings versus average total earnings.

An additional factor which has contributed to the difference between the rates of increase in average covered versus average total earnings is the historical trend by the OASDI program towards covering an increasing percentage of workers in the total U.S. economy. This trend will continue and is reflected in the average covered earnings, which are projected to increase slightly faster over the next 30 years, as the Federal civilian employees (who have a somewhat higher-than-average level of annual earnings) gradually become covered 3/.

OASDI covered self-employment income (covered SEI) is used in this study to represent net earnings from covered self-employment excluding such earnings for any individual that total less than \$400 for the year. This definition of covered SEI differs from that used in the Social Security Act where SEI also reflects the effect of the earnings base. In this study, the quantity that results from applying earnings-base limitations to covered SEI is referred to as taxable SEI.

Increases in average covered earnings are projected in relation to projected increases in average earnings for the U.S. economy, taking into account any changes in the types of work included in the OASDI covered economy. Projected increases in average real covered earnings are made separately from those pertaining to the CPI. A more thorough discussion of the projection of average covered earnings is included in Section D.2.

#### c. Effective Taxable Payroll

One of the most important results of the economic projections is the "effective taxable payroll," which is defined as the theoretical amount which when multiplied by the combined employee-employer OASDI tax rate yields the actual (or projected) tax liability for the year. In presenting long-range estimates of the financial status of the OASDI program, both the cost and income rates expressed as percentages of effective taxable payroll can be directly compared with the OASDI tax rates with which everyone is familiar. In addition, this practice maintains a perspective on the size of the program that might be lost if cost and income estimates were expressed in terms of the inflated dollar amounts anticipated for 25, 50, and 75 years into the future.

Effective taxable payroll consists of total earnings which are subject to OASDI taxation, including deemed military-service wage credits starting 1984, but not including earnings of railroad workers, for whom accrued tax and benefit amounts are transacted on a net basis each year between the Social Security Administration and the Railroad Retirement Board. These total covered earnings are adjusted to reflect the maximum amount taxable per worker each year and the fact that a lower effective tax rate than the combined employee-employer tax rate applies to income from tips and multi-employer excess wages 4/, and to self-employment income for years prior to 1984.

Starting in 1984, the OASDI Trust Funds receive income not only from taxation of earnings but also in the form of revenue transfers from the general fund of the U.S. Treasury in amounts equal to the additional

---

3/ The Social Security Amendments of 1983 provide that Federal civilian employees hired after 1983 are covered under the OASDI program.

4/ When a worker has more than one job, each employer must pay OASDI tax on earnings up to the taxable maximum amount, while the worker pays tax on his or her combined total earnings only to the maximum.

federal income taxes paid because of taxation of up to one-half of OASDI benefits. The amounts of these transfers are presented in the Trustees Report as percentages of effective taxable payroll, as is done with respect to the costs of the program. A discussion of the projection of effective taxable payroll is included in Section E.5.

### C. OVERVIEW OF METHODOLOGY FOR PROJECTING ECONOMIC PARAMETERS

The purpose of this section is to provide the reader with a general understanding of the interrelationships among all the economic parameters considered in this study. In particular, this section outlines the flow of development from one parameter to the next, when viewed from the perspective of projecting future values for each of these parameters.

The ultimate, or most highly involved, economic parameter described in this study is effective taxable payroll. Projection of effective taxable payroll requires prior consideration of all the other economic parameters. On the other hand, labor productivity, most often referred to simply as productivity, is the initial, or most basic, economic parameter considered in this study. Assumptions about future changes in productivity represent the starting point for development of projections for the other parameters in our model. Productivity will be discussed in detail in Section D., Assumptions.

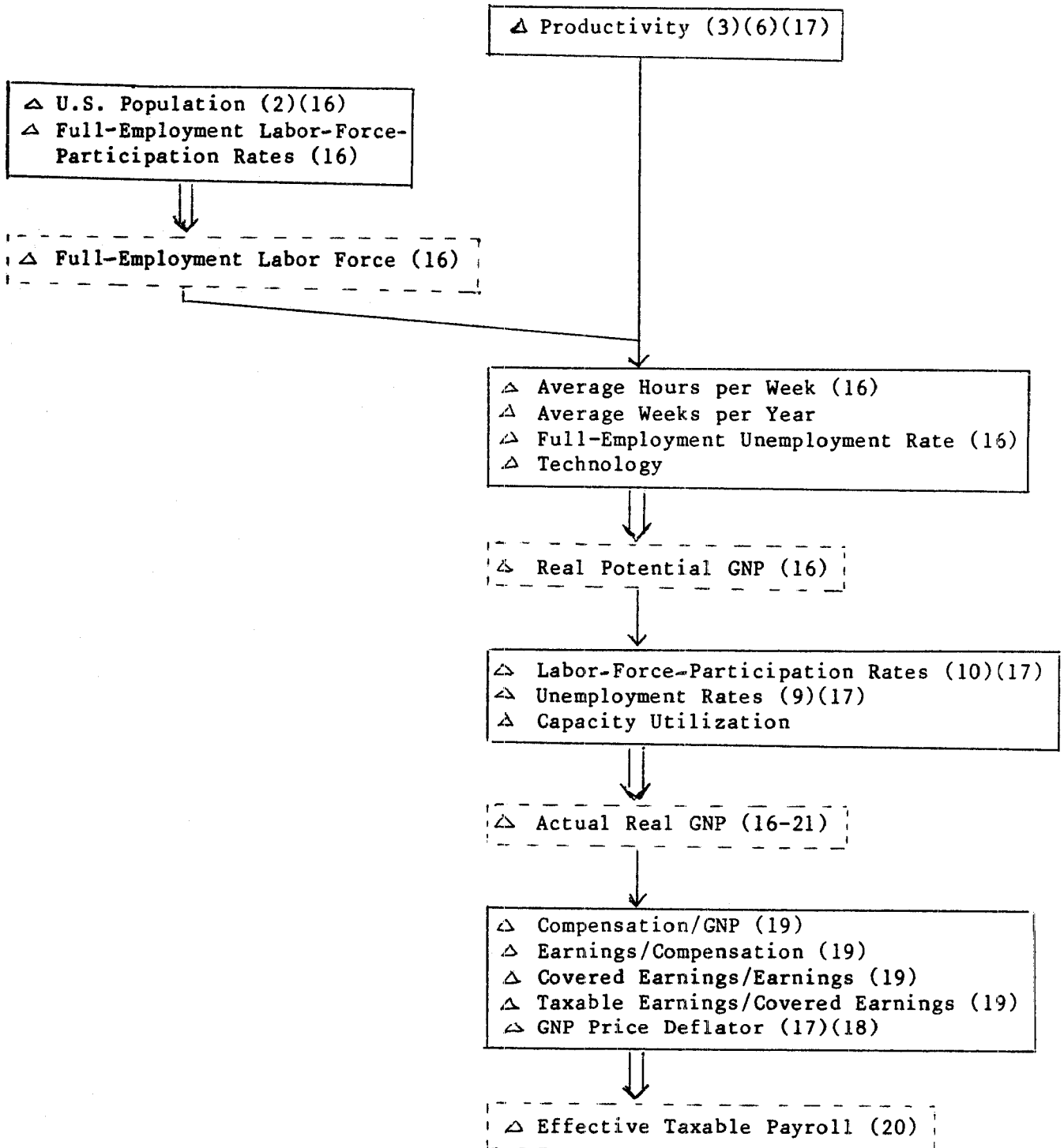
Projection of all the economic parameters required for estimating the financial status of the OASDI program requires two separate tracks of development. The first of these begins with the productivity assumption and yields projections of aggregate values for potential and actual GNP, and is thus referred to as the "aggregate method." The aggregate method ultimately yields projections of effective taxable payroll through the application of a series of linkages between GNP and payroll.

The second track of development also begins with the productivity assumption and then yields projections for the average levels of earnings for workers in the total U.S. economy and for those in OASDI covered employment, and is thus referred to as the "average method." The average method also ultimately yields projections of effective taxable payroll.

The aggregate and average methods are equivalent in the sense that they both utilize the same assumptions and yield consistent results. The need for two tracks of development lies in the need for a wide variety of economic projections. The charts on pages 8 and 9 illustrate the progression of development of parameters in each track. Entries in these charts represent projected rates of change in the various parameters which are, in general, developed in advance of, and provide the basis for, calculation of the levels of the parameters.

The solid line boxes identify the more basic parameters, while the dotted line boxes identify the more involved or derived parameters. Numbers in parentheses next to the parameters indicate table references in Section G., where projected values can be found. The specific development of each involved parameter is discussed in Section E., Methods. A description of the basis for assuming values for the more basic assumptions is provided in Section D., Assumptions.

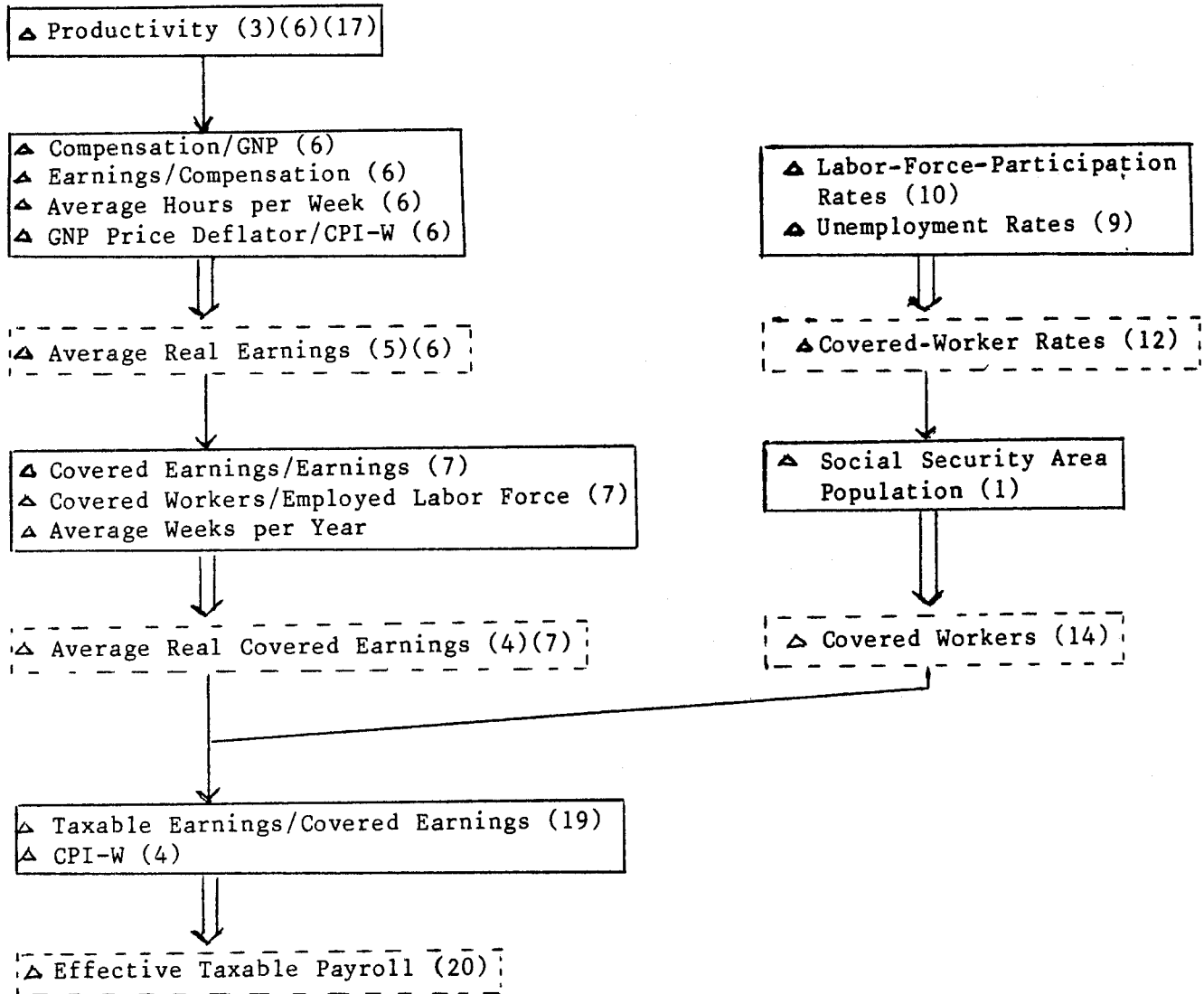
Development of Projected Annual Changes in  
Economic Parameters: Aggregate Method



**NOTE:** The numbers in parentheses are table references, and the symbols should be interpreted as follows:

- "△": annual percent changes
- "↓": the combination of the preceding and the following
- "⇓": the preceding yields the following

Development of Annual Changes in  
Economic Parameters: Average Method



NOTE: The numbers in parentheses are table references, and the symbols should be interpreted as follows:

- "▲": annual percent changes
- "↓": the combination of the preceding and the following
- "⇓": the preceding yields the following



#### D. ASSUMPTIONS

The first phase of development of economic projections for the purpose of estimating the financial status of the Social Security programs is the identification of basic parameters and the selection of assumed future values for those parameters. In our analysis, we attempt to subdivide parameters into the most basic elements for which high quality data are available.

In some cases, a parameter may be treated both as a basic parameter, for which assumed future values must be adopted based almost solely on analysis of historical values, and as a more complex, or derived, parameter, for which projected values are based on the already assumed or projected values for two or more other economic parameters. An example of this type of parameter is average real earnings. Because average real earnings for OASDI covered workers is such a fundamental parameter in the projection of both future income and future benefits, selection of future values is based on both direct analysis of historical average earnings data and on the development of assumptions for productivity and other basic parameters.

Assumed values for basic parameters are developed for three separate periods covering the next 75 years. For each of the next 10 years, values are selected which reflect, to a considerable extent, recent experience, cycles, and trends through the first several years and a movement toward the assumed ultimate value thereafter. Assumed ultimate values represent the expected average level of a parameter that is consistent with the underlying nature of the set of assumptions being developed: optimistic (I), intermediate (II-A and II-B), or pessimistic (III). Many parameters are assumed to reach their ultimate values within the first 10 years, while others may not do so until 20 or 30 years into the future. The last assumption to be adopted refers to the transition period between the tenth year and the first year for which the ultimate assumption applies. Values for the transition period are generally chosen to produce a path that approaches the ultimate assumption smoothly.

When setting ultimate assumptions, analysis of historical data must encompass a reasonably long period of time. The values of economic parameters often fluctuate significantly from one year to the next as the economy moves through business cycles. In addition, several business cycles often take place within one longer term cycle or trend. The economic experience during specific phases of the cycles and trends can be significantly better or worse than the average over an extended period. For these reasons, we analyze the experience of selected economic parameters at least as far back as the early 1950's, to include favorable as well as unfavorable trends. Thus, although recent experience is important in establishing a starting point and the current trend for our projections, this is not allowed to influence too heavily our choice of ultimate values.

Generally, we pay less attention to data for years prior to the early 1950's. The national economy was overwhelmed during the 1930's and 1940's first by the "Great Depression" and subsequently by World War II and the

post-war recovery. Although we recognize the possibility of either an extended depression or a world war in the future, neither of these events is consistent with any of the alternative sets of assumptions developed for the Trustees Report.

The experience of the 1950's and 1960's provides an example of a period when the economy operated very favorably through several business cycles. Inflation (as measured by the CPI-W) was low, averaging only 2.4 percent per year, while productivity grew rapidly, averaging 2.4 percent per year. On the other hand, the experience of the last 10 years has been very unfavorable. Inflation averaged 8.4 percent per year from 1973 to 1983, while productivity increased at an average annual rate of only 1.0 percent. Development of ultimate assumptions is based both on thorough analysis of this kind of data, and on expectations of future trends and conditions which may be quite different from those of the past.

### 1. Productivity

The productivity parameter is the first and most basic element of both the aggregate method and the average method discussed in the previous section. Productivity, sometimes called labor productivity, is defined as the ratio of the total value of production (as measured by the GNP) to the total number of hours paid. Production is generally measured in real terms (e.g., GNP in 1972 dollars) with the primary focus on annual percentage increase in productivity instead of on the absolute value of the ratio for each year. The number of hours paid includes paid vacation and sick time, and also includes some hours worked by unpaid family members.

Historical productivity data are most widely available for the "private business sector" as defined by the Bureau of Labor Statistics (BLS). Although productivity assumptions for the 1984 Trustees Report presented in this study were based on analysis of values for the index for the private business sector, we have chosen instead to focus our attention primarily on the index of productivity for the total U.S. economy, which has more recently become available to us from the BLS. We believe that the index for the total U.S. economy is more appropriate for our purposes, because it is more in line with the OASDI coverage. This new measure of productivity, which refers to all types of workers, including government workers, who represent a significant proportion of the U.S. workforce and a growing proportion of the OASDI covered workforce, is more complete and useful, because the productivity parameter is utilized in both our aggregate and average methods to represent productivity for the total U.S. economy.

Productivity for the private business sector rose at an average annual rate of 2.12 percent during the 30-year period 1953-83. On the other hand, productivity for the total U.S. economy rose at an average annual rate of 1.97 percent over the same period. The experience over the last 10 years of historical data (1973-83) was quite unfavorable, with average annual productivity changes of only 0.89 percent and 1.00 percent, according to the indexes for the private business sector and the total U.S., respectively; while the increases over the prior 20 years (1953-73) were very favorable--2.74 percent and 2.46 percent, respectively.

Our assumptions of future productivity increases (summarized in table 6B) reflect our belief that the very bad experience of the past 10 years does not foretell the future. Several conditions have prevailed over the past 10 years, significantly affecting productivity, which will not generally exist in the future. These include the rapid acceleration of production costs related to new environmental and safety regulations, highly significant increases in the cost of energy, a great influx of new, inexperienced workers as more women choose to enter (reenter) the labor force at the same time that the baby-boom generation reached working age, and rapidly aging plant and equipment.

However, we do not believe that productivity over the long-term future will return to the high post-World War II levels of the 1950's and 1960's. Only our optimistic assumption (alternative I) reflects productivity increases of that level. The assumed ultimate productivity increase for the intermediate (alternative II-B) set is at about the same level as the average for 1953-83.

In addition to projecting productivity increases for all workers in the U.S. economy, we have attempted to measure separately the past and project future increases in productivity for wage and salary workers, and for the self-employed (proprietors and partners). In order to separate historical total productivity in this way, we: (1) obtained separate counts of hours worked by self-employed persons from the BLS, and (2) computed the portion of the GNP that is attributable to the self-employed using data in the National Income and Product Accounts (NIPA). Separate analysis of productivity for the wage and salary workers and the self-employed facilitates separate analysis of average earnings increases for these two groups. For the 1984 Trustees Report, ultimate increases in productivity were assumed to be the same for the wage and salary workers and the self-employed.

Tables 3A, 3B, 3C, and 3D present historical increases in productivity indexes for the total U.S. economy, the private nonfarm business sector, and the wage-and-salary and the self-employed components of the total U.S. economy. Tables 6B, 6C, and 6D summarize both past and assumed future rates of increase in productivity for the total U.S. economy, wage and salary workers, and the self-employed, respectively.

The reader may notice that the assumed ultimate rates of productivity increase are not necessarily even, round values. Assumed productivity increases must be consistent with assumed increases in average real earnings, and with the linkages between productivity and earnings. Although we consider productivity to be our most fundamental economic parameter from a theoretical perspective, the assumed rates of increase in average real earnings more directly influence the financial status of the OASDI system, and, as a result, are more frequently cited in this context. Therefore, we choose to project increases in average real earnings (differential) in round, even rates for the purpose of easy citation and allow assumed productivity increases to take on uneven values so that consistency is maintained.

## 2. Average Real Earnings

Two different analyses are used to aid in the projection of the annual increases in average real earnings. The first is a direct analysis of the past annual increases in average real covered earnings. The second is an examination of experience on productivity, average real earnings, and the linkages between the two for the total U.S. economy. This is followed by an examination of the relationship between earnings in the U.S. economy and covered earnings. Although our primary goal is the analysis of average earnings for all workers, a subdivision into earnings of wage and salary workers and earnings of the self-employed provides additional insights into historical data and facilitates projection of future values.

### a. Direct Analysis

Tables 4A, 4C, and 4D show historical average real covered earnings (indexed to 1967 by the CPI-W) for all workers, wage and salary workers, and the self-employed, respectively, along with the average annual increases over selected intervals. The annual increase in average real earnings has fluctuated between 5.23 percent in 1953 and -4.99 percent in 1980. The moving averages shown in Table 4A reveal that the general trend since the mid-1960's has been downward. Few analysts believe that the future trend of average real earnings will be to continue downward, or even to level off at the current low level. A significant increase in average real covered earnings has already been registered for 1983 and continued economic expansion promises more for 1984.

Many factors have affected average real earnings in the past and can be expected to affect average real covered earnings in the future. It is difficult to enumerate all of these factors and even more difficult to quantify their effects. We have quantified the effects of the changing age-sex composition of covered workers, albeit imperfectly. Because average earnings vary by age and sex, a change in the composition of the workforce affects the average for all workers combined. Table 4B shows the annual increases in average real covered earnings, age-sex adjusted according to the age-sex distribution of covered workers in 1970. Thus, Table 4B is a modification of Table 4A that permits us to quantify the effects of the changing age-sex composition of covered workers on average real earnings for all workers combined.

The average real earnings level for each specific age-sex group is the same in Table 4B as in Table 4A, but for each year the weighting of each age-sex group in Table 4B is the number of covered workers in 1970, while the weighting in Table 4A is the number of covered workers for the specified year. Estimates of average earnings by age and sex are based on median earnings data available through 1979. Age-sex relative earnings levels are assumed to remain constant after 1979 for Table 6. The analysis shows that since 1951, the changing composition of the workforce has had a dampening effect on increases in average real earnings. The average annual increase over the 30-year period 1953-83 was 0.91 percent, but it was 1.01 percent on the age-sex adjusted basis. It also shows that this demographic effect on average real earnings has recently reversed. Our analysis, based on the

expected future age-sex distribution of covered workers, shows that there will be a favorable trend from now until 1995, adding roughly 0.5 percent to the annual increase in average real earnings, and that after 1995, the demographic effects should be of little consequence.

This demographic labor force composition effect (which has depressed the growth in average real earnings in the past but will likely aid in its growth in the near future) is the result of the increasing labor-force participation of women and the movement through the various working ages of the large baby-boom generation. Recent increases in the labor force participation of women and the coming of working age by the baby-boom generation have introduced large numbers of inexperienced workers, thus bringing down the average earnings level. As the increases in the labor-force-participation rates for women decelerate, the depressing effect of the earlier rapid increases on average real earnings will diminish. Average real earnings have also been depressed while the baby-boom generation was entering the labor force, but will be enhanced as the baby-boom generation reaches the age of prime earning power.

b. Analysis in Relation to Productivity

Because, over a long period of time, increases in average real earnings are only possible if productivity increases, our second analysis of annual increase in average real earnings is based on the analysis of the productivity of workers and of the linkages between their productivity and their average real earnings. Because productivity and related data are available for the total U.S. economy, but not for the OASDI covered economy, this analysis is done in two stages. First we analyze the historical relationship between productivity and average real earnings in the U.S. economy, and then we examine the relationship between average real earnings in the U.S. economy and average real earnings of OASDI covered workers.

(1) Productivity and average earnings in the U.S. economy

The relationship between productivity (production per hour paid) and average real earnings for the U.S. economy <sup>5/</sup> can be summarized in the following formula:

$$\frac{\text{Production}}{\text{Hour}} \cdot \frac{\text{Compensation}}{\text{Production}} \cdot \frac{\text{Earnings}}{\text{Compensation}} \cdot \frac{\text{Hours}}{\text{Week}} \cdot \frac{\text{GNP Deflator}}{\text{CPI-W}} \cdot 52 = \frac{\text{Real Earnings}}{\text{Week}} \cdot 52$$

From this equation additional insight into increases in average real earnings can be obtained by analyzing increases in productivity and changes over time in each of the above linkages. Table 6B summarizes the average annual changes in each of these factors over the period 1953 to 1983. Tables 3 and 5 show historical levels and rates of increase in production and average real earnings for the U.S. economy.

<sup>5/</sup> Data considerations described in Section B.2.b. require analysis of average earnings per week for the U.S. economy.

Tables 6B, 6C, and 6D show that the decline in the growth of average real earnings has been the result of declines in the growth of productivity and declines in the linkages. The first linkage is the ratio of compensation to production. This ratio is calculated by dividing the total worker compensation in the U.S. economy by the Gross National Product. Compensation is measured by the Bureau of Economic Analysis (BEA) of the Department of Commerce and is reported in the National Income and Product Accounts (NIPA) as total employee compensation, for wage and salary workers, and as net proprietors income, for the self-employed. The method we use to subdivide GNP into the component attributed to wage and salary workers and that attributed to the self-employed is described in Section E.4.

Tables 21 and 21A through 21D provide a detailed presentation of the historical and projected values of the ratio of compensation to GNP. The ratio of compensation to production for wage and salary workers has dropped from 0.664 in 1958 to 0.642 in 1983, while the decline for the self-employed has been much greater--from 0.831 in 1953 to 0.589 in 1983. We assume some continued decline in the ratio for wage and salary workers until a level of about 0.637 is attained in 1994. For the self-employed, a recovery in the ratio is assumed to occur to match the level of the wage and salary workers by 1994. After 1994, no change in this linkage is assumed to occur.

The second linkage is the ratio of earnings to compensation, which has had a depressing effect on the growth in average real earnings. For the self-employed, compensation and earnings are defined as being equal and thus no change in the ratio for the self-employed occurs. For wage and salary workers total employee compensation includes fringe benefits in addition to wages and salaries. The decline in the ratio of wages to compensation is the result of fringe benefits increasing at a faster rate than wages. Because fringe benefits offer both employers and employees many advantages, they can be expected to continue to grow faster than wages.

In many cases, fringe benefits are more desirable to employees than wages, because fringe benefits are often afforded better tax treatment and because they often provide, on a group basis, benefits that are either unavailable or much more expensive on an individual basis. Fringe benefits can also help employers to compete for new employees and to retain experienced ones. Therefore, more workers can be expected to be covered by fringe-benefit plans in the future; and most of those that are covered can expect an expansion in the types of benefits provided. In addition, the costs of many types of benefits, such as health insurance and pension plans, are rising faster than wages even without a liberalization in plan provisions. For all of these reasons, we believe that there is still much potential for continued faster growth in fringe benefits relative to wages. <sup>6/</sup> The assumed ultimate rate of decline in this ratio is 0.1 percent, 0.2 percent, 0.3 percent, and 0.4 percent for alternatives I, II-A, II-B, and III, respectively, based on the present-law tax treatment of fringe benefits.

---

<sup>6/</sup> See, Wilkin, Gresch, and Glanz, "Growth in Fringe Benefits," Actuarial Note Number 113, Social Security Administration, Baltimore, MD, June 1982.

The third linkage is the number of hours paid per week, which has also had a depressing effect on the growth in average real earnings over the past 30 years. In the analysis of the average number of hours paid per week, we used the figures published by the BLS in Employment and Earnings for "production or nonsupervisory workers on private nonagricultural payrolls" in the U.S. economy. Although this index does not cover the total U.S. economy (in particular, it excludes all self-employed), it is the only index currently available. Any error introduced into our historical analysis by assuming that this index applies for the total U.S. economy is reflected in the residual factor. The decline in the number of hours paid per week has been fairly steady over the last 30 years. Some of the factors contributing to this decline are the relative increase in young workers and female workers in the labor force (both groups work fewer hours than the average), the relative increase in employment of service industries versus manufacturing, and a desire by labor to work fewer hours (particularly when their average real earnings are increasing). We believe that this decline in the average number of hours paid per week will continue into the future, but at a slightly slower pace than in the past. We are assuming an ultimate annual rate of decline of 0.1, 0.2, 0.3, and 0.4 percent for alternatives I, II-A, II-B, and III, respectively (Table 6B).

The fourth linkage, sometimes referred to as "price adjustment," is the ratio of the GNP price deflator index to the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W). This linkage is necessary because productivity and real earnings are customarily expressed in constant, or real, dollars by dividing by the GNP price deflator and the CPI-W, respectively. Thus, an adjustment for the difference in these price indexes is necessary when comparing (real) productivity with real earnings. Although these two indexes may indicate different rates of price increase over relatively short periods, they tend to rise at about the same rate over an extended period. For this reason, we assume that these indexes will rise at essentially the same rate in the future.

A final factor which must be included in the historical analysis is the residual. It includes the errors due to any inconsistencies in the other linkages as well as any statistical discrepancies among the other figures. The residual amounts to a loss of 0.09 percent per year between average productivity and real earnings increases over the past 30 years (Table 6B). Future assumptions are, of course, assumed to include no error, and no statistical discrepancy, and thus the residual is assumed to be zero.

(2) Average earnings in the U.S. economy versus average earnings for OASDI covered workers

Three factors contribute to the differences between our measures of average real earnings for the U.S. versus those for OASDI covered workers. First, over the years since the Social Security Act was passed in 1935, many changes in the types of workers included in covered employment have been made. These changes have sometimes resulted in increases in the average covered earnings level relative to the level for the U.S. economy and have sometimes resulted in decreases. The second factor is the changing relative earnings levels of workers in different sectors of the economy. These changes can cause average covered earnings to rise or fall relative to

average U.S. earnings even when Social Security coverage is stable. Third, the fact that average earnings in the U.S. economy are actually calculated as average weekly earnings multiplied by 52 (see section B.2.b.) means that any change in the average number of weeks worked per year will cause a similar change in the level of average covered earnings relative to the level of U.S. earnings.

Over the past 30 years, average real covered earnings have increased at an average annual rate of 0.91 percent (Table 4A) compared with an average increase of 0.77 percent for U.S. earnings (Table 5A). We believe that most of this difference is attributable to changes in Social Security coverage and changes in relative earnings levels for different types of workers. We also believe that the impact of changes in the average weeks paid per year is less significant, partly because our efforts to quantify this factor have led us to estimates that vary widely (and even have opposite sign).

Because we have not as yet successfully quantified the three factors mentioned above, Table 7 compares changes in average earnings in the U.S. with changes in average covered earnings through two descriptive, if not necessarily explanatory, linkages. The first, the ratio of average weekly U.S. employed labor force to annual covered employment, has declined by 0.58 percent per year from 1953 to 1983 as Social Security coverage has been increased. The second, the ratio of total covered earnings to total U.S. earnings has increased at the rate of 0.72 percent per year over the same period for largely the same reason. Over the next 30 years, both of these trends are expected to continue as Federal civilian employees hired after 1983 are included in the covered economy. However, we project the pace to slow considerably. Ultimately, by the year 2015, such changes in coverage are expected to be essentially complete, and thereafter the relative distribution of types of workers in the U.S. and the OASDI covered economies are assumed to stabilize. Average weeks worked per year is assumed to be stable after 1983. As a result, ultimate increases in average earnings are assumed to occur at essentially 7/ the same rate in both the U.S. and covered economies.

### c. Summary

Based on the direct analysis of expected future increases in average real covered earnings and the parallel analysis in relation to productivity, ultimate average annual real earnings "differentials" of 2.5 percent, 2.0 percent, 1.5 percent, and 1.0 percent were adopted for the 1984 Trustees Report assumptions, alternatives I, II-A, II-B, and III, respectively. The

---

7/ Ultimately average self-employment income (SEI) is assumed to rise slightly faster than average wage and salary earnings in the U.S. economy. The assumed ultimate percentage of U.S. earnings that is covered is lower for SEI than for wages and salaries. The lower assumed rate of coverage for the self-employed who have a higher assumed rate of earnings increase depresses very slightly the assumed overall rate of earnings increase for all covered workers relative to the assumed rate of increase for all U.S. workers.



corresponding ultimate compound real rates of growth in average covered earnings are 2.45 percent, 1.94 percent, 1.44 percent, and 0.95 percent, respectively. Assumed increases shown in Table 10 of the 1984 Trustees Report as average-covered-wage increases were actually used to represent increases in average covered earnings.

### 3. Price Indexes

Two price indexes play roles in our economic projections. These are the Consumer Price Index (CPI) and the GNP price deflator. Although these indexes measure price changes for different items, their growth rates over an extended period tend to be similar. The difference in the average annual increase in these indexes from 1953 to 1983 was only 0.04 percent (see "price adjustment" in Table 6B). For this reason, and because the CPI plays a more directly important role in the financial status of the OASDI program, we focus our analysis primarily on the CPI. Future rates of increase for the GNP price deflator are assumed to be essentially the same as those assumed for the CPI.

The CPI is a measure of the average change in prices over time in a fixed market basket of goods and services that people buy for day-to-day living. It has been published monthly since 1913 by the Bureau of Labor Statistics (BLS). In 1978, the BLS began publishing CPI's for two population groups: (1) a new CPI for all Urban Consumers (CPI-U), which covers approximately 80 percent of the total noninstitutionalized civilian population; and (2) a revised CPI for Urban Wage Earners and Clerical Workers (CPI-W), which represents about half the population covered by the CPI-U. Although the CPI-U is the index most often quoted by BLS, the CPI-W is consistent with the CPI as it existed in 1972 when the Social Security automatic-adjustment provisions were enacted, and it is the index currently used to adjust Social Security benefits (see 20 CFR 404.272). Therefore, the CPI-W is the index projected in this study.

Beginning with January 1985, the BLS changed the way that homeowner costs are measured in the CPI-W to rental equivalence. This change was already made for the CPI-U as of January 1983. The rental-equivalence approach calculates homeowner costs on the basis of the estimated rent that owners would have to pay to rent the homes they own. The old method calculated homeowner costs on the basis of newly purchased homes and included the prices of homes, mortgage interest costs and property taxes, insurance, and maintenance and repair. The weights for home purchase and mortgage interest represented only persons who purchased homes in the base period. Although from the late 1960's through 1981, the rental-equivalence index generally has risen more slowly than the old homeowner cost index, the opposite has been true more recently. We believe that the impact of this change on the CPI-W will be small enough so that analysis of past experience in the CPI-W will continue to be a valid basis for projecting future long-range trends.

Since 1913, the CPI has increased at an average annual rate of 3.3 percent. The annual increases have fluctuated widely between +17.4 percent in 1918 and -10.7 percent in 1921, making the detection and projection of trends difficult. In order to obtain a smoother time series, average annual increases over selected intervals have been calculated. These increases in the CPI are shown in Table 8A.

The 10-year moving average does a good job of smoothing out the fluctuations of the annual increases in the CPI. The 10-year average ending in 1983 of 8.37 percent is slightly below the recent peak of 8.71 percent for the period ending 1982. However, this averaging also reveals that there has been a cyclical pattern of about 30 years duration. Thus, the 30-year moving average is a good choice in trying to discern whether or not there has been a long-range underlying trend in the CPI. This average shows a steady upward trend from 1.25 percent for the 30 years ending in 1951 to 4.47 percent for the 30 years ending in 1983. The 1983 decrease in the 10-year average, the first decrease since 1967, may foretell a turnaround, or at least a leveling off of the upward trend in the 30-year average. Preliminary figures for 1984 indicate that this may indeed be the case.

Of course, a numerical review of historical figures is only the first step in making projections for the future. Although the 30-year average increase in CPI has been steadily increasing since the end of World War II, we must look behind these trends and try to determine the underlying factors that have caused them. This is particularly the case when the factors that had a controlling effect in the past are not expected to do so in the future.

While past experience (as in the 1950's) has shown that restrictive fiscal and monetary policies are effective (although not perfect) tools for fighting inflation, these restrictive policies also result in an increase in unemployment. During "demand-pull" inflation, which occurs when demand exceeds the productive capacity of the economy, and when unemployment is low, restrictive policies can be applied relatively painlessly while effectively lowering inflation. These policies are less effective and certainly less desirable, however, in the face of "cost-push" inflation (as was experienced during the 1970's), when unemployment may already be high.

Of course, one of the purposes of government spending is to provide the public with needed income, goods, and services that would not otherwise be available. This obligation limits the government's ability to influence aggregate demand in the economy in order to optimize levels of employment and inflation. The effectiveness of fiscal policy will always be tempered by competing social objectives.

The primary objective of monetary growth is to accommodate real economic growth, at least in the long-run. Recent experience has shown us that a tight monetary policy, while very effective at lowering demand and thus lowering inflation, also results in a depressing effect on growth in real GNP. On the other hand, continued loose monetary policy results in unsustainable economic growth and inflation.

We see continued limitations on the government's ability to effectively regulate inflation in the future through fiscal and monetary policy. Moreover, problems such as large federal deficits and foreign debts held by U.S. banks will require continued consideration of accommodative monetary policies in the future with the consequent risk of higher inflation.

The effectiveness of the OPEC oil cartel in raising oil prices during the 1970's shows that "cost-push" inflation can be started by events outside of our country, and outside of our control. We should be aware that similar episodes of price hikes by foreign producers of various goods and materials could occur at any time with significant, and somewhat uncontrollable, effects on inflation. However, we do not believe that the impact of such occasional disturbances will be as great in the future, on average, as was the impact of oil prices during the 1970's.

The demographic shift in covered workers during the 1970's has already begun to turn around (see the preceding section on average earnings). The fiscal and monetary accomodation for the purpose of job creation that was warranted during the 1970's should be lessened in the future, thus reducing inflationary pressure.

In the past, inflation has not been a totally bad phenomenon. Its effects have been helpful to some. For example, prior to indexing of Federal income tax brackets, inflation resulted in continual increases in the average tax rate without any legislation allowing the Congress and the President to occasionally cut marginal tax rates and increase exemptions and still increase overall tax revenues as a percentage of national income. Also homeowners with fixed-rate mortgages saw the size of their monthly payments decline in real terms as inflation compounded. In the future, with indexed tax brackets, and variable-rate mortgages, which now comprise about two-thirds of new mortgages, these reasons for welcoming inflation will diminish greatly.

The future course of inflation is uncertain. Overall, factors which have driven inflation in the past and those we can foresee for the future seem to be balanced and thus suggest that neither extremely high nor extremely low rates of inflation will prevail. For the 1984 Trustees Report, the assumed ultimate rates of increases in CPI-W are 2.0 percent, 3.0 percent, 4.0 percent, and 5.0 percent for alternatives I, II-A, II-B, and III, respectively. The past and projected annual increases in the CPI-W are shown in Table 8B.

#### 4. Unemployment Rate

Our aggregate projection method requires assumed future rates of unemployment for both the expected actual economy and the expected full-employment economy. The average method requires only projected actual rates.

##### a. Full-Employment

Full-employment unemployment rates are assumed to be fixed rates for each age-sex group, representing the lowest sustainable (noninflationary) rates of unemployment in a normally operating economy. The total full-employment unemployment rate (shown in Table 16) thus changes through time as the age-sex distribution of the labor force changes. From 1950 through 1980, the total full-employment rate rose from 4.1 percent to 4.6 percent. This rate is projected to decline from a level of 4.5 percent for 1983 to ultimate levels of 4.3 percent, 4.2 percent, 4.2 percent, and 4.0 percent for alternatives I, II-A, II-B, and III, respectively.

The reader may note that the assumed level of the total full-employment unemployment rates seem to be opposite to the optimistic vs. pessimistic concepts of the alternative sets of assumptions. For example, the ultimate

full-employment unemployment rate is highest for alternative I (optimistic). This results from the high assumed birth rates for this alternative and the consequent higher concentration of younger persons in the labor force through the end of the 75-year projection period.

b. Actual

Since 1947, the actual unemployment rate has fluctuated between a low of 2.8 percent in 1953 and a high of 9.5 percent in 1982, as shown in Table 9A. Because the unemployment rate fluctuates widely with the business cycle, it is useful to average several years of data together. Table 9A also shows the average unemployment rate over selected intervals. The recent increases in the aggregate unemployment rate have had a strong influence on even the relatively long-range periods. For example, the 15-year moving average, which was quite stable around 4.8 percent from 1961 through 1974, has since risen steadily to its current level of 6.5 percent for the period ending with 1983.

The recent high unemployment rates are the result, in part, of the changing age-sex composition of the labor force, the restructuring of the labor force to take advantage of improvements in technology, the extension of unemployment benefits, and the recently disappointing performance of the U.S. economy. A large part of the reason for the recently disappointing U.S. economic growth is the deterioration in our competitive position with foreign products resulting from trade barriers, health and safety regulations, and high domestic labor costs.

The increase during the 1970's of the proportion of women and youth in the labor force has caused some of the increase in the aggregate unemployment rate because women and youth experience higher levels of unemployment than adult males. While the actual 15-year average unemployment rate rose 1.8 percentage points from 4.7 to 6.5 percent in the period 1964 to 1983, the age-sex adjusted 15-year average rate rose only 1.4 percentage points--from 5.1 to 6.5 percent.

Many of the technological advances made over the past decade have resulted in new equipment and methods in the office and in the factory. Office automation and factory robotization have eliminated many clerical and blue-collar jobs, while creating many other jobs that require a higher level of technological training. This has made it necessary for the present labor force to retrain for new careers, leading to higher unemployment rates during the transition. Of course, the permanent loss of certain occupations and the creation of new ones is always a part of our dynamic economy, but the recent losses in such industries as automobiles and steel and gains in such industries as computers and telecommunications have been at historically fast rates due to both advances in technology and the need to modernize in order to meet foreign competition.

For some members of the labor force, the extension of unemployment benefits has served as a disincentive to seeking new employment. As mentioned before, the poor performance of the economy during the 1970's must be viewed as atypical. To a large extent, it was the result of such factors as the oil and food price shocks, increased regulation, and rapid growth of the labor force. Although the future will not be free of periods of poor economic performance, future experience is expected to be better, on average, than that of the 1970's.

Based on consideration of these factors, average ultimate age-sex adjusted unemployment rates of 5.0, 5.5, 6.0, and 7.0 percent were selected for alternatives I, II-A, II-B, and III, respectively. The age-sex specific rates were determined based on their past relationship with the age-sex adjusted rate. Past and projected unemployment rates by age group and sex are shown in Tables 9E through 9H. The difference between full-employment and actual assumed ultimate aggregate unemployment rates is 0.4 percentage points, 1.1 percentage points, 1.3 percentage points, and 2.1 percentage points for alternatives I, II-A, II-B, and III, respectively, reflecting the different levels of optimism assumed.

## 5. Labor Force Participation Rates

As with unemployment rates, our projection methods require both assumed actual and assumed full-employment rates of labor force participation.

### a. Actual

As shown in Table 10C, from 1947 to 1983 the age-adjusted female labor-force-participation rate rose from 30.1 percent to 53.1 percent, a relative increase of over 75 percent. Because of this substantial increase, the overall age-sex-adjusted total labor-force-participation rate rose by almost 15 percent, relatively, from 56.2 percent to 64.3 percent, during the period 1947-83, even while the age-adjusted labor-force-participation rate of males was dropping from 84.5 percent to 76.5 percent.

The decision to participate in the labor force depends upon many factors, including a person's marital status, the presence of a disabling condition, the state of the economy, the presence of children in the family, and for older workers, the availability and level of retirement benefits. We have compared the trend in the labor-force-participation rate for each age group and sex separately with the trend in each of these factors.

Since 1947, the labor-force participation of women has increased substantially at all ages except for ages 65 and over, with the largest increases being between ages 25 and 50. The increases have coincided with a decrease in the percentage of women who are married and a decrease in the number of children per woman. Except for alternative III, under which fertility rates are assumed to continue to decrease, both the percentage of women married and the number of children per woman are projected either to stay at about current levels or to increase. Therefore, these factors are not expected to continue pushing up participation rates for females to higher levels, as they have done in the past. The effect may actually be reversed. However, we believe that these factors account for only part of the recent increases and that such increases reflect fundamental changes in our society, especially with regard to the opportunities, rights, perceived abilities, and responsibilities of women. We expect this underlying trend to continue and have assumed that it will result in the labor-force-participation rates of women under age 55 being roughly 10 percentage points higher, by the year 2005, than they would be if only further changes in fertility and marital status were considered. Because recent increases in the labor-force-participation rates of the relatively young cohorts of women are likely to result in increased participation during the remainder of their working lifetimes, we believe that as these cohorts age, further increases in the labor-force-participation rates of relatively older women will be slightly higher than those of younger women.

The labor-force-participation rates of men declined between 1947 and 1983 for virtually every age group, with the largest decreases occurring at the highest ages. The rates dropped by between 2 and 5 percentage points for ages 25 through 54, but by between 13 and 35 percentage points for ages 55 and over. The small decreases for the prime working ages may be the result of the increasing competition from females and increased amounts of time necessary for retraining between jobs. The large decreases at the older ages occurred both because of these factors and because of the general trend toward earlier retirement. This latter trend, which is also displayed in the participation rates of older females, has been facilitated by more prevalent and richer pension plans (including Social Security) and by increased personal savings.

In our projection for the future, we are not assuming any underlying trend in the participation rates of males between ages 25 and 50. For males age 50 and above and for females aged 65 and above, we are assuming that a continuation of the recent trend toward earlier retirement will result in future participation rates that are a few percentage points lower than would be indicated by the other factors considered. Projected rates also reflect an increase in the labor-force participation of workers aged 62 and over beginning in the year 2000, because of the provision in the Social Security Amendments of 1983 that raises the normal retirement age from 65 to 67 during the period 2000 to 2022.

For both males and females, we are assuming that the labor-force-participation rates of persons under age 20 will increase significantly as the number of teenagers decreases. Also, for all ages and both sexes we are assuming an increase in labor-force participation as the economy moves from the 9.4-percent unemployment rate in 1983 towards fuller employment.

The past and projected labor-force-participation rates by age group, sex, and alternative are shown in Tables 10A through 10H. The total rate for all persons aged 16 and over is projected to change from 64.3 percent in 1983 to 65.8 percent, 60.6 percent, 59.4 percent, and 50.6 percent in 2060 for alternatives I, II-A, II-B, and III, respectively. Except for alternative I, the total rate decreases even though large increases are assumed for most of the age-specific rates for women. This results from the large increase in the portion of the population that is age 65 and over, where the rates are low. On an age-sex-adjusted basis, however, the rates increase significantly for all four alternatives from 64.3 percent in 1983 to 69.8 percent, 68.7 percent, 67.5 percent, and 66.4 percent in 2060 for alternatives I, II-A, II-B, and III, respectively.

#### b. Full Employment

The relationship between full-employment and actual labor-force-participation rates is analyzed for past years in relation to differences between the full-employment and actual unemployment rates. Based on this relationship and assumed future rates of actual labor force participation, actual unemployment, and full-employment unemployment, the assumed aggregate rates of full-employment labor-force participation for the

year 2060 are 66.0 percent, 60.9 percent, 59.9 percent, and 51.4 percent for alternatives I, II-A, II-B, and III, respectively (see Tables 16A through 16D). These rates exceed the assumed rates of actual aggregate labor force participation by 0.2 percentage points, 0.3 percentage points, 0.5 percentage points and 0.8 percentage points, for alternatives I, II-A, II-B, and III, respectively, reflecting the relative levels of optimism assumed.

## 6. Real Interest Rate

The assets held by the OASDI Trust Funds are generally invested in U.S. government securities. The rate of interest paid on the OASDI Trust Funds' investments plays a role in determining the future financial status of the program.

Over the period 1961 through 1983, the average of the annualized real interest rates for monthly new issues was 1.6 percent. For the purpose of analysis, those years can be split into three fairly distinct periods. For 1961 through 1972, the average real rate was 2.1 percent; for the years 1973 through 1980, the average real rate was -0.8 percent; and for 1982 and 1983 the average real rate was 7.1 percent. We believe that the experience since 1972, which includes a period of negative real interest followed by a shorter period of very high real interest, is not likely to be representative of the future. We believe that the experience of 1961 through 1972, during which real interest for new issues for the trust funds averaged 2.1 percent, is a better indicator of the future.

The ultimate assumed rates of real interest are 3.0 percent, 2.5 percent, 2.0 percent, and 1.5 percent for alternatives I, II-A, II-B, and III, respectively. Past and projected rates are shown in Table 11.

## E. METHODS

Two separate tracks of development are utilized in order to interrelate all the various economic parameters necessary to make projections of the financial status of the OASDI program. These tracks, the aggregate method and the average method, were outlined and discussed in general terms in Section C.

The primary advantage of the aggregate method is that the development of actual GNP from the relatively smoothly growing potential GNP and productivity index permits careful analysis of historical and possible future economic cycles. For more distant future periods when actual GNP is assumed to grow in tandem with potential GNP and productivity, consideration of cycles is unnecessary, and the average method becomes a more efficient means to the ultimate projection of effective taxable payroll.

Historically, the aggregate method has been the dominant approach for projecting economic parameters for the first 10 projection years. The aggregate method facilitates continuation of the current economic cycle and the transition toward a stable rate of economic growth, which is best measured by real growth in actual GNP. Continuation of economic

projections for later years (when steady, average growth rates are assumed with no attempt to model business cycles) has historically been made with an emphasis on the average method. The relationship between potential and actual GNP is projected to stabilize soon after the tenth projection year and thus be of less significance for subsequent projections.

In the final analysis, neither track of development should be seen as fundamental, because for all projection years, the impact of each assumption is considered in the context of both methods, and the assumption or the method is adjusted when unreasonable or inconsistent projections result from either method. In this way, the two tracks of development become valuable checks on the accuracy and reasonableness of the overall results of our economic projections. We believe, however, that the aggregate method is more useful in preparing short-run projections, while the average method yields better dividends in the preparation of long-run projections.

The descriptions that follow in this section show how values for more involved economic parameters in both the aggregate and average methods are developed based on the assumptions for more basic parameters, which are described in Section D.

## 1. Employment

The basic employment parameters that are utilized in our projections are the labor force and the employed labor force for the total U.S. economy and the covered workers, i.e., workers with any OASDI taxable earnings at any time during the year, for the OASDI covered economy. Labor force and employed labor force, on the other hand, actually reflect average weekly numbers for each year (see Section B.2.a.). This distinction is relevant when comparing numbers of covered workers to the employed labor force, as shown for the historical period in Table 15.

### a. Labor Force and Employed Labor Force

The average (weekly) numbers of persons in the labor force (including the military both at home and abroad) for both full-employment and actual conditions are determined by multiplying the age-sex-specific labor-force-participation rates (Section D.5.) by the corresponding numbers of persons in the U.S. noninstitutionalized population (Table 2). Past and projected labor force by age-group, sex, and alternative is shown in Tables 13A through 13G.

The average employed labor force for a year is computed for both full-employment and actual conditions by multiplying the total (average weekly) labor force by the complement of the total (average weekly) unemployment rate. Projections of total employed labor force are shown for full-employment and actual conditions in Tables 16 and 17, respectively.

### b. Covered-Worker Rates

The projected covered worker rates for each year are calculated by age and sex with modified regression equations on the actual labor-force-participation rates and the age-sex-adjusted actual unemployment rate. The regression analyses are based on data that start in the mid-to-late 1950's,



because significant changes in the OASDI coverage of employment were enacted in 1954 and 1956, which changed the relationship between labor-force-participation rates and coverage rates. The specific starting year of the regression analysis is chosen for each age group and sex separately, based on when the relationships between the labor-force-participation rates and the covered-worker rates appear to become stable after the changes in the law. The regression analyses end with data for the year 1979, the last year for which data on covered workers were available. In the regression analyses, more weight is given to the more recent years so as to more accurately reflect the effect of several minor changes in coverage that have occurred since 1955 and to provide for a smoother junction between historical rates and projected rates. For example, the data for the starting year are given one-half of the weight given to data for the final year of 1979.

No specific parameter is introduced into the regression equations to "explain" the fact that covered-worker rates relate to persons with any work during the year while labor force and unemployment are average weekly parameters because (1) no reliable historical data for average weeks worked per year are available, and (2) we assume that no significant time trend exists for the average number of weeks worked per year.

It was necessary to modify the historically-derived regression equations to produce reasonable coverage rates for labor-force-participation rates that were projected to increase significantly above the historical values used in the regression analysis. The modification was designed so that, as the labor force participation rates approached 100 percent and unemployment rates approach zero, the coverage rates would approach a value slightly less than 100 percent. Coverage rates were not allowed to reach 100 percent because, even if the total noninstitutionalized U.S. population were in the employed labor force, not everyone who is employed is covered under the law, and also because the institutionalized population is included in the denominator of coverage rates. Tables 12A through 12G show the past and projected covered-worker rates by age, sex, and alternative.

#### c. Covered Workers

The average (annual) numbers of OASDI covered workers for each year are determined by multiplying the age-sex-specific covered-worker rates by the corresponding numbers of persons in the Social Security area population (Table 1).

Past and projected numbers of covered workers by age group, sex, and alternative are shown in Tables 14A through 14G.

### 2. Average Real Earnings and Average Real Covered Earnings

Although average real earnings and average real covered earnings are shown as derived parameters in the outline of the average method (Section C.) projected values were selected based on both direct analysis of the historical series and development of the more basic parameters. A discussion of this method is presented in Section D.2.

### 3. Potential (Real) GNP

When analyzing and projecting aggregate economic experience, we have found the basic concept of potential real GNP to be a very useful tool. This

concept has the important characteristic of providing a smooth baseline series, which can be projected more easily than a series that fluctuates with economic cycles. Of course, the usefulness of potential real GNP goes beyond mere smoothness and ease of projection. Once the potential real GNP series is developed, the ratio of actual real GNP to potential real GNP is a readily understood measure, which reflects the position of the economy within the business cycle.

Table 16 shows estimated historical potential real GNP (in 1972 dollars). Estimates for years 1950 through 1980 were produced by the Council of Economic Advisors. Potential GNP is presented as the product of four factors. The first factor is the average full-employment employed labor force during the year, which is labeled "Employment" in the table. The second factor is the average level of real output per hour paid (or productivity) during the year for the full-employment employed labor force. The third factor is the average number of hours paid per week, as measured by the BLS for the total private nonagricultural sector of the economy. The fourth factor is the 52 weeks in a year (see Section B.2.b.). For the historical data, the productivity factor was calculated as the residual. As such, this factor represents the average full-employment productivity for the entire U.S. economy, in contrast with the figures for the actual productivity shown in Table 3A.

Changes in technology are an important factor in analyzing past and future growth in potential GNP. In our analysis, the contribution of technological changes is included in productivity, and thus no separate factor is required in Table 16.

Projections of potential real GNP by the aggregate method are summarized in Tables 16A through 16D. These are based on assumed future rates of change in productivity, employed labor force, and average hours worked per week under full-employment conditions, as discussed in Section D., Assumptions.

#### 4. Actual Real GNP

For the first few years of the projection, percentage rates of change in actual real GNP are postulated by calendar quarter for each alternative, taking into account the current status of the economy within the business cycle and the plausible change in this status which is consistent with the outlook for that alternative. For 1984, the resulting ratios of actual GNP to potential GNP ranged from 94.1 percent for alternative I to 92.8 percent for alternative III. Since 1950, this ratio has fluctuated between 103.1 percent (in 1951) and 90.9 percent (in 1982), averaging about 98 percent. When the economy is operating at its deemed full-employment level, the actual-to-potential ratio is by definition 100 percent. Regression analysis of age-sex-specific unemployment rates on the actual-to-potential ratio shows that ratios of 99.1 percent, 98.1 percent, 97.1 percent, and 95.3 percent correspond to the ultimate age-sex-adjusted unemployment rates of 5.0 percent, 5.5 percent, 6.0 percent, and 7.0 percent assumed for alternatives I, II-A, II-B, and III, respectively. After extending the current economic cycle through about 1985, actual real GNP is assumed to grow at an annual rate of 4.0 percent, 3.5 percent, 3.0 percent, and 2.7 percent for alternatives I, II-A, II-B, and III, respectively, until the ratio of actual to potential GNP reaches its ultimate level during 1990 or

or 1991. Once the ultimate actual to potential GNP ratio is obtained, actual GNP is assumed to increase at same rate as potential GNP.

For each alternative, projected nominal GNP is obtained by multiplying the real GNP by the projected GNP implicit price deflator. The deflator is assumed to increase at the same rate as the CPI during the projection period.

Tables 17 and 17A through 17D show the employment, productivity, and hours per week that correspond with the actual GNP. The actual employment for projection years prior to reaching ultimate values is obtained by first deriving the actual unemployment rates from the ratio of actual to potential GNP using historically-based regression equations. Then actual labor-force-participation rates are projected in relation to full-employment participation rates, based on the relationship between projected actual and potential GNP, again using historically-based regression equations. Finally, the actual participation rates and unemployment rates are applied to the noninstitutionalized U.S. population to determine the projected actual level of employment. Average hours paid per week are projected as described in Section D.2.b. and are assumed to be the same as for full-employment conditions. Average weeks per year are assumed constant at 52 (see Section B.2.b.). Productivity rates shown in these tables are calculated as the residual and thus show some year-by-year variation although, over the ultimate period 2015 through 2060, the average rate of increase is, of course, consistent with the assumed values discussed on Section D.1. The residually-determined values for actual productivity for historical years do not exactly match those computed based on government data for the total economy, because of the simplified representation of changes in hours worked adopted for these tables.

We have separated GNP into components attributable to the work of wage and salary workers and to the work of proprietors and partners. These separate values are shown in Tables 18 and 18A through 18D. Separate components of GNP are necessary for separate historical analysis of productivity for the wage and salary workers and for the self-employed workers, as discussed in Section D.1.

## 5. Effective Taxable Payroll

Effective taxable payroll reflects covered earnings of wage and salary workers and self-employed workers, plus deemed military service wage credits. The relatively small effects of deemed military service wage credits for years 1984 and later (between \$3 billion and \$4 billion per year) are projected assuming a small increase in the number of uniformed military through 1993 with no increase thereafter. The larger effect for 1983 (\$59 billion) is based on the transfer which accounted for much of the deemed credits for earlier years when deemed credits were not reflected in effective taxable payroll. These deemed military service wage credits are added to the projections of effective taxable payroll based on covered earnings, which are described in the balance of this section. Historical and projected values for effective taxable payroll are shown in Table 20.

### a. Aggregate Method

Projection of effective taxable payroll under the aggregate method is accomplished by analyzing several linkages between GNP and effective

taxable payroll. These include the ratios of compensation to GNP, earnings to compensation, OASDI covered earnings to earnings, and OASDI taxable earnings to covered earnings. Historical values for these ratios of linkages are shown in Table 19; projected values are shown in Tables 19A through 19D. These linkages are the analog to the linkages between productivity and average covered earnings analyzed for the average method in Section D.2.b.

#### (1) Wage and Salary Workers

In the analysis of the effective taxable wages it is useful to start with total employee compensation--that is, the employees' share of the total value of production in the U.S.. The ratio of employee compensation to GNP rose from 55 percent in 1951 to 58 percent in 1960, and to 60.7 percent in 1969. Since 1969, this ratio has generally remained between 60 and 61 percent. Much of the past growth in this ratio appears to be the result of a shift in the percentage of GNP attributable to wage and salary workers (as opposed to that portion of GNP attributable to self-employed workers) from 84 percent of GNP in 1951 to 94 percent of GNP in 1983. For this reason, and because we assume that the percent of GNP that is attributable to wage and salary workers will stabilize in the future, we do not anticipate any long-range trend away from the current ratio of employee compensation to total GNP. Therefore, we are projecting this ratio to remain essentially between 60 and 61 percent during the long-range projection period for all four alternatives.

Because only the wage portion of employee compensation is subject to taxation, it is useful to analyze the ratio of wages to compensation. This ratio has declined steadily over the last 30 years at an average annual rate of 0.4 percent. This means that other forms of compensation, generally referred to as fringe benefits, have been growing faster than wages. Of course, for our purposes the term "fringe benefits" refers only to that portion of total compensation not subject to Social Security taxes, such as employer contributions for group insurance and pension plans. Cash items, such as vacation pay, which are treated as a continuation of wages and are taxed, are not included in fringe benefits. The average annual rates of change in this ratio were analyzed in the real-earnings section (D.2.b.). The ultimate rate of decline in the ratio of wages to employee compensation is assumed to be 0.1 percent, 0.2 percent, 0.3 percent, and 0.4 percent for alternatives I, II-A, II-B, and III, respectively.

Not all wages in the U.S. economy are paid for employment that is covered by Social Security, and vice versa. Therefore, it is necessary to analyze the ratio of covered wages to total wages. This ratio is highly dependent upon the types of employment that the Social Security Act specifies as being covered. This ratio rose from 77 percent in 1951 to 87 percent in 1960, as a result of the expanded coverage provided by several laws during the 1950's. The most significant new groups were farm and domestic workers and the armed forces. Coverage was also expanded several times during the 1960's and 1970's, although to much less significant types of employment, so that the ratio of covered wages to total wages increased to 88.1 percent in 1970 and to 89.8 percent in 1983. These increases occurred even while some State and local governments and nonprofit institutions dropped their coverage under Social Security.

Future increases in the ratio of covered wages to total wages can be expected as a result of the enactment of the Social Security Amendments of

1983. This law makes coverage of all employment in nonprofit institutions and of all newly hired civilian Federal employees mandatory after 1983. In addition, it prohibits State and local governments from withdrawing their coverage in the future. We assumed that covered wages will increase to nearly 95 percent of total wages after the turn of the century for all four alternatives.

Covered wages above the contribution and benefit base (earnings base) are not taxed (except for the employer tax on excess multiple-employer wages). Therefore, it is necessary to analyze the ratio of taxable wages to covered wages. In the distant past, when there were only infrequent ad hoc increases in the earnings base, this ratio tended to drift downward as the wages increased and then to spike up in the year of an earnings-base increase. Since the earnings base has been indexed to increase automatically with average U.S. wages, this ratio has become more stable. The automatic-adjustment provision of present law should keep this ratio fairly stable in the future. Therefore, the ratio of taxable wages to covered wages is assumed to remain between 91 and 92 percent in the future for all four alternatives.

Taxable wages include all wages subject to FICA tax. In general, employers and employees are each taxed on these wages. However, there are two major exceptions. Only the employee tax is applied to tips representing remuneration above the Federal minimum-wage level and only the employer tax is applied to "multiple-employer excess wages." Multiple-employer excess wages occur when an employee receives wages from more than one employer during a calendar year and the combined wages exceed the maximum taxable earnings base. During the year, each employer will remit taxes for both himself and the employee up to the maximum taxable amount, independently of any wages paid to the employee by another employer. After the end of the year, the employee can file to receive a refund on any taxes withheld from pay and remitted for him that are in excess of the total taxes payable for a single job at maximum taxable earnings, while the employers receive no such refund.

Taxable wages on which the employee tax is applied are referred to as employee taxable wages. These include all tips and exclude multiple-employer excess wages. Taxable wages on which the employer tax is applied are referred to as employer taxable wages. These include multiple-employer excess wages and exclude tips representing remuneration above the minimum wage level. The ratios of employee taxable wages to taxable wages and of employer taxable wages to taxable wages are both just under 1.0. The employer taxable wages are higher than the employee taxable wages because the total amount of employer "excess wages" at the current earnings base is larger than the total amount of tips in excess of the Federal minimum wage. Effective taxable wages are the average of the employee taxable wages and the employer taxable wages.

## (2) Self-Employed Workers

When analyzing the relationship between GNP and effective taxable self-employment income, essentially the same method is used as is used for wages. For the self-employed, compensation is defined as self-employment income for the U.S. economy (referred to as "net proprietors income" in the National Income and Product Accounts developed by BEA of the Department of Commerce). The ratio of self-employment income to total GNP has declined from 13 percent in 1951 to only 3.8 percent in 1983.

Much of the drop in the ratio of self-employment income to total GNP has been in net farm income which was 5 percent of GNP in 1951 but less than 1 percent in 1983. Obviously, there is not much more room for farm income to decrease relative to GNP. Meanwhile, nonfarm net proprietors income dropped from 8 percent of GNP in 1951 to 3 percent in 1983. A large portion of this drop is probably the result of the increased formation and incorporation of partnerships, especially in the legal and medical professions. Each of these factors has led to the reduction of both self-employment income and GNP attributable to the self-employed.

Another major factor in the decline in the ratio of self-employment income to total GNP is the decline in self-employment income as a percentage of that portion of the GNP attributable to the self-employed, from over 80 percent in 1951 to less than 60 percent in 1983. Incorporation of many established businesses and the increase in the number of newly self-employed workers resulting from layoffs and plant closings over the past 10 years have driven this decline. We do not believe that these factors will continue at the same pace in the future.

The ratio of self-employment income to total GNP is projected to continue to decrease by a small amount for 10 more years and then to stabilize at from 3.2 percent for alternative I to 3.5 percent for alternative III. However, the decline in the ratio of self-employment income to that portion of the GNP attributed to the self-employed is projected to turn around, ultimately reaching levels between 63 percent and 64 percent for all four alternatives.

Much self-employment income for the U.S. economy is not covered. For example, if a worker's self-employment income is less than \$400 in a calendar year, then none of this income is covered. The ratio of covered self-employment income to total U.S. self-employment income has increased in the past as more types of self-employment income have become covered. This ratio is likely to decrease slightly for a while, however, because farm income, which is covered less than nonfarm income, is likely to become a larger share of total self-employment income. The coverage ratio for self-employment income may seem lower than expected, based on the coverage provisions of the Social Security law. This results largely from discrepancies between how farm income is determined for the national income accounts and how it is determined for Social Security. This ratio is projected to drop from 83 percent in 1983 to ultimate values reached in 1994 ranging from 71.8 percent for alternative I to 69.5 percent for alternative III.

Just as with wages, covered self-employment income above the earnings base is not taxable. The ratio of taxable self-employment income to covered self-employment income has fluctuated in the past in a pattern similar to that of the ratio of taxable wages to covered wages. In years when the earnings base remained the same, the ratio has fallen. The taxable to covered ratio for self-employment income is lower than the corresponding ratio for wages, reflecting the higher average earnings of the self-employed. The ratio of taxable to covered self-employment income has tended to rise gradually even in years when the earnings base has increased automatically, reflecting the slower rate of increase in average self-employment income than in average wages. We are projecting this trend to continue until 1994, resulting in the ratio of taxable to covered

self-employment income rising from 81 percent in 1983 to ultimate values ranging from 89 percent for alternative I to 86 percent for alternative III.

Prior to 1984, the OASDI tax rate on taxable self-employment income was about 75 percent of the combined employer-employee OASDI tax rate. This required that taxable self-employment income be multiplied by 75 percent to obtain effective taxable self-employment income. This adjustment is not needed after 1983 since the tax rate on taxable self-employment income is now equal to the combined employer-employee tax rate. Therefore, taxable self-employment income and effective taxable self-employment income are equivalent after 1983.

### (3) Summary

As a result of all of these assumptions, the ratio of effective taxable payroll to GNP is projected to decrease gradually over the long-range future from 45 percent in 1983 to values in 2060 of about 42 percent, 39 percent, 36 percent, and 34 percent for alternatives I, II-A, II-B, and III, respectively. The ratio of wages to compensation is assumed to have the most powerful long-range effect.

During the short-range period (1984-93), effective taxable payroll is estimated from GNP by a detailed method involving the interrelationships between the two. The projection of these interrelationships and the calculation of effective taxable payroll are performed under the direction of Mr. Kenneth G. Sander of the Office of Research, Statistics, and International Policy. The ratios of effective taxable payroll to GNP in 1984 through 1993 shown in Table 19 summarize the results of Mr. Sander's projection.

#### b. Average Method

Projection of effective taxable payroll by the average method makes use of assumed increases in average real covered earnings (Section D.2.) and projected numbers of workers in OASDI covered employment (Section E.1.). Total amounts of taxable wages for employees and employers, and the total amount of taxable self-employment income that are projected by Ken Sander (see subsection covering aggregate method) for 1993, are increased by the combination of projected increases in the number of covered workers and assumed increases in average covered wages and average covered self-employment income, respectively. Adjustment to reflect the minor change in ratios of taxable earnings to covered earnings between projected values which are attained in 1993 and the projected ultimate values for 1994 (these ratios are also used in the aggregate method and are discussed in the prior subsection) yields projected taxable payroll for employers, employees, and the self-employed. The amount of deemed military service wage credits is projected as described earlier in this section. Finally, projected effective taxable payroll is computed as the sum of each of these totals multiplied by the employee, employer, or self-employed tax rate, as appropriate and divided by the combined employee, employer tax rate.

## F. RESULTS

Over the past 30 years, the total U.S. labor force has increased at an average annual rate of 1.8 percent, reflecting both the increasing population due to high birth rates experienced until the early 1970's and the rapid rise in labor-force-participation rates of women. The combination of very low birth rates since 1970, expected future birth rates far below the high levels experienced during the 1940's and 1950's, and the expected leveling off of female labor-force-participation rates by about the turn of the century result in projected average annual rates of growth in total U.S. labor force between 1983 and 2060 of 0.69 percent, 0.38 percent, 0.36 percent, and -0.09 percent for alternatives I, II-A, II-B, and III, respectively.

The impact that the slower future growth in the total U.S. labor force will have on the rate of growth in real GNP is expected to be partially offset by (1) higher future productivity increases for all but the pessimistic assumptions (alternative III) than experienced over the past 30 years (reflecting, in part, the maturing of the labor force after 1983), and (2) the expected return to lower unemployment rates (compared with the 1983 level), which is in contrast to the trend toward higher unemployment rates over the past 30 years. The resulting projected average annual increases in real GNP are 3.27 percent, 2.55 percent, 2.11 percent, and 1.22 percent over the period 1983 to 2060 based on alternatives I, II-A, II-B, and III, respectively, in contrast with the average annual increase of 3.05 percent experienced between 1957 and 1983. Thus in aggregate terms, annual rates of real growth in GNP are expected to be less, on average, in the future than over the past 30 years for all but the optimistic assumptions (alternative I). However, when analyzed in terms of per capita real GNP (defined as total GNP divided by the total number of persons in the U.S. population), we see that the experience of the past 30 years, during which the average annual growth rate was 1.77 percent, is close to the projected rate for the intermediate (alternative II-B) assumptions and is roughly in the center of the projected average annual growth rates of 2.57 percent, 2.13 percent, 1.69 percent, and 1.13 percent for the period 1983 through 2060 for alternatives I, II-A, II-B, and III, respectively.

As is the case with the labor force, the projected average annual rates of increase in the number of OASDI covered workers between 1983 and 2060 is less for each alternative (0.78 percent, 0.46 percent, 0.44 percent, and -0.03 percent for alternatives I, II-A, II-B, and III, respectively) than the average annual rate of 2.16 percent experienced between 1953 and 1983. Both historical and future rates of increase in OASDI covered workers are slightly higher than corresponding increases in labor force because of the trend toward coverage of an increasing proportion of all workers.

The combination of the slower future rate of growth in the number of workers and the slowdown in the trend toward increased coverage under the OASDI program results in projected average annual rates of increase in real effective taxable payroll (3.18 percent, 2.06 percent, 1.83 percent, and 0.85 percent for alternatives I, II-A, II-B, and III, respectively between 1983 and 2060) that are lower than the average annual growth rate of 3.78 percent experienced between 1953 and 1983.



Table 1A: Male Population in the Social Security Area by Age Group on July 1, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	4968.	6452.	6242.	5809.	5394.	5139.	4509.	4221.	3785.	2888.	2322.	2974.	54704.
1948	4861.	6419.	6313.	5883.	5466.	5209.	4552.	4255.	3868.	2953.	2368.	3065.	55213.
1949	4738.	6368.	6399.	5960.	5543.	5282.	4599.	4305.	3910.	3046.	2432.	3143.	55725.
1950	4643.	6303.	6470.	6033.	5612.	5352.	4653.	4350.	3957.	3101.	2476.	3239.	56188.
1951	4604.	6218.	6527.	6110.	5674.	5412.	4705.	4396.	4006.	3131.	2529.	3341.	56653.
1952	4631.	6100.	6583.	6178.	5732.	5463.	4764.	4446.	4047.	3153.	2572.	3478.	57147.
1953	4644.	5926.	6604.	6195.	5985.	5700.	4886.	4553.	4052.	3144.	2759.	3772.	58219.
1954	4756.	5824.	6611.	6199.	6034.	5747.	4962.	4624.	4118.	3171.	2795.	3866.	58706.
1955	4845.	5740.	6588.	6185.	6082.	5794.	5040.	4698.	4150.	3219.	2843.	3969.	59151.
1956	4918.	5698.	6554.	6144.	6142.	5852.	5130.	4780.	4201.	3242.	2906.	4038.	59604.
1957	5046.	5720.	6504.	6092.	6212.	5921.	5228.	4875.	4231.	3295.	2904.	4143.	60172.
1958	5223.	5824.	6421.	6016.	6275.	5980.	5324.	4965.	4277.	3322.	2906.	4230.	60763.
1959	5530.	5951.	6329.	5936.	6324.	6029.	5406.	5050.	4318.	3368.	2924.	4320.	61485.
1960	5830.	6000.	5853.	6284.	6457.	5972.	5589.	5033.	4172.	3566.	3013.	4605.	62374.
1961	5947.	6172.	5823.	6217.	6472.	6065.	5638.	5124.	4263.	3582.	3025.	4733.	63061.
1962	6438.	6413.	5821.	6141.	6458.	6166.	5678.	5194.	4375.	3606.	3020.	4842.	64152.
1963	6658.	6800.	5878.	6048.	6415.	6264.	5718.	5249.	4494.	3635.	3009.	4938.	65106.
1964	6954.	7080.	5976.	5949.	6355.	6337.	5767.	5300.	4604.	3678.	3009.	5037.	66046.
1965	7262.	7326.	6065.	5898.	6281.	6378.	5833.	5345.	4698.	3736.	3018.	5119.	66959.
1966	7633.	7472.	6237.	5869.	6210.	6390.	5916.	5388.	4777.	3815.	3029.	5188.	67924.
1967	7602.	8088.	6469.	5863.	6132.	6374.	6015.	5424.	4842.	3915.	3046.	5258.	69028.
1968	7726.	8350.	6850.	5923.	6042.	6333.	6113.	5465.	4895.	4025.	3068.	5310.	70100.
1969	7899.	8696.	7117.	6024.	5946.	6277.	6189.	5515.	4939.	4125.	3099.	5363.	71179.
1970	8023.	9055.	7358.	6125.	5901.	6224.	6233.	5594.	4990.	4217.	3155.	5439.	72314.
1971	8227.	9536.	7519.	6291.	5874.	6162.	6215.	5692.	5021.	4299.	3221.	5521.	73579.
1972	8408.	9529.	8148.	6531.	5883.	6088.	6153.	5820.	5041.	4377.	3317.	5571.	74863.
1973	8619.	9715.	8435.	6924.	5933.	6002.	6116.	5901.	5068.	4438.	3411.	5638.	76199.
1974	8787.	9949.	8812.	7212.	6016.	5916.	6060.	5948.	5128.	4498.	3502.	5723.	77552.
1975	8914.	10237.	9201.	7462.	6103.	5826.	6029.	5944.	5244.	4528.	3619.	5840.	78946.
1976	9008.	10471.	9712.	7615.	6255.	5799.	5967.	5932.	5356.	4575.	3700.	5967.	80357.
1977	9053.	10734.	9701.	8238.	6477.	5814.	5894.	5877.	5498.	4609.	3782.	6106.	81783.
1978	9060.	10958.	9901.	8535.	6861.	5876.	5814.	5856.	5600.	4652.	3848.	6270.	83232.
1979	9043.	11137.	10150.	8914.	7136.	5970.	5737.	5815.	5665.	4724.	3915.	6447.	84655.
1980	8999.	11300.	10454.	9331.	7389.	6073.	5649.	5803.	5671.	4848.	3950.	6628.	86094.
1981	8780.	11489.	10679.	9842.	7559.	6236.	5619.	5744.	5657.	4942.	3989.	6793.	87328.
1982	8542.	11509.	11001.	9801.	8202.	6438.	5651.	5641.	5620.	5053.	4018.	6974.	88450.
1983	8251.	11462.	11164.	9999.	8504.	6810.	5722.	5566.	5598.	5126.	4071.	7136.	89410.

NOTE: THE SOCIAL SECURITY AREA POPULATION, SINCE 1960, IS COMPOSED OF ALL CIVILIAN RESIDENTS OF THE UNITED STATES, PUERTO RICO, VIRGIN ISLANDS, GUAM, AND AMERICAN SAMOA, ALL MEMBERS OF THE ARMED FORCES STATIONED IN THE UNITED STATES AND ABROAD, AND AN ADJUSTMENT OF NET CENSUS UNDERCOUNT.

Table 1B: Female Population in the Social Security Area by Age Group on July 1, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	4768.	6403.	6333.	6024.	5355.	5096.	4332.	4241.	3367.	3220.	2031.	4021.	55191.
1948	4667.	6339.	6409.	6088.	5445.	5185.	4406.	4304.	3468.	3317.	2111.	4126.	55865.
1949	4560.	6239.	6469.	6143.	5535.	5276.	4480.	4373.	3581.	3406.	2187.	4250.	56498.
1950	4467.	6140.	6523.	6191.	5624.	5366.	4560.	4444.	3690.	3475.	2265.	4391.	57136.
1951	4395.	6046.	6576.	6231.	5711.	5452.	4638.	4513.	3779.	3546.	2328.	4567.	57782.
1952	4443.	5931.	6608.	6260.	5793.	5534.	4716.	4588.	3864.	3604.	2422.	4733.	58496.
1953	4481.	5802.	6632.	6294.	5958.	5695.	4745.	4614.	3835.	3568.	2628.	5079.	59329.
1954	4567.	5693.	6627.	6286.	6026.	5759.	4836.	4700.	3938.	3644.	2681.	5225.	59984.
1955	4612.	5638.	6598.	6255.	6091.	5823.	4942.	4792.	4047.	3692.	2792.	5351.	60634.
1956	4718.	5609.	6550.	6206.	6158.	5896.	5055.	4895.	4148.	3733.	2882.	5508.	61358.
1957	4843.	5628.	6480.	6138.	6233.	5968.	5181.	5012.	4218.	3804.	2950.	5664.	62119.
1958	5018.	5705.	6380.	6044.	6300.	6033.	5305.	5126.	4296.	3860.	3022.	5816.	62905.
1959	5309.	5803.	6271.	5942.	6357.	6088.	5419.	5232.	4386.	3908.	3105.	5982.	63802.
1960	5616.	5902.	5777.	6272.	6530.	6041.	5677.	5198.	4406.	3958.	3499.	6029.	64905.
1961	5731.	6073.	5748.	6184.	6534.	6141.	5729.	5298.	4515.	3982.	3545.	6267.	65747.
1962	6199.	6307.	5747.	6081.	6505.	6255.	5773.	5378.	4651.	4013.	3577.	6503.	66989.
1963	6407.	6681.	5820.	5978.	6445.	6362.	5826.	5441.	4794.	4051.	3595.	6728.	68128.
1964	6689.	6951.	5935.	5874.	6368.	6441.	5891.	5496.	4928.	4108.	3618.	6964.	69263.
1965	6982.	7175.	6036.	5827.	6284.	6479.	5972.	5551.	5041.	4187.	3642.	7184.	70360.
1966	7338.	7314.	6209.	5805.	6198.	6488.	6069.	5599.	5136.	4290.	3666.	7397.	71509.
1967	7317.	7903.	6440.	5819.	6108.	6465.	6182.	5648.	5212.	4423.	3692.	7611.	72820.
1968	7442.	8163.	6810.	5901.	6009.	6415.	6294.	5703.	5270.	4564.	3728.	7802.	74101.
1969	7604.	8496.	7067.	6019.	5911.	6346.	6377.	5767.	5324.	4694.	3780.	7995.	75380.
1970	7737.	8852.	7302.	6132.	5870.	6275.	6424.	5859.	5382.	4813.	3849.	8240.	76736.
1971	7934.	9331.	7450.	6300.	5857.	6191.	6426.	5974.	5431.	4928.	3928.	8476.	78226.
1972	8111.	9327.	8055.	6537.	5883.	6102.	6370.	6125.	5472.	5034.	4072.	8658.	79747.
1973	8308.	9505.	8329.	6926.	5939.	6017.	6325.	6236.	5516.	5115.	4214.	8864.	81296.
1974	8463.	9727.	8698.	7213.	6035.	5929.	6259.	6301.	5611.	5178.	4352.	9081.	82846.
1975	8587.	9996.	9084.	7466.	6130.	5834.	6218.	6316.	5754.	5218.	4507.	9344.	84454.
1976	8670.	10224.	9590.	7614.	6276.	5825.	6140.	6326.	5884.	5274.	4617.	9615.	86055.
1977	8708.	10476.	9588.	8217.	6490.	5851.	6056.	6277.	6050.	5321.	4714.	9917.	87667.
1978	8711.	10700.	9790.	8512.	6862.	5921.	5984.	6244.	6184.	5374.	4790.	10232.	89304.
1979	8682.	10879.	10035.	8899.	7136.	6027.	5911.	6193.	6270.	5480.	4848.	10570.	90930.
1980	8619.	11032.	10320.	9310.	7381.	6139.	5821.	6166.	6295.	5627.	4880.	10906.	92496.
1981	8387.	11188.	10524.	9805.	7546.	6295.	5795.	6087.	6292.	5739.	4916.	11231.	93805.
1982	8144.	11170.	10822.	9755.	8171.	6498.	5825.	5971.	6252.	5868.	4945.	11566.	94987.
1983	7906.	11093.	10946.	9954.	8475.	6864.	5883.	5883.	6203.	5949.	5015.	11854.	96025.

NOTE: THE SOCIAL SECURITY AREA POPULATION, SINCE 1960, IS COMPOSED OF ALL CIVILIAN RESIDENTS OF THE UNITED STATES, PUERTO RICO, VIRGIN ISLANDS, GUAM, AND AMERICAN SAMOA, ALL MEMBERS OF THE ARMED FORCES STATIONED IN THE UNITED STATES AND ABROAD, AND AN ADJUSTMENT OF NET CENSUS UNDERCOUNT.

Table 10: Total Population in the Social Security Area by Age Group on July 1, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	9736.	12855.	12575.	11833.	10749.	10235.	8841.	8462.	7152.	6108.	4353.	6995.	109895.
1948	9528.	12758.	12722.	11971.	10911.	10394.	8958.	8559.	7336.	6270.	4479.	7191.	111078.
1949	9298.	12607.	12868.	12103.	11078.	10558.	9079.	8678.	7491.	6452.	4619.	7393.	112223.
1950	9110.	12443.	12993.	12224.	11236.	10718.	9213.	8794.	7647.	6576.	4741.	7630.	113324.
1951	8999.	12264.	13103.	12341.	11385.	10864.	9343.	8909.	7785.	6677.	4857.	7908.	114435.
1952	9074.	12031.	13191.	12438.	11525.	10997.	9480.	9034.	7911.	6757.	4994.	8211.	115643.
1953	9125.	11728.	13236.	12489.	11943.	11395.	9631.	9167.	7887.	6712.	5387.	8851.	117548.
1954	9323.	11517.	13238.	12485.	12060.	11506.	9798.	9324.	8056.	6815.	5476.	9091.	118690.
1955	9457.	11378.	13186.	12440.	12173.	11617.	9982.	9490.	8197.	6911.	5635.	9320.	119785.
1956	9636.	11307.	13104.	12350.	12300.	11748.	10185.	9675.	8349.	6975.	5788.	9546.	120962.
1957	9889.	11348.	12984.	12230.	12445.	11889.	10409.	9887.	8449.	7099.	5854.	9807.	122291.
1958	10241.	11529.	12801.	12060.	12575.	12013.	10629.	10091.	8573.	7182.	5928.	10046.	123668.
1959	10839.	11754.	12600.	11878.	12681.	12117.	10825.	10282.	8704.	7276.	6029.	10302.	125287.
1960	11446.	11902.	11630.	12556.	12987.	12013.	11266.	10231.	8578.	7524.	6512.	10634.	127279.
1961	11678.	12245.	11571.	12401.	13006.	12206.	11367.	10422.	8778.	7564.	6570.	11000.	128808.
1962	12637.	12720.	11568.	12222.	12963.	12421.	11451.	10572.	9026.	7619.	6597.	11345.	131141.
1963	13065.	13481.	11698.	12026.	12860.	12626.	11544.	10690.	9288.	7686.	6604.	11666.	133234.
1964	13643.	14031.	11911.	11823.	12723.	12778.	11658.	10796.	9532.	7786.	6627.	12001.	135309.
1965	14244.	14501.	12101.	11725.	12565.	12857.	11805.	10896.	9739.	7923.	6660.	12303.	137319.
1966	14971.	14786.	12446.	11674.	12408.	12878.	11985.	10987.	9913.	8105.	6695.	12585.	139433.
1967	14919.	15991.	12909.	11682.	12240.	12839.	12197.	11072.	10054.	8338.	6738.	12869.	141848.
1968	15168.	16513.	13660.	11824.	12051.	12748.	12407.	11168.	10165.	8589.	6796.	13112.	144201.
1969	15493.	17192.	14184.	12043.	11857.	12623.	12566.	11282.	10263.	8819.	6879.	13358.	146559.
1970	15760.	17907.	14660.	12257.	11771.	12499.	12657.	11453.	10372.	9030.	7004.	13679.	149050.
1971	16161.	18867.	14969.	12591.	11731.	12353.	12641.	11666.	10452.	9227.	7149.	13997.	151805.
1972	16519.	18856.	16203.	13068.	11766.	12190.	12523.	11945.	10513.	9411.	7389.	14229.	154610.
1973	16927.	19220.	16764.	13850.	11872.	12019.	12441.	12137.	10584.	9553.	7625.	14502.	157495.
1974	17250.	19676.	17510.	14425.	12051.	11845.	12319.	12249.	10739.	9676.	7854.	14804.	160398.
1975	17501.	20233.	18285.	14928.	12233.	11660.	12247.	12260.	10998.	9746.	8126.	15184.	163400.
1976	17678.	20695.	19302.	15229.	12531.	11624.	12107.	12258.	11240.	9849.	8317.	15582.	166412.
1977	17761.	21210.	19289.	16455.	12967.	11665.	11950.	12154.	11548.	9930.	8496.	16023.	169450.
1978	17771.	21658.	19691.	17047.	13723.	11797.	11798.	12100.	11784.	10026.	8638.	16502.	172536.
1979	17725.	22016.	20185.	17813.	14272.	11997.	11648.	12008.	11935.	10204.	8763.	17017.	175585.
1980	17618.	22332.	20774.	18641.	14770.	12212.	11470.	11969.	11966.	10475.	8830.	17534.	178590.
1981	17167.	22677.	21203.	19647.	15105.	12531.	11414.	11831.	11949.	10681.	8905.	18024.	181133.
1982	16686.	22679.	21823.	19556.	16373.	12936.	11476.	11612.	11873.	10922.	8963.	18540.	183437.
1983	16156.	22556.	22110.	19953.	16980.	13673.	11605.	11449.	11802.	11075.	9087.	18991.	185435.

NOTE: THE SOCIAL SECURITY AREA POPULATION, SINCE 1960, IS COMPOSED OF ALL CIVILIAN RESIDENTS OF THE UNITED STATES, PUERTO RICO, VIRGIN ISLANDS, GUAM, AND AMERICAN SAMOA, ALL MEMBERS OF THE ARMED FORCES STATIONED IN THE UNITED STATES AND ABROAD, AND AN ADJUSTMENT OF NET CENSUS UNDERCOUNT.

Table 1D: Alternative I Population in the Social Security Area by Age Group and Sex on July 1, 1984-2060 (in thousands)

Sex	Year	Age Group												Total (16+)
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
<b>Male</b>														
	1984	7949.	11348.	11362.	10204.	8931.	7084.	5834.	5499.	5553.	5184.	4132.	7292.	90370.
	1985	7798.	11138.	11503.	10432.	9369.	7323.	5968.	5446.	5513.	5222.	4206.	7450.	91366.
	1990	7304.	9932.	11166.	11485.	10394.	9295.	7210.	5796.	5188.	5102.	4591.	8186.	95749.
	1995	7295.	9302.	9373.	11153.	11443.	10314.	9153.	7008.	5535.	4820.	4501.	8978.	99473.
	2000	8239.	9437.	9349.	9972.	11117.	11356.	10161.	8899.	6700.	5158.	4265.	9425.	104076.
	2010	8615.	10896.	10513.	9488.	9335.	9881.	10875.	10880.	9451.	7943.	5553.	9776.	113207.
	2020	8916.	10861.	10900.	10924.	10483.	9411.	9149.	9484.	10124.	9723.	7856.	12859.	120689.
	2030	10006.	12132.	11360.	10892.	10866.	10822.	10272.	9046.	8537.	8500.	8435.	17230.	128098.
	2040	10384.	12879.	12660.	12144.	11321.	10794.	10649.	10401.	9599.	8133.	7142.	18489.	134595.
	2050	11176.	13542.	13131.	12881.	12602.	12027.	11098.	10383.	9962.	9362.	8070.	17623.	141857.
	2060	11960.	14660.	14134.	13535.	13068.	12753.	12351.	11572.	10396.	9367.	8401.	18922.	151120.
<b>Female</b>														
	1984	7645.	10955.	11114.	10143.	8910.	7134.	5989.	5801.	6126.	6010.	5099.	12133.	97060.
	1985	7504.	10740.	11245.	10353.	9358.	7363.	6118.	5731.	6046.	6055.	5195.	12413.	98121.
	1990	7173.	9612.	10836.	11295.	10375.	9351.	7329.	6047.	5604.	5805.	5665.	13746.	102838.
	1995	7076.	9058.	9712.	10890.	11317.	10366.	9301.	7243.	5919.	5388.	5433.	15141.	106844.
	2000	7987.	9201.	9161.	9771.	10916.	11306.	10310.	9187.	7088.	5695.	5045.	15961.	111627.
	2010	8357.	10621.	10306.	9364.	9254.	9801.	10849.	11101.	9957.	8644.	6394.	16404.	121051.
	2020	8644.	10585.	10688.	10777.	10393.	9399.	9215.	9638.	10477.	10440.	8983.	20069.	129309.
	2030	9687.	11806.	11131.	10742.	10774.	10800.	10340.	9252.	8915.	9081.	9460.	26290.	138276.
	2040	10048.	12523.	12386.	11956.	11214.	10766.	10717.	10620.	10004.	8731.	8069.	28989.	146022.
	2050	10806.	13158.	12839.	12670.	12463.	11972.	11153.	10590.	10370.	10020.	9072.	28171.	153283.
	2060	11555.	14231.	13807.	13302.	12913.	12680.	12386.	11770.	10797.	10001.	9416.	29412.	162272.
<b>Total</b>														
	1984	15594.	22303.	22476.	20346.	17841.	14218.	11823.	11300.	11679.	11195.	9230.	19425.	187430.
	1985	15301.	21878.	22748.	20784.	18727.	14687.	12085.	11177.	11559.	11277.	9401.	19863.	189487.
	1990	14577.	19544.	22002.	22780.	20769.	18646.	14538.	11844.	10791.	10907.	10256.	21932.	198587.
	1995	14371.	18360.	19685.	22043.	22760.	20680.	18454.	14251.	11454.	10208.	9934.	24119.	206317.
	2000	16226.	18638.	18509.	19742.	22033.	22662.	20470.	18087.	13788.	10853.	9311.	25384.	215703.
	2010	16972.	21517.	20819.	18852.	18590.	19682.	21724.	21981.	19408.	16587.	11946.	26181.	234258.
	2020	17560.	21446.	21588.	21701.	20876.	18810.	18364.	19122.	20601.	20163.	16839.	32927.	249998.
	2030	19692.	23938.	22491.	21634.	21639.	21623.	20612.	18298.	17452.	17580.	17896.	43520.	266375.
	2040	20431.	25402.	25046.	24100.	22535.	21560.	21365.	21021.	19602.	16864.	15210.	47479.	280617.
	2050	21982.	26700.	25970.	25551.	25065.	23998.	22251.	20973.	20332.	19382.	17142.	45793.	295140.
	2060	23515.	28892.	27941.	26838.	25981.	25434.	24737.	23343.	21193.	19368.	17816.	48334.	313392.

NOTE: THE SOCIAL SECURITY AREA POPULATION, SINCE 1960, IS COMPOSED OF ALL CIVILIAN RESIDENTS OF THE UNITED STATES, PUERTO RICO, VIRGIN ISLANDS, GUAM, AND AMERICAN SAMOA, ALL MEMBERS OF THE ARMED FORCES STATIONED IN THE UNITED STATES AND ABROAD, AND AN ADJUSTMENT OF NET CENSUS UNDERCOUNT.

Table 1E: Alternative II Population in the Social Security Area by Age Group and Sex on July 1, 1984-2060 (in thousands)

Sex	Year	Age Group											Total (16+)	
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69		70+
<b>Male</b>														
	1984	7935.	11334.	11353.	10198.	8927.	7081.	5832.	5497.	5553.	5185.	4133.	7300.	90329.
	1985	7777.	11116.	11489.	10423.	9364.	7320.	5965.	5445.	5513.	5225.	4210.	7470.	91316.
	1990	7361.	9870.	11120.	11458.	10379.	9289.	7209.	5800.	5198.	5123.	4622.	8323.	95752.
	1995	7231.	9212.	9888.	11095.	11413.	10305.	9159.	7024.	5562.	4863.	4568.	9319.	99638.
	2000	8130.	9322.	9237.	9876.	11059.	11337.	10170.	8934.	6750.	5225.	4359.	9999.	104397.
	2010	7995.	10378.	10297.	9342.	9213.	9795.	10852.	10924.	9548.	8092.	5725.	10726.	112887.
	2020	7817.	9750.	10057.	10384.	10261.	9275.	9057.	9458.	10207.	9921.	8143.	14261.	118592.
	2030	8308.	10284.	9919.	9769.	10028.	10305.	10090.	8973.	8544.	8625.	8744.	19347.	122938.
	2040	8185.	10409.	10493.	10299.	9895.	9704.	9869.	9975.	9540.	8218.	7363.	21201.	125151.
	2050	8356.	10374.	10341.	10425.	10464.	10230.	9747.	9408.	9350.	9158.	8275.	20522.	126651.
	2060	8520.	10692.	10574.	10394.	10318.	10359.	10310.	9928.	9255.	8667.	8150.	21746.	128913.
<b>Female</b>														
	1984	7629.	10941.	11105.	10137.	8906.	7130.	5986.	5799.	6125.	6010.	5099.	12145.	97011.
	1985	7480.	10718.	11231.	10343.	9351.	7358.	6113.	5728.	6044.	6055.	5197.	12442.	98060.
	1990	7113.	9542.	10790.	11267.	10357.	9339.	7320.	6041.	5601.	5810.	5681.	13945.	102803.
	1995	6993.	8946.	9618.	10830.	11282.	10346.	9292.	7238.	5918.	5398.	5464.	15619.	106944.
	2000	7859.	9059.	9025.	9664.	10850.	11272.	10297.	9188.	7094.	5713.	5086.	16741.	111848.
	2010	7736.	10086.	10061.	9186.	9099.	9689.	10795.	11094.	9980.	8698.	6471.	17652.	120545.
	2020	7563.	9477.	9831.	10209.	10131.	9217.	9070.	9553.	10471.	10513.	9125.	21744.	126903.
	2030	8033.	9987.	9693.	9604.	9904.	10234.	10095.	9100.	8818.	9078.	9601.	28648.	132795.
	2040	7913.	10105.	10244.	10113.	9769.	9636.	9873.	10102.	9823.	8671.	8118.	32165.	136533.
	2050	8076.	10070.	10095.	10232.	10318.	10144.	9744.	9522.	9620.	9637.	9075.	31795.	138328.
	2060	8232.	10374.	10317.	10198.	10171.	10264.	10291.	10028.	9506.	9104.	8914.	32902.	140301.
<b>Total</b>														
	1984	15564.	22275.	22458.	20334.	17833.	14212.	11818.	11296.	11677.	11195.	9232.	19445.	187341.
	1985	15257.	21833.	22720.	20767.	18715.	14677.	12079.	11172.	11558.	11279.	9407.	19911.	189376.
	1990	14474.	19412.	21909.	22724.	20736.	18627.	14529.	11841.	10799.	10933.	10302.	22268.	198554.
	1995	14223.	18158.	19506.	21925.	22696.	20651.	18451.	14262.	11480.	10261.	10032.	24937.	206582.
	2000	15989.	18382.	18262.	19539.	21909.	22610.	20467.	18121.	13844.	10938.	9445.	26738.	216245.
	2010	15731.	20464.	20358.	18528.	18312.	19484.	21646.	22017.	19528.	16790.	12196.	28378.	233432.
	2020	15380.	19227.	19888.	20593.	20392.	18493.	18127.	19010.	20677.	20434.	17268.	36005.	245495.
	2030	16341.	20271.	19613.	19373.	19932.	20540.	20185.	18073.	17363.	17703.	18346.	47994.	255733.
	2040	16099.	20514.	20737.	20412.	19664.	19340.	19743.	20077.	19363.	16888.	15482.	53366.	261684.
	2050	16431.	20445.	20437.	20657.	20782.	20374.	19490.	18930.	18970.	18795.	17351.	52316.	264979.
	2060	16751.	21066.	20891.	20593.	20489.	20622.	20601.	19956.	18761.	17771.	17064.	54648.	269214.

NOTE: THE SOCIAL SECURITY AREA POPULATION, SINCE 1960, IS COMPOSED OF ALL CIVILIAN RESIDENTS OF THE UNITED STATES, PUERTO RICO, VIRGIN ISLANDS, GUAM, AND AMERICAN SAMOA, ALL MEMBERS OF THE ARMED FORCES STATIONED IN THE UNITED STATES AND ABROAD, AND AN ADJUSTMENT OF NET CENSUS UNDERCOUNT.

Table IF: Alternative III Population in the Social Security Area by Age Group and Sex on July 1, 1984-2060 (in thousands)

Sex	Year	Age Group											Total (16+)	
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69		70+
<b>Male</b>														
	1984	7921.	11319.	11345.	10192.	8923.	7079.	5830.	5496.	5553.	5186.	4135.	7308.	90288.
	1985	7757.	11093.	11475.	10415.	9358.	7316.	5963.	5443.	5514.	5228.	4214.	7489.	91265.
	1990	7317.	9808.	11073.	11430.	10364.	9282.	7207.	5803.	5207.	5143.	4651.	8456.	95740.
	1995	7166.	9122.	9803.	11037.	11383.	10293.	9162.	7036.	5583.	4900.	4628.	9644.	99756.
	2000	8008.	9207.	9125.	9778.	10999.	11314.	10173.	8960.	6790.	5282.	4443.	10560.	104638.
	2010	7172.	9700.	10053.	9194.	9087.	9703.	10821.	10960.	9640.	8236.	5901.	11811.	112278.
	2020	6417.	8314.	8954.	9685.	10008.	9134.	8960.	9431.	10299.	10147.	8482.	16133.	115963.
	2030	6245.	7988.	8095.	8323.	8928.	9625.	9877.	8905.	8571.	8797.	9159.	22543.	117058.
	2040	5679.	7509.	7869.	8006.	8084.	8286.	8827.	9401.	9487.	8364.	7706.	25813.	115031.
	2050	5326.	6881.	7169.	7537.	7864.	7977.	8005.	8115.	8511.	8877.	8618.	26019.	110901.
	2060	5036.	6558.	6752.	6921.	7175.	7518.	7796.	7829.	7749.	7707.	7798.	27547.	106387.
<b>Female</b>														
	1984	7613.	10927.	11096.	10130.	8901.	7127.	5983.	5796.	6123.	6009.	5100.	12157.	96963.
	1985	7456.	10695.	11217.	10334.	9344.	7352.	6109.	5724.	6042.	6054.	5199.	12470.	97997.
	1990	7054.	9471.	10743.	11238.	10338.	9326.	7310.	6034.	5597.	5814.	5695.	14132.	102751.
	1995	6909.	8833.	9524.	10769.	11246.	10325.	9280.	7231.	5915.	5406.	5492.	16061.	106990.
	2000	7719.	8917.	8888.	9555.	10782.	11235.	10280.	9184.	7097.	5727.	5123.	17473.	111981.
	2010	6922.	9399.	9789.	9007.	8942.	9573.	10736.	11084.	10006.	8760.	6560.	18992.	119770.
	2020	6198.	8062.	8727.	9489.	9842.	9033.	8923.	9470.	10482.	10622.	9321.	23832.	124001.
	2030	6034.	7747.	7894.	8159.	8787.	9516.	9823.	8955.	8745.	9126.	9834.	31915.	126535.
	2040	5492.	7286.	7673.	7847.	7959.	8196.	8783.	9443.	9651.	8670.	8264.	36924.	126190.
	2050	5153.	6682.	6996.	7390.	7740.	7888.	7967.	8151.	8653.	9174.	9177.	37695.	122665.
	2060	4876.	6371.	6591.	6789.	7066.	7434.	7754.	7856.	7870.	7951.	8273.	39014.	117845.
<b>Total</b>														
	1984	15534.	22246.	22441.	20323.	17824.	14205.	11813.	11292.	11676.	11196.	9235.	19465.	187251.
	1985	15213.	21788.	22693.	20749.	18702.	14668.	12072.	11167.	11556.	11282.	9414.	19959.	189262.
	1990	14371.	19279.	21816.	22668.	20702.	18607.	14518.	11837.	10804.	10957.	10346.	22588.	198492.
	1995	14075.	17955.	19327.	21805.	22629.	20618.	18442.	14267.	11498.	10305.	10120.	25705.	206746.
	2000	15727.	18124.	18013.	19334.	21781.	22549.	20453.	18144.	13887.	11008.	9566.	28033.	216619.
	2010	14095.	19099.	19842.	18201.	18029.	19276.	21557.	22044.	19646.	16997.	12461.	30801.	232048.
	2020	12615.	16375.	17682.	19174.	19850.	18167.	17883.	18902.	20781.	20769.	17803.	39965.	239965.
	2030	12279.	15734.	15990.	16482.	17715.	19141.	19701.	17860.	17316.	17923.	18993.	54458.	243593.
	2040	11171.	14795.	15542.	15853.	16043.	16481.	17610.	18845.	19138.	17035.	15970.	62738.	241220.
	2050	10479.	13563.	14165.	14927.	15604.	15865.	15972.	16266.	17165.	18051.	17795.	63715.	233566.
	2060	9912.	12930.	13343.	13710.	14242.	14952.	15550.	15685.	15619.	15657.	16071.	66562.	224231.

NOTE: THE SOCIAL SECURITY AREA POPULATION, SINCE 1960, IS COMPOSED OF ALL CIVILIAN RESIDENTS OF THE UNITED STATES, PUERTO RICO, VIRGIN ISLANDS, GUAM, AND AMERICAN SAMOA, ALL MEMBERS OF THE ARMED FORCES STATIONED IN THE UNITED STATES AND ABROAD, AND AN ADJUSTMENT OF NET CENSUS UNDERCOUNT.

Table 2A: Male Noninstitutionalized U.S. Population by Age Group on July 1, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	4580.	6001.	5920.	5146.	4972.	4822.	4220.	4031.	3601.	2707.	2221.	2745.	50968.
1948	4481.	5971.	5987.	5212.	5038.	4887.	4260.	4063.	3679.	2769.	2265.	2831.	51439.
1949	4368.	5923.	6069.	5279.	5110.	4955.	4304.	4111.	3721.	2855.	2325.	2902.	51922.
1950	4280.	5863.	6137.	5344.	5172.	5022.	4355.	4153.	3764.	2907.	2368.	2990.	52352.
1951	4244.	5784.	6190.	5413.	5229.	5078.	4403.	4198.	3811.	2935.	2419.	3084.	52788.
1952	4269.	5674.	6243.	5473.	5283.	5126.	4458.	4246.	3850.	2956.	2458.	3211.	53248.
1953	4281.	5512.	6263.	5488.	5517.	5348.	4573.	4347.	3854.	2948.	2637.	3482.	54248.
1954	4384.	5417.	6270.	5492.	5561.	5393.	4644.	4415.	3917.	2973.	2672.	3569.	54706.
1955	4466.	5339.	6249.	5478.	5606.	5436.	4717.	4486.	3947.	3018.	2718.	3663.	55122.
1956	4534.	5300.	6216.	5442.	5661.	5491.	4802.	4563.	3996.	3040.	2778.	3728.	55547.
1957	4652.	5321.	6169.	5396.	5726.	5555.	4893.	4655.	4025.	3089.	2776.	3826.	56082.
1958	4815.	5417.	6091.	5328.	5784.	5610.	4984.	4740.	4069.	3114.	2779.	3905.	56640.
1959	5098.	5535.	6003.	5258.	5829.	5657.	5060.	4822.	4108.	3157.	2796.	3988.	57312.
1960	5362.	5645.	5964.	5228.	5889.	5714.	5148.	4913.	4160.	3218.	2825.	4076.	58144.
1961	5548.	5776.	5940.	5205.	5925.	5752.	5212.	4974.	4232.	3256.	2842.	4164.	58826.
1962	5633.	5918.	5870.	5138.	5996.	5820.	5244.	5006.	4283.	3332.	2970.	4416.	59626.
1963	5996.	6198.	5826.	5099.	6026.	5852.	5303.	5059.	4357.	3388.	2989.	4537.	60627.
1964	6368.	6470.	5455.	5451.	5903.	5968.	5470.	5019.	4297.	3581.	2799.	4775.	61556.
1965	6752.	6733.	5542.	5391.	5818.	5992.	5520.	5078.	4357.	3638.	2811.	4838.	62473.
1966	7097.	6983.	5684.	5353.	5725.	5982.	5581.	5120.	4421.	3684.	2844.	4880.	63352.
1967	7119.	7480.	5933.	5358.	5634.	5951.	5664.	5148.	4500.	3725.	2896.	4914.	64317.
1968	7197.	7845.	6289.	5421.	5537.	5900.	5744.	5172.	4578.	3764.	2954.	4943.	65345.
1969	7341.	8185.	6562.	5513.	5445.	5835.	5809.	5215.	4655.	3813.	3016.	4975.	66365.
1970	7462.	8538.	6807.	5613.	5401.	5769.	5855.	5281.	4727.	3882.	3079.	5029.	67443.
1971	7712.	8899.	7064.	5776.	5378.	5689.	5855.	5350.	4777.	3954.	3125.	5103.	68685.
1972	7969.	9141.	7412.	6063.	5419.	5646.	5749.	5488.	4796.	4124.	3175.	5189.	70171.
1973	8198.	9332.	7806.	6374.	5461.	5554.	5713.	5546.	4831.	4181.	3236.	5223.	71455.
1974	8389.	9400.	8089.	6689.	5547.	5525.	5684.	5682.	4888.	4276.	3413.	5267.	72850.
1975	8545.	9675.	8466.	6922.	5640.	5451.	5649.	5691.	4992.	4311.	3525.	5375.	74240.
1976	8634.	9920.	8889.	7132.	5781.	5421.	5598.	5684.	5108.	4360.	3614.	5497.	75639.
1977	8715.	10183.	8978.	7645.	5992.	5427.	5524.	5635.	5238.	4394.	3715.	5643.	77087.
1978	8736.	10383.	9136.	7967.	6318.	5480.	5443.	5605.	5335.	4436.	3782.	5801.	78423.
1979	8732.	10557.	9371.	8311.	6586.	5562.	5362.	5571.	5396.	4508.	3852.	5964.	79771.
1980	8738.	10706.	9615.	8720.	6823.	5662.	5286.	5548.	5403.	4619.	3884.	6138.	81143.
1981	8540.	10649.	9682.	9036.	7140.	5914.	5421.	5665.	5459.	4738.	3945.	6313.	82503.
1982	8264.	10896.	10248.	9213.	7601.	6067.	5326.	5375.	5352.	4795.	3877.	6685.	83699.
1983	8021.	10894.	10439.	9383.	7910.	6440.	5414.	5323.	5353.	4887.	3946.	6858.	84869.

NOTE: THE NONINSTITUTIONALIZED U.S. POPULATION IS THE U.S. CENSUS POPULATION EXCLUDING INSTITUTIONALIZED CONVICTS, ALCOHOLICS, DRUG ADDICTS, AND PHYSICALLY AND MENTALLY DISABLED, AMONG OTHERS.

Table 2B: Female Noninstitutionalized U.S. Population by Age Group on July 1, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	4466.	6067.	6167.	5553.	5150.	4980.	4185.	4166.	3185.	3070.	1868.	3593.	52450.
1948	4372.	6006.	6240.	5612.	5237.	5067.	4256.	4228.	3281.	3163.	1941.	3686.	53088.
1949	4271.	5911.	6298.	5663.	5323.	5156.	4328.	4296.	3388.	3247.	2011.	3797.	53689.
1950	4184.	5817.	6352.	5707.	5408.	5244.	4405.	4365.	3491.	3314.	2082.	3924.	54293.
1951	4117.	5728.	6404.	5743.	5492.	5328.	4481.	4433.	3575.	3381.	2141.	4081.	54933.
1952	4162.	5619.	6434.	5771.	5572.	5407.	4557.	4506.	3655.	3437.	2227.	4230.	55575.
1953	4197.	5497.	6458.	5801.	5730.	5565.	4584.	4532.	3628.	3402.	2416.	4539.	56353.
1954	4278.	5394.	6453.	5795.	5795.	5628.	4672.	4617.	3726.	3475.	2466.	4669.	56965.
1955	4320.	5342.	6424.	5767.	5858.	5690.	4774.	4707.	3829.	3521.	2568.	4781.	57610.
1956	4419.	5314.	6378.	5721.	5923.	5761.	4884.	4808.	3924.	3560.	2650.	4921.	58264.
1957	4536.	5332.	6310.	5658.	5995.	5831.	5005.	4924.	3990.	3628.	2712.	5062.	58983.
1958	4700.	5405.	6213.	5571.	6060.	5895.	5125.	5035.	4065.	3680.	2779.	5197.	59723.
1959	4973.	5498.	6106.	5478.	6115.	5948.	5235.	5139.	4149.	3727.	2855.	5346.	60569.
1960	5230.	5604.	6061.	5433.	6190.	6023.	5353.	5250.	4241.	3796.	2950.	5485.	61615.
1961	5408.	5750.	6011.	5387.	6236.	6069.	5445.	5339.	4331.	3861.	3034.	5645.	62517.
1962	5509.	5939.	5963.	5342.	6290.	6124.	5431.	5326.	4379.	3886.	3184.	5983.	63355.
1963	5882.	6235.	5933.	5310.	6320.	6156.	5491.	5382.	4461.	3938.	3263.	6156.	64527.
1964	6253.	6507.	5597.	5634.	6173.	6304.	5759.	5293.	4598.	3971.	3338.	6238.	65668.
1965	6618.	6751.	5683.	5559.	6071.	6338.	5839.	5380.	4690.	4048.	3371.	6413.	66763.
1966	6942.	6988.	5820.	5507.	5961.	6330.	5933.	5448.	4788.	4120.	3421.	6571.	67829.
1967	6955.	7459.	6058.	5511.	5861.	6295.	6045.	5509.	4899.	4194.	3485.	6736.	69003.
1968	7026.	7780.	6392.	5583.	5762.	6238.	6154.	5563.	5008.	4270.	3556.	6885.	70218.
1969	7177.	8127.	6659.	5684.	5662.	6161.	6237.	5636.	5110.	4356.	3637.	7030.	71475.
1970	7316.	8491.	6909.	5796.	5610.	6084.	6290.	5734.	5212.	4458.	3722.	7209.	72831.
1971	7556.	8867.	7160.	5964.	5577.	5990.	6302.	5839.	5303.	4576.	3804.	7407.	74347.
1972	7758.	9126.	7582.	6273.	5668.	5958.	6219.	5990.	5335.	4788.	3950.	7765.	76414.
1973	7978.	9314.	7958.	6602.	5712.	5865.	6185.	6087.	5404.	4886.	4033.	7943.	77968.
1974	8200.	9443.	8269.	6932.	5850.	5808.	6113.	6197.	5428.	4943.	4323.	7993.	79500.
1975	8358.	9705.	8652.	7174.	5952.	5726.	6067.	6223.	5562.	4986.	4473.	8212.	81091.
1976	8442.	9939.	9075.	7380.	6097.	5711.	5994.	6231.	5695.	5039.	4597.	8451.	82654.
1977	8506.	10149.	9150.	7870.	6292.	5724.	5909.	6202.	5854.	5084.	4713.	8626.	84080.
1978	8523.	10360.	9313.	8204.	6622.	5786.	5830.	6156.	5977.	5133.	4786.	8913.	85604.
1979	8510.	10538.	9554.	8570.	6901.	5885.	5754.	6113.	6062.	5236.	4846.	9209.	87178.
1980	8495.	10694.	9784.	8992.	7141.	6000.	5675.	6072.	6091.	5371.	4873.	9515.	88705.
1981	8313.	10665.	9881.	9291.	7501.	6276.	5751.	6044.	5989.	5389.	4897.	9770.	89769.
1982	7982.	10805.	10366.	9405.	7829.	6336.	5659.	5830.	6055.	5616.	4835.	10032.	90750.
1983	7757.	10758.	10531.	9600.	8157.	6723.	5741.	5772.	6037.	5725.	4904.	10363.	92068.

NOTE: THE NONINSTITUTIONALIZED U.S. POPULATION IS THE U.S. CENSUS POPULATION EXCLUDING INSTITUTIONALIZED CONVICTS, ALCOHOLICS, DRUG ADDICTS, AND PHYSICALLY AND MENTALLY DISABLED, AMONG OTHERS.



Table 2C: Total Noninstitutionalized U.S. Population by Age Group on July 1, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	9046.	12068.	12087.	10699.	10122.	9802.	8405.	8197.	6786.	5777.	4089.	6338.	103418.
1948	8853.	11977.	12227.	10824.	10275.	9954.	8516.	8291.	6960.	5932.	4206.	6517.	104527.
1949	8639.	11834.	12367.	10942.	10433.	10111.	8632.	8407.	7109.	6102.	4336.	6699.	105611.
1950	8464.	11680.	12489.	11051.	10580.	10266.	8760.	8518.	7255.	6221.	4450.	6914.	106645.
1951	8361.	11512.	12594.	11156.	10721.	10406.	8884.	8631.	7386.	6316.	4560.	7165.	107721.
1952	8431.	11293.	12677.	11244.	10855.	10533.	9015.	8752.	7505.	6393.	4685.	7441.	108823.
1953	8478.	11009.	12721.	11289.	11247.	10913.	9157.	8879.	7482.	6350.	5053.	8021.	110601.
1954	8662.	10811.	12723.	11287.	11356.	11021.	9316.	9032.	7643.	6448.	5138.	8238.	111671.
1955	8786.	10681.	12673.	11245.	11464.	11126.	9491.	9193.	7776.	6539.	5286.	8444.	112732.
1956	8953.	10614.	12594.	11163.	11584.	11252.	9686.	9371.	7920.	6600.	5428.	8649.	113811.
1957	9188.	10653.	12479.	11054.	11721.	11386.	9898.	9579.	8015.	6717.	5488.	8888.	115065.
1958	9515.	10822.	12304.	10899.	11844.	11505.	10109.	9775.	8134.	6794.	5558.	9102.	116363.
1959	10071.	11033.	12109.	10736.	11944.	11605.	10295.	9961.	8257.	6884.	5651.	9334.	117881.
1960	10592.	11249.	12025.	10661.	12079.	11737.	10501.	10163.	8401.	7014.	5775.	9561.	119759.
1961	10956.	11526.	11951.	10592.	12161.	11821.	10657.	10313.	8563.	7117.	5876.	9809.	121343.
1962	11142.	11857.	11833.	10480.	12286.	11944.	10675.	10332.	8662.	7218.	6154.	10399.	122981.
1963	11878.	12433.	11759.	10409.	12346.	12008.	10794.	10441.	8818.	7326.	6252.	10693.	125154.
1964	12621.	12977.	11052.	11085.	12076.	12272.	11229.	10312.	8895.	7552.	6137.	11013.	127224.
1965	13370.	13484.	11225.	10950.	11889.	12330.	11359.	10458.	9047.	7686.	6182.	11251.	129236.
1966	14039.	13971.	11504.	10860.	11686.	12312.	11514.	10568.	9209.	7804.	6265.	11451.	131181.
1967	14074.	14939.	11991.	10869.	11495.	12246.	11709.	10657.	9399.	7919.	6381.	11650.	133320.
1968	14223.	15625.	12681.	11004.	11299.	12138.	11898.	10735.	9586.	8034.	6510.	11828.	135563.
1969	14518.	16312.	13221.	11197.	11107.	11996.	12046.	10851.	9765.	8169.	6653.	12005.	137840.
1970	14778.	17029.	13716.	11409.	11011.	11853.	12145.	11015.	9939.	8340.	6801.	12238.	140274.
1971	15268.	17766.	14224.	11740.	10955.	11679.	12157.	11189.	10080.	8530.	6929.	12510.	143032.
1972	15727.	18267.	14994.	12336.	11087.	11604.	11968.	11478.	10131.	8912.	7125.	12954.	146585.
1973	16176.	18646.	15764.	12976.	11173.	11419.	11898.	11633.	10235.	9067.	7269.	13166.	149423.
1974	16589.	18843.	16358.	13621.	11397.	11333.	11797.	11879.	10316.	9219.	7736.	13260.	152350.
1975	16903.	19380.	17118.	14096.	11592.	11177.	11716.	11914.	10554.	9297.	7998.	13587.	155331.
1976	17076.	19859.	17964.	14512.	11878.	11132.	11592.	11915.	10803.	9399.	8211.	13948.	158293.
1977	17221.	20332.	18128.	15515.	12284.	11151.	11433.	11837.	11092.	9478.	8428.	14269.	161167.
1978	17259.	20743.	18449.	16171.	12940.	11266.	11273.	11761.	11312.	9569.	8568.	14714.	164027.
1979	17242.	21095.	18925.	16881.	13487.	11447.	11116.	11684.	11458.	9744.	8698.	15173.	166949.
1980	17233.	21400.	19399.	17712.	13964.	11662.	10961.	11620.	11494.	9990.	8757.	15653.	169848.
1981	16853.	21314.	19563.	18327.	14641.	12190.	11172.	11709.	11448.	10127.	8842.	16083.	172272.
1982	16246.	21701.	20614.	18618.	15430.	12403.	10985.	11205.	11408.	10412.	8712.	16717.	174449.
1983	15777.	21653.	20970.	18983.	16068.	13162.	11155.	11095.	11391.	10612.	8851.	17222.	176937.

NOTE: THE NONINSTITUTIONALIZED U.S. POPULATION IS THE U.S. CENSUS POPULATION EXCLUDING INSTITUTIONALIZED CONVICTS, ALCOHOLICS, DRUG ADDICTS, AND PHYSICALLY AND MENTALLY DISABLED, AMONG OTHERS.

Table 2D: Alternative I Noninstitutionalized U.S. Population by Age Group and Sex on July 1, 1984-2060 (in thousands)

Sex	Year	Age Group												Total (16+)
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
<b>Male</b>														
	1984	7691.	10764.	10641.	9527.	8300.	6694.	5514.	5258.	5308.	4935.	4000.	6982.	85614.
	1985	7508.	10544.	10789.	9691.	8701.	6916.	5635.	5207.	5268.	4963.	4067.	7107.	86394.
	1990	6957.	9309.	10553.	10399.	9612.	8747.	6774.	5539.	4949.	4812.	4412.	7666.	89729.
	1995	6719.	8648.	9482.	9888.	10546.	9679.	8565.	6694.	5273.	4518.	4304.	8282.	92598.
	2000	7589.	8774.	8889.	8840.	10247.	10656.	9508.	8500.	6382.	4835.	4078.	8693.	96993.
	2010	7935.	10130.	9996.	8411.	8604.	9273.	10177.	10392.	9003.	7446.	5309.	9018.	105696.
	2020	8212.	10098.	10364.	9685.	9662.	8831.	8562.	9059.	9644.	9114.	7511.	11861.	112604.
	2030	9216.	11280.	10802.	9656.	10015.	10156.	9613.	8641.	8132.	7968.	8065.	15894.	119437.
	2040	9564.	11974.	12037.	10766.	10434.	10129.	9965.	9935.	9144.	7625.	6828.	17056.	125458.
	2050	10295.	12590.	12485.	11420.	11615.	11286.	10386.	9917.	9490.	8777.	7716.	16256.	132233.
	2060	11016.	13630.	13439.	12000.	12045.	11968.	11558.	11053.	9904.	8781.	8032.	17454.	140880.
<b>Female</b>														
	1984	7470.	10601.	10707.	9743.	8575.	6986.	5839.	5693.	5947.	5780.	4958.	10627.	92927.
	1985	7301.	10371.	10848.	9906.	9006.	7209.	5959.	5625.	5855.	5818.	5024.	10892.	93814.
	1990	6231.	9182.	10525.	10593.	9981.	9146.	7104.	5939.	5357.	5558.	5326.	12189.	97732.
	1995	6622.	8578.	9484.	10047.	10884.	10131.	8981.	7117.	5600.	5144.	4991.	13550.	101130.
	2000	7475.	8713.	8946.	9014.	10498.	11050.	9956.	9028.	6707.	5437.	4635.	14283.	105741.
	2010	7821.	10058.	10064.	8639.	8900.	9579.	10476.	10908.	9421.	8252.	5873.	14680.	114672.
	2020	8089.	10024.	10437.	9943.	9995.	9187.	8898.	9471.	9913.	9967.	8252.	17959.	122136.
	2030	9065.	11179.	10869.	9910.	10362.	10556.	9985.	9091.	8435.	8669.	8691.	23527.	130339.
	2040	9403.	11858.	12095.	11031.	10785.	10523.	10349.	10436.	9465.	8335.	7412.	25942.	137634.
	2050	10113.	12460.	12537.	11689.	11986.	11701.	10770.	10407.	9812.	9565.	8334.	25210.	144583.
	2060	10814.	13476.	13482.	12273.	12419.	12394.	11960.	11566.	10215.	9548.	8650.	26321.	153119.
<b>Total</b>														
	1984	15160.	21366.	21348.	19270.	16876.	13681.	11353.	10950.	11255.	10715.	8958.	17609.	178541.
	1985	14808.	20915.	21637.	19597.	17706.	14125.	11594.	10831.	11123.	10782.	9091.	18000.	180209.
	1990	13789.	18491.	21077.	20991.	19593.	17893.	13878.	11478.	10306.	10371.	9738.	19856.	187461.
	1995	13342.	17226.	18966.	19935.	21431.	19810.	17547.	13811.	10873.	9662.	9295.	21831.	193727.
	2000	15064.	17487.	17834.	17855.	20745.	21706.	19464.	17528.	13089.	10272.	8713.	22977.	202734.
	2010	15756.	20188.	20060.	17051.	17504.	18852.	20654.	21301.	18424.	15699.	11183.	23698.	220368.
	2020	16302.	20121.	20801.	19628.	19657.	18018.	17460.	18530.	19558.	19081.	15764.	29821.	234740.
	2030	18281.	22459.	21671.	19566.	20376.	20712.	19598.	17732.	16568.	16637.	16756.	39421.	249776.
	2040	18967.	23832.	24133.	21797.	21219.	20652.	20314.	20370.	18609.	15959.	14241.	42998.	263092.
	2050	20407.	25050.	25022.	23109.	23601.	22987.	21156.	20324.	19302.	18342.	16050.	41466.	276816.
	2060	21830.	27106.	26922.	24273.	24464.	24361.	23519.	22620.	20119.	18329.	16681.	43776.	293999.

NOTE: THE NONINSTITUTIONALIZED U.S. POPULATION IS THE U.S. CENSUS POPULATION EXCLUDING INSTITUTIONALIZED CONVICTS, ALCOHOLICS, DRUG ADDICTS, AND PHYSICALLY AND MENTALLY DISABLED, AMONG OTHERS.

Table 2E: Alternative II Noninstitutionalized U.S. Population by Age Group and Sex on July 1, 1984-2060 (in thousands)

Sex	Year	Age Group												Total (16+)	
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
Male	1984	7677.	10751.	10632.	9522.	8297.	6692.	5513.	5257.	5308.	4936.	4001.	6990.	85575.	
	1985	7488.	10523.	10776.	9683.	8695.	6912.	5633.	5206.	5269.	4966.	4071.	7127.	86347.	
	1990	6916.	9251.	10509.	10374.	9598.	8741.	6773.	5542.	4959.	4833.	4441.	7795.	89733.	
	1995	6660.	8565.	9401.	9836.	10520.	9670.	8571.	6709.	5298.	4559.	4367.	8597.	92753.	
	2000	7488.	8667.	8783.	8755.	10193.	10639.	9517.	8533.	6430.	4898.	4168.	9223.	97295.	
	2010	7364.	9649.	9791.	8282.	8491.	9192.	10155.	10434.	9096.	7586.	5474.	9894.	105408.	
	2020	7200.	9065.	9563.	9206.	9457.	8704.	8476.	9034.	9723.	9301.	7785.	13156.	110670.	
	2030	7653.	9561.	9431.	8661.	9242.	9571.	9443.	8571.	8139.	8086.	8361.	17847.	114665.	
	2040	7539.	9677.	9977.	9130.	9120.	9107.	9236.	9528.	9088.	7704.	7040.	19557.	116703.	
	2050	7696.	9645.	9833.	9242.	9645.	9600.	9121.	8987.	8907.	8585.	7912.	18931.	118104.	
	2060	7848.	9941.	10054.	9215.	9510.	9720.	9649.	9483.	8817.	8125.	7792.	20059.	120213.	
	Female	1984	7454.	10588.	10699.	9738.	8571.	6983.	5836.	5690.	5946.	5779.	4959.	10637.	92879.
		1985	7277.	10349.	10835.	9897.	8999.	7204.	5954.	5621.	5853.	5818.	5026.	10918.	93751.
		1990	6774.	9115.	10480.	10566.	9963.	9134.	7096.	5933.	5354.	5563.	5341.	12364.	97682.
1995		6544.	8471.	9393.	9992.	10851.	10112.	8973.	7112.	5599.	5153.	5020.	13978.	101197.	
2000		7355.	8579.	8813.	8916.	10435.	11017.	9944.	9029.	6712.	5454.	4672.	14981.	105906.	
2010		7239.	9550.	9824.	8475.	8751.	9469.	10424.	10901.	9443.	8303.	5945.	15796.	114123.	
2020		7078.	8974.	9600.	9419.	9744.	9009.	8758.	9387.	9907.	10036.	8383.	19458.	119753.	
2030		7517.	9457.	9466.	8861.	9525.	10003.	9748.	8942.	8344.	8667.	8820.	25637.	124986.	
2040		7406.	9569.	10004.	9331.	9395.	9418.	9534.	9927.	9295.	8277.	7458.	28784.	128397.	
2050		7558.	9536.	9858.	9440.	9924.	9915.	9409.	9357.	9102.	9200.	8337.	28452.	130087.	
2060		7704.	9823.	10074.	9409.	9782.	10032.	9938.	9854.	8995.	8691.	8189.	29444.	131934.	
Total		1984	15131.	21338.	21331.	19259.	16868.	13675.	11349.	10947.	11254.	10716.	8960.	17627.	178454.
		1985	14766.	20872.	21611.	19580.	17694.	14116.	11587.	10827.	11121.	10784.	9097.	18043.	180099.
		1990	13691.	18365.	20988.	20940.	19561.	17875.	13869.	11475.	10313.	10395.	9782.	20159.	187415.
	1995	13204.	17036.	18794.	19828.	21370.	19782.	17544.	13821.	10898.	9712.	9387.	22573.	193950.	
	2000	14843.	17246.	17596.	17671.	20628.	21656.	19461.	17562.	13142.	10352.	8840.	24204.	203201.	
	2010	14604.	19199.	19615.	16757.	17242.	18661.	20579.	21335.	18539.	15889.	11418.	25691.	219531.	
	2020	14278.	18039.	19163.	18625.	19201.	17713.	17234.	18421.	19630.	19337.	16168.	32614.	230423.	
	2030	15170.	19019.	18897.	17522.	18768.	19673.	19191.	17513.	16483.	16752.	17181.	43484.	239651.	
	2040	14945.	19246.	19980.	18461.	18515.	18524.	18770.	19455.	18383.	15981.	14498.	48341.	245099.	
	2050	15254.	19181.	19691.	18682.	19568.	19515.	18530.	18344.	18010.	17785.	16249.	47383.	248191.	
	2060	15551.	19764.	20128.	18624.	19292.	19752.	19586.	19337.	17811.	16816.	15981.	49503.	252147.	

NOTE: THE NONINSTITUTIONALIZED U.S. POPULATION IS THE U.S. CENSUS POPULATION EXCLUDING INSTITUTIONALIZED CONVICTS, ALCOHOLICS, DRUG ADDICTS, AND PHYSICALLY AND MENTALLY DISABLED, AMONG OTHERS.

Table 2F: Alternative III Noninstitutionalized U.S. Population by Age Group and Sex on July 1, 1984-2060 (in thousands)

Sex	Year	Age Group												Total (16+)
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
<b>Male</b>														
	1984	7663.	10737.	10624.	9516.	8293.	6689.	5511.	5256.	5308.	4937.	4003.	6998.	85536.
	1985	7469.	10502.	10763.	9675.	8690.	6909.	5631.	5205.	5269.	4969.	4075.	7145.	86300.
	1990	6875.	9192.	10465.	10349.	9584.	8734.	6772.	5545.	4968.	4851.	4469.	7919.	89724.
	1995	6600.	8481.	9320.	9784.	10491.	9659.	8574.	6721.	5319.	4593.	4424.	8896.	92864.
	2000	7376.	8560.	8676.	8669.	10138.	10617.	9520.	8558.	6468.	4951.	4248.	9741.	97523.
	2010	6606.	9019.	9558.	8151.	8375.	9106.	10126.	10469.	9183.	7721.	5642.	10894.	104851.
	2020	5910.	7729.	8514.	8586.	9224.	8572.	8385.	9009.	9811.	9512.	8109.	14882.	108244.
	2030	5753.	7426.	7697.	7379.	8229.	9033.	9243.	8506.	8165.	8247.	8757.	20795.	109230.
	2040	5231.	6981.	7482.	7097.	7451.	7775.	8260.	8980.	9038.	7841.	7367.	23811.	107316.
	2050	4906.	6398.	6817.	6682.	7248.	7486.	7492.	7751.	8108.	8322.	8239.	24002.	103450.
	2060	4639.	6097.	6420.	6136.	6614.	7055.	7296.	7478.	7382.	7225.	7456.	25411.	99207.
<b>Female</b>														
	1984	7439.	10574.	10690.	9732.	8567.	6979.	5833.	5687.	5944.	5779.	4959.	10647.	92830.
	1985	7254.	10328.	10821.	9888.	8992.	7199.	5950.	5617.	5850.	5818.	5028.	10941.	93688.
	1990	6718.	9047.	10434.	10539.	9945.	9122.	7087.	5926.	5351.	5567.	5354.	12529.	97618.
	1995	6466.	8364.	9301.	9935.	10816.	10091.	8961.	7105.	5597.	5160.	5045.	14373.	101215.
	2000	7224.	8444.	8680.	8816.	10370.	10981.	9927.	9025.	6715.	5467.	4706.	15637.	105991.
	2010	6478.	8900.	9559.	8310.	8600.	9356.	10367.	10892.	9467.	8363.	6026.	16996.	113315.
	2020	5801.	7634.	8522.	8755.	9465.	8828.	8616.	9306.	9918.	10141.	8563.	21327.	116876.
	2030	5647.	7336.	7709.	7528.	8451.	9300.	9486.	8800.	8275.	8712.	9034.	28561.	118837.
	2040	5139.	6900.	7493.	7240.	7654.	8010.	8481.	9280.	9132.	8277.	7592.	33044.	118242.
	2050	4822.	6328.	6831.	6818.	7444.	7709.	7693.	8010.	8188.	8758.	8430.	33733.	114764.
	2060	4563.	6033.	6436.	6264.	6796.	7266.	7487.	7720.	7446.	7590.	7600.	34913.	110114.
<b>Total</b>														
	1984	15102.	21311.	21314.	19248.	16860.	13668.	11344.	10943.	11252.	10716.	8963.	17646.	178366.
	1985	14723.	20829.	21585.	19563.	17682.	14107.	11581.	10822.	11120.	10787.	9103.	18086.	179988.
	1990	13593.	18240.	20899.	20888.	19529.	17856.	13858.	11471.	10318.	10417.	9823.	20448.	187342.
	1995	13067.	16845.	18621.	19720.	21307.	19750.	17535.	13826.	10916.	9754.	9470.	23269.	194079.
	2000	14600.	17004.	17356.	17485.	20507.	21598.	19447.	17583.	13183.	10418.	8954.	25378.	203513.
	2010	13085.	17919.	19118.	16461.	16975.	18462.	20493.	21361.	18651.	16084.	11668.	27890.	218166.
	2020	11711.	15363.	17036.	17341.	18689.	17400.	17001.	18315.	19729.	19653.	16672.	36209.	225120.
	2030	11399.	14762.	15406.	14907.	16680.	18333.	18730.	17305.	16440.	16959.	17791.	49356.	228067.
	2040	10371.	13881.	14975.	14337.	15105.	15786.	16742.	18259.	18170.	16118.	14959.	56854.	225557.
	2050	9728.	12725.	13648.	13500.	14692.	15195.	15185.	15761.	16296.	17080.	16670.	57734.	218214.
	2060	9202.	12131.	12856.	12399.	13409.	14321.	14783.	15198.	14828.	14815.	15055.	60325.	209321.

NOTE: THE NONINSTITUTIONALIZED U.S. POPULATION IS THE U.S. CENSUS POPULATION EXCLUDING INSTITUTIONALIZED CONVICTS, ALCOHOLICS, DRUG ADDICTS, AND PHYSICALLY AND MENTALLY DISABLED, AMONG OTHERS.

TABLE 3A: LABOR PRODUCTIVITY: COMPOUND ANNUAL RATES OF GROWTH(%)  
(INDEX OF OUTPUT PER HOUR IN THE TOTAL ECONOMY)

TO	INDEX	FROM																	
		1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
1951	55.28																		
1952	56.82	2.79																	
1953	58.46	2.83	2.88																
1954	59.55	2.51	2.37	1.87															
1955	61.51	2.71	2.68	2.58	3.29														
1956	61.78	2.25	2.11	1.86	1.86	.44													
1957	63.53	2.34	2.26	2.10	2.18	1.62	2.82												
1958	65.62	2.48	2.43	2.34	2.46	2.18	3.06	3.30											
1959	67.27	2.48	2.44	2.37	2.47	2.26	2.88	2.91	2.51										
1960	68.24	2.37	2.32	2.24	2.30	2.10	2.52	2.42	1.98	1.45									
1961	70.56	2.47	2.43	2.38	2.45	2.31	2.69	2.66	2.45	2.41	3.39								
1962	72.91	2.55	2.52	2.49	2.56	2.46	2.80	2.79	2.67	2.72	3.36	3.33							
1963	75.34	2.61	2.60	2.57	2.65	2.57	2.88	2.88	2.80	2.87	3.35	3.34	3.34						
1964	77.88	2.67	2.66	2.64	2.72	2.66	2.94	2.95	2.90	2.97	3.36	3.35	3.36	3.37					
1965	80.03	2.68	2.67	2.65	2.72	2.67	2.92	2.93	2.88	2.94	3.24	3.20	3.16	3.07	2.76				
1966	82.01	2.66	2.66	2.64	2.70	2.65	2.87	2.88	2.83	2.87	3.11	3.05	2.98	2.87	2.61	2.47			
1967	83.10	2.58	2.57	2.54	2.60	2.54	2.73	2.72	2.66	2.68	2.85	2.77	2.65	2.48	2.19	1.90	1.34		
1968	85.48	2.60	2.59	2.57	2.62	2.56	2.74	2.74	2.68	2.70	2.86	2.78	2.69	2.56	2.35	2.22	2.10	2.86	
1969	85.68	2.46	2.45	2.42	2.46	2.40	2.55	2.52	2.45	2.45	2.56	2.46	2.33	2.17	1.93	1.72	1.47	1.54	.24
1970	86.95	2.41	2.39	2.36	2.39	2.33	2.47	2.44	2.37	2.36	2.45	2.35	2.23	2.07	1.85	1.67	1.48	1.52	.86
1971	90.14	2.48	2.46	2.44	2.47	2.42	2.55	2.53	2.47	2.47	2.56	2.48	2.39	2.27	2.11	2.00	1.91	2.05	1.79
1972	92.78	2.50	2.48	2.46	2.49	2.45	2.57	2.56	2.50	2.50	2.59	2.52	2.44	2.34	2.21	2.13	2.08	2.23	2.07
1973	95.04	2.49	2.48	2.46	2.49	2.45	2.57	2.55	2.50	2.50	2.58	2.51	2.44	2.35	2.24	2.17	2.13	2.26	2.14
1974	93.98	2.33	2.31	2.29	2.31	2.26	2.36	2.33	2.27	2.25	2.31	2.23	2.14	2.03	1.90	1.80	1.72	1.77	1.59
1975	95.35	2.30	2.28	2.25	2.27	2.22	2.31	2.28	2.22	2.20	2.25	2.17	2.09	1.98	1.86	1.77	1.69	1.73	1.57
1976	98.15	2.32	2.30	2.28	2.30	2.25	2.34	2.32	2.26	2.25	2.30	2.22	2.15	2.06	1.95	1.87	1.81	1.87	1.74
1977	100.00	2.31	2.29	2.26	2.28	2.23	2.32	2.29	2.24	2.23	2.27	2.20	2.13	2.04	1.94	1.87	1.82	1.87	1.76
1978	100.46	2.24	2.22	2.19	2.20	2.16	2.23	2.21	2.15	2.13	2.17	2.10	2.02	1.94	1.83	1.76	1.71	1.74	1.63
1979	100.61	2.16	2.14	2.11	2.12	2.07	2.14	2.11	2.06	2.03	2.06	1.99	1.91	1.82	1.72	1.65	1.59	1.61	1.49
1980	100.51	2.08	2.06	2.03	2.03	1.98	2.05	2.02	1.96	1.93	1.95	1.88	1.80	1.71	1.61	1.53	1.46	1.47	1.36
1981	102.92	2.09	2.07	2.04	2.05	2.00	2.06	2.03	1.98	1.95	1.98	1.91	1.83	1.75	1.65	1.58	1.53	1.54	1.44
1982	103.10	2.03	2.01	1.98	1.98	1.93	1.99	1.96	1.90	1.87	1.89	1.82	1.75	1.66	1.57	1.50	1.44	1.45	1.35
1983	104.99	2.02	2.00	1.97	1.97	1.93	1.98	1.95	1.90	1.87	1.89	1.82	1.75	1.67	1.58	1.52	1.46	1.47	1.38
TO	INDEX	FROM																	
		1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982				
1970	86.95	1.48																	
1971	90.14	2.57	3.67																
1972	92.78	2.69	3.30	2.92															
1973	95.04	2.62	3.01	2.68	2.43														
1974	93.98	1.87	1.96	1.40	.65	-1.11													
1975	95.35	1.80	1.86	1.41	.91	.16	1.45												
1976	98.15	1.96	2.04	1.72	1.42	1.08	2.19	2.93											
1977	100.00	1.95	2.02	1.74	1.51	1.28	2.09	2.41	1.89										
1978	100.46	1.78	1.82	1.56	1.33	1.12	1.68	1.76	1.17	.46									
1979	100.61	1.62	1.63	1.38	1.16	.95	1.37	1.35	.83	.30	.15								
1980	100.51	1.46	1.46	1.22	1.01	.80	1.13	1.06	.60	.17	.03	-.09							
1981	102.92	1.54	1.54	1.33	1.16	1.00	1.31	1.28	.95	.72	.81	1.14	2.39						
1982	103.10	1.43	1.43	1.23	1.06	.91	1.16	1.12	.82	.61	.65	.82	1.28	.17					
1983	104.99	1.46	1.46	1.28	1.13	1.00	1.24	1.21	.97	.81	.89	1.07	1.46	1.00	1.84				

TABLE 3B: LABOR PRODUCTIVITY: COMPOUND ANNUAL RATES OF GROWTH(%)  
(INDEX OF OUTPUT PER HOUR IN THE PRIVATE BUSINESS SECTOR)

TO	INDEX	FROM																		
		1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	
1951	51.80																			
1952	53.50	3.28																		
1953	55.20	3.23	3.18																	
1954	56.10	2.69	2.40	1.63																
1955	58.30	3.00	2.91	2.77	3.92															
1956	58.90	2.60	2.43	2.19	2.47	1.03														
1957	60.40	2.59	2.46	2.28	2.49	1.79	2.55													
1958	62.30	2.67	2.57	2.45	2.66	2.24	2.85	3.15												
1959	64.30	2.74	2.66	2.58	2.77	2.48	2.97	3.18	3.21											
1960	65.20	2.59	2.50	2.41	2.54	2.26	2.57	2.58	2.30	1.40										
1961	67.30	2.65	2.58	2.51	2.63	2.42	2.70	2.74	2.61	2.31	3.22									
1962	69.90	2.76	2.71	2.66	2.79	2.63	2.89	2.96	2.92	2.82	3.54	3.86								
1963	72.50	2.84	2.80	2.76	2.89	2.76	3.01	3.09	3.08	3.05	3.60	3.79	3.72							
1964	75.60	2.95	2.92	2.90	3.03	2.93	3.17	3.26	3.28	3.29	3.77	3.95	4.00	4.28						
1965	78.30	3.00	2.97	2.96	3.08	2.99	3.21	3.30	3.32	3.34	3.73	3.86	3.86	3.92	3.57					
1966	80.70	3.00	2.98	2.96	3.08	3.00	3.20	3.27	3.29	3.30	3.62	3.70	3.66	3.64	3.32	3.07				
1967	82.50	2.95	2.93	2.91	3.01	2.94	3.11	3.17	3.17	3.16	3.42	3.45	3.37	3.28	2.95	2.65	2.23			
1968	85.30	2.98	2.96	2.94	3.04	2.97	3.13	3.19	3.19	3.19	3.42	3.44	3.37	3.31	3.06	2.90	2.81	3.39		
1969	85.50	2.82	2.80	2.77	2.85	2.77	2.91	2.94	2.92	2.89	3.06	3.04	2.92	2.79	2.49	2.22	1.94	1.80	.23	
1970	86.20	2.72	2.69	2.66	2.72	2.64	2.76	2.77	2.74	2.70	2.83	2.79	2.65	2.50	2.21	1.94	1.66	1.47	.53	
1971	89.20	2.75	2.73	2.70	2.77	2.69	2.81	2.82	2.80	2.77	2.89	2.86	2.75	2.63	2.39	2.20	2.02	1.97	1.50	
1972	92.40	2.79	2.77	2.75	2.81	2.75	2.85	2.87	2.86	2.83	2.95	2.92	2.83	2.73	2.54	2.39	2.28	2.29	2.02	
1973	94.70	2.78	2.76	2.74	2.79	2.73	2.83	2.85	2.83	2.80	2.91	2.89	2.80	2.71	2.53	2.41	2.31	2.33	2.11	
1974	92.50	2.55	2.52	2.49	2.53	2.46	2.54	2.54	2.50	2.45	2.53	2.48	2.36	2.24	2.04	1.87	1.72	1.65	1.36	
1975	94.50	2.54	2.50	2.47	2.51	2.44	2.52	2.52	2.48	2.44	2.51	2.45	2.35	2.23	2.05	1.90	1.77	1.71	1.47	
1976	97.60	2.57	2.54	2.51	2.55	2.48	2.56	2.56	2.53	2.49	2.55	2.51	2.41	2.31	2.15	2.02	1.92	1.89	1.70	
1977	100.00	2.56	2.53	2.51	2.55	2.48	2.55	2.55	2.52	2.48	2.55	2.51	2.42	2.32	2.17	2.06	1.97	1.94	1.78	
1978	100.60	2.49	2.46	2.43	2.46	2.40	2.46	2.46	2.42	2.38	2.44	2.39	2.30	2.21	2.06	1.95	1.85	1.82	1.66	
1979	99.20	2.35	2.31	2.28	2.31	2.24	2.29	2.28	2.24	2.19	2.23	2.18	2.08	1.98	1.83	1.70	1.60	1.55	1.38	
1980	98.50	2.24	2.20	2.17	2.19	2.12	2.17	2.15	2.10	2.05	2.08	2.02	1.92	1.82	1.67	1.54	1.43	1.37	1.21	
1981	100.30	2.23	2.19	2.16	2.18	2.11	2.15	2.14	2.09	2.04	2.07	2.02	1.92	1.82	1.68	1.56	1.46	1.41	1.25	
1982	100.30	2.15	2.12	2.08	2.10	2.03	2.07	2.05	2.00	1.95	1.98	1.92	1.82	1.72	1.58	1.47	1.37	1.31	1.16	
1983	103.50	2.19	2.15	2.12	2.13	2.07	2.11	2.09	2.05	2.00	2.03	1.98	1.89	1.80	1.67	1.56	1.47	1.43	1.30	

TO	INDEX	FROM													
		1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
1970	86.20	.82													
1971	89.20	2.14	3.48												
1972	92.40	2.62	3.53	3.59											
1973	94.70	2.59	3.18	3.04	2.49										
1974	92.50	1.59	1.78	1.22	.05	-2.32									
1975	94.50	1.68	1.86	1.45	.75	-.11	2.16								
1976	97.60	1.91	2.09	1.82	1.38	1.01	2.72	3.28							
1977	100.00	1.98	2.14	1.92	1.59	1.37	2.63	2.87	2.46						
1978	100.60	1.82	1.95	1.73	1.43	1.22	2.12	2.11	1.53	.60					
1979	99.20	1.50	1.57	1.34	1.02	.78	1.41	1.22	.54	-.40	-1.39				
1980	98.50	1.30	1.34	1.11	.80	.56	1.05	.83	.23	-.50	-1.05	-.71			
1981	100.30	1.34	1.39	1.18	.92	.72	1.16	1.00	.55	.07	-.10	.55	1.83		
1982	100.30	1.24	1.27	1.07	.82	.64	1.02	.85	.46	.06	-.07	.37	.91	.00	
1983	103.50	1.37	1.42	1.25	1.04	.89	1.26	1.14	.84	.58	.57	1.07	1.66	1.58	3.19

TABLE 3C: LABOR PRODUCTIVITY: COMPOUND ANNUAL RATES OF GROWTH(%)  
(INDEX OF OUTPUT PER HOUR FOR WAGE & SALARY WORKERS)

TO	INDEX	FROM	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
1951	55.40																		
1952	56.81	2.55																	
1953	58.99	3.19	3.84																
1954	60.15	2.78	2.89	1.96															
1955	62.40	3.02	3.18	2.85	3.74														
1956	62.57	2.46	2.44	1.98	1.99	.27													
1957	64.24	2.50	2.49	2.15	2.22	1.46	2.67												
1958	66.10	2.55	2.55	2.30	2.38	1.94	2.78	2.89											
1959	68.18	2.63	2.64	2.44	2.54	2.24	2.91	3.03	3.16										
1960	69.31	2.52	2.52	2.33	2.39	2.12	2.59	2.56	2.40	1.65									
1961	71.56	2.59	2.60	2.44	2.51	2.31	2.72	2.73	2.68	2.44	3.24								
1962	73.92	2.66	2.67	2.54	2.61	2.45	2.82	2.85	2.84	2.73	3.28	3.31							
1963	76.30	2.70	2.72	2.61	2.68	2.55	2.87	2.91	2.91	2.85	3.25	3.26	3.21						
1964	78.80	2.75	2.76	2.67	2.74	2.63	2.93	2.96	2.97	2.94	3.26	3.27	3.24	3.28					
1965	80.56	2.71	2.72	2.63	2.69	2.59	2.85	2.87	2.87	2.82	3.05	3.01	2.91	2.75	2.23				
1966	82.10	2.66	2.66	2.57	2.63	2.53	2.75	2.76	2.75	2.69	2.86	2.79	2.66	2.47	2.07	1.91			
1967	82.79	2.54	2.54	2.45	2.49	2.38	2.58	2.57	2.53	2.46	2.57	2.46	2.29	2.06	1.66	1.37	.84		
1968	85.23	2.57	2.57	2.48	2.52	2.43	2.61	2.60	2.57	2.51	2.62	2.53	2.40	2.24	1.98	1.90	1.89	2.95	
1969	85.32	2.43	2.42	2.33	2.36	2.26	2.42	2.39	2.35	2.27	2.34	2.22	2.07	1.88	1.60	1.45	1.29	1.52	.12
1970	86.77	2.39	2.38	2.30	2.32	2.22	2.36	2.34	2.29	2.22	2.27	2.17	2.02	1.85	1.62	1.50	1.39	1.58	.90
1971	90.16	2.47	2.46	2.38	2.41	2.33	2.47	2.45	2.42	2.36	2.42	2.34	2.23	2.11	1.94	1.90	1.89	2.16	1.90
1972	92.52	2.47	2.47	2.40	2.42	2.34	2.48	2.46	2.43	2.38	2.44	2.36	2.27	2.17	2.03	2.00	2.01	2.25	2.07
1973	93.74	2.42	2.41	2.34	2.36	2.29	2.41	2.39	2.36	2.30	2.35	2.28	2.18	2.08	1.95	1.91	1.91	2.09	1.92
1974	93.45	2.30	2.29	2.21	2.23	2.15	2.25	2.23	2.19	2.12	2.16	2.07	1.97	1.86	1.72	1.66	1.63	1.75	1.55
1975	95.19	2.28	2.27	2.20	2.21	2.13	2.23	2.21	2.17	2.11	2.14	2.06	1.96	1.86	1.73	1.68	1.66	1.76	1.59
1976	98.15	2.31	2.30	2.24	2.25	2.18	2.28	2.26	2.22	2.17	2.20	2.13	2.05	1.96	1.85	1.81	1.80	1.91	1.78
1977	100.00	2.30	2.29	2.22	2.23	2.17	2.26	2.24	2.20	2.15	2.18	2.11	2.03	1.95	1.85	1.82	1.81	1.91	1.79
1978	100.39	2.23	2.21	2.15	2.16	2.09	2.17	2.15	2.11	2.06	2.08	2.01	1.93	1.85	1.75	1.71	1.69	1.77	1.65
1979	100.42	2.15	2.13	2.07	2.07	2.00	2.08	2.05	2.01	1.95	1.97	1.90	1.82	1.73	1.63	1.59	1.56	1.62	1.50
1980	101.48	2.11	2.09	2.03	2.03	1.96	2.04	2.01	1.97	1.91	1.92	1.86	1.78	1.69	1.59	1.55	1.53	1.58	1.47
1981	104.22	2.13	2.11	2.05	2.06	1.99	2.06	2.04	2.00	1.95	1.96	1.90	1.82	1.75	1.66	1.62	1.60	1.66	1.56
1982	105.31	2.09	2.08	2.02	2.02	1.96	2.02	2.00	1.96	1.91	1.92	1.86	1.79	1.71	1.62	1.59	1.57	1.62	1.52
1983	107.13	2.08	2.07	2.01	2.01	1.95	2.01	1.99	1.95	1.90	1.91	1.85	1.78	1.71	1.63	1.60	1.58	1.62	1.54

TO	INDEX	FROM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
1970	86.77	1.69													
1971	90.16	2.80	3.91												
1972	92.52	2.74	3.26	2.61											
1973	93.74	2.38	2.61	1.96	1.32										
1974	93.45	1.84	1.87	1.20	.50	-.31									
1975	95.19	1.84	1.87	1.36	.95	.77	1.86								
1976	98.15	2.02	2.08	1.71	1.49	1.55	2.48	3.12							
1977	100.00	2.00	2.05	1.74	1.57	1.63	2.28	2.50	1.88						
1978	100.39	1.82	1.84	1.55	1.37	1.38	1.81	1.79	1.14	.39					
1979	100.42	1.64	1.64	1.36	1.18	1.15	1.45	1.35	.76	.21	.03				
1980	101.48	1.59	1.58	1.32	1.16	1.14	1.38	1.29	.84	.49	.54	1.05			
1981	104.22	1.68	1.68	1.46	1.33	1.33	1.57	1.52	1.21	1.04	1.25	1.87	2.70		
1982	105.31	1.63	1.63	1.42	1.30	1.30	1.50	1.45	1.18	1.04	1.20	1.60	1.87	1.05	
1983	107.13	1.64	1.63	1.45	1.34	1.34	1.53	1.49	1.26	1.15	1.31	1.63	1.82	1.39	1.73

TABLE 3D: LABOR PRODUCTIVITY: COMPOUND ANNUAL RATES OF GROWTH(%)  
(INDEX OF OUTPUT PER HOUR FOR SELF-EMPLOYED)

TO	INDEX	FROM																		
		1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	
1951	60.82																			
1952	62.84	3.32																		
1953	60.97	.12	-2.98																	
1954	59.32	-.83	-2.84	-2.70																
1955	61.87	.43	-.51	.74	4.30															
1956	62.46	.54	-.15	.81	2.61	.95														
1957	64.45	.97	.51	1.40	2.80	2.06	3.18													
1958	68.52	1.72	1.45	2.36	3.67	3.46	4.74	6.32												
1959	66.80	1.18	.88	1.54	2.40	1.93	2.26	1.81	-2.50											
1960	66.23	.95	.66	1.19	1.85	1.37	1.47	.91	-1.68	-.86										
1961	68.99	1.27	1.04	1.56	2.18	1.83	2.01	1.72	.23	1.62	4.17									
1962	70.47	1.35	1.15	1.62	2.18	1.88	2.03	1.80	.70	1.80	3.15	2.14								
1963	72.69	1.50	1.33	1.77	2.28	2.03	2.19	2.03	1.19	2.13	3.15	2.64	3.15							
1964	75.08	1.63	1.49	1.91	2.38	2.17	2.33	2.21	1.54	2.36	3.19	2.86	3.22	3.30						
1965	80.02	1.98	1.88	2.29	2.76	2.60	2.79	2.74	2.24	3.05	3.85	3.78	4.33	4.92	6.57					
1966	84.77	2.24	2.16	2.57	3.02	2.90	3.10	3.09	2.70	3.46	4.20	4.20	4.73	5.26	6.25	5.94				
1967	88.77	2.39	2.33	2.72	3.15	3.05	3.25	3.25	2.92	3.62	4.27	4.29	4.72	5.12	5.74	5.33	4.72			
1968	90.41	2.36	2.30	2.66	3.06	2.96	3.13	3.12	2.81	3.42	3.97	3.94	4.24	4.46	4.75	4.15	3.27	1.85		
1969	91.18	2.28	2.21	2.55	2.91	2.81	2.95	2.93	2.63	3.16	3.62	3.55	3.75	3.85	3.96	3.32	2.46	1.35	.85	
1970	90.36	2.11	2.04	2.34	2.67	2.56	2.67	2.63	2.33	2.78	3.16	3.04	3.16	3.16	3.13	2.46	1.61	.59	-.02	
1971	91.38	2.06	1.99	2.27	2.57	2.47	2.57	2.53	2.24	2.65	2.97	2.85	2.93	2.90	2.85	2.24	1.51	.73	.36	
1972	96.53	2.22	2.17	2.45	2.74	2.65	2.76	2.73	2.48	2.87	3.19	3.10	3.20	3.20	3.19	2.72	2.19	1.69	1.65	
1973	110.53	2.75	2.73	3.02	3.33	3.28	3.41	3.43	3.24	3.66	4.02	4.01	4.18	4.28	4.39	4.12	3.86	3.72	4.10	
1974	100.67	2.22	2.17	2.42	2.68	2.59	2.69	2.66	2.43	2.77	3.04	2.95	3.02	3.00	2.98	2.58	2.17	1.81	1.81	
1975	97.82	2.00	1.94	2.17	2.41	2.32	2.39	2.35	2.12	2.41	2.63	2.53	2.55	2.51	2.43	2.03	1.60	1.22	1.13	
1976	98.08	1.93	1.87	2.09	2.31	2.22	2.28	2.23	2.01	2.28	2.48	2.37	2.39	2.33	2.25	1.87	1.47	1.11	1.02	
1977	100.00	1.93	1.88	2.08	2.30	2.21	2.27	2.22	2.01	2.27	2.45	2.35	2.36	2.30	2.23	1.88	1.51	1.20	1.13	
1978	101.28	1.91	1.85	2.05	2.25	2.17	2.22	2.18	1.97	2.21	2.39	2.28	2.29	2.24	2.16	1.83	1.49	1.21	1.14	
1979	103.06	1.90	1.85	2.04	2.23	2.15	2.20	2.16	1.96	2.19	2.35	2.25	2.26	2.21	2.13	1.82	1.51	1.25	1.20	
1980	89.83	1.35	1.28	1.45	1.61	1.50	1.53	1.45	1.24	1.42	1.54	1.40	1.36	1.25	1.13	.77	.41	.09	-.05	
1981	88.15	1.24	1.17	1.33	1.48	1.37	1.39	1.31	1.10	1.27	1.37	1.23	1.18	1.08	.95	.61	.26	-.05	-.19	
1982	78.72	.84	.75	.89	1.02	.90	.89	.80	.58	.72	.79	.63	.56	.42	.26	-.10	-.46	-.80	-.98	
1983	82.01	.94	.86	.99	1.12	1.01	1.01	.93	.72	.86	.93	.79	.72	.60	.47	.14	-.19	-.49	-.65	

TO	INDEX	FROM													
		1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
1970	90.36	-.90													
1971	91.38	.11	1.13												
1972	96.53	1.92	3.35	5.63											
1973	110.53	4.93	6.95	9.98	14.51										
1974	100.67	2.00	2.74	3.28	2.12	-8.92									
1975	97.82	1.18	1.60	1.72	.44	-5.93	-2.83								
1976	98.08	1.05	1.38	1.42	.40	-3.90	-1.29	.27							
1977	100.00	1.16	1.46	1.51	.71	-2.47	-.22	1.11	1.96						
1978	101.28	1.17	1.44	1.48	.80	-1.73	.15	1.17	1.62	1.28					
1979	103.06	1.23	1.47	1.51	.94	-1.16	.47	1.31	1.66	1.52	1.76				
1980	89.83	-.14	-.06	-.19	-.89	-2.92	-1.88	-1.69	-2.17	-3.51	-5.82	-12.84			
1981	88.15	-.28	-.23	-.36	-1.00	-2.79	-1.88	-1.72	-2.11	-3.10	-4.52	-7.52	-1.87		
1982	78.72	-1.12	-1.14	-1.35	-2.02	-3.70	-3.03	-3.05	-3.60	-4.67	-6.10	-8.59	-6.39	-10.69	
1983	82.01	-.75	-.74	-.90	-1.47	-2.94	-2.25	-2.18	-2.52	-3.25	-4.13	-5.55	-2.99	-3.55	4.17



TABLE 4A: AVERAGE REAL EARNINGS(OASDI COVERED) (1967 DOLLARS) AND THE AVERAGE ANNUAL PERCENTAGE CHANGE OVER SELECTED INTERVALS, 1951-1983

YEAR	AVERAGE REAL EARNINGS	AVERAGE ANNUAL PERCENTAGE CHANGE OVER THE FOLLOWING NUMBER OF YEARS:						
		1	5	10	15	20	25	30
1951	3292.56							
1952	3369.47	2.34						
1953	3545.54	5.23						
1954	3583.18	1.06						
1955	3746.94	4.57						
1956	3936.44	5.06	3.64					
1957	3933.87	-.07	3.15					
1958	3917.83	-.41	2.02					
1959	4072.47	3.95	2.59					
1960	4124.09	1.27	1.94					
1961	4147.48	.57	1.05	2.34				
1962	4291.51	3.47	1.76	2.45				
1963	4359.79	1.59	2.16	2.09				
1964	4507.29	3.38	2.05	2.32				
1965	4613.88	2.36	2.27	2.10				
1966	4747.82	2.90	2.74	1.89	2.47			
1967	4852.28	2.20	2.49	2.12	2.46			
1968	4939.60	1.80	2.53	2.34	2.24			
1969	4972.83	.67	1.99	2.02	2.21			
1970	4910.23	-1.26	1.25	1.76	1.82			
1971	4941.58	.64	.80	1.77	1.53	2.05		
1972	5150.14	4.22	1.20	1.84	1.81	2.14		
1973	5205.00	1.07	1.05	1.79	1.91	1.94		
1974	5015.87	-3.63	.17	1.07	1.40	1.70		
1975	4875.20	-2.80	-.14	.55	1.12	1.32		
1976	4996.78	2.49	.22	.51	1.25	1.20	1.68	
1977	4998.72	.04	-.60	.30	1.02	1.20	1.59	
1978	5028.56	.60	-.69	.18	.96	1.26	1.41	
1979	4905.87	-2.44	-.44	-.14	.57	.94	1.26	
1980	4661.25	-4.99	-.89	-.52	.07	.61	.88	
1981	4615.85	-.97	-1.57	-.68	-.19	.54	.64	1.13
1982	4580.41	-.77	-1.73	-1.17	-.38	.33	.61	1.03
1983	4649.86	1.52	-1.55	-1.12	-.40	.32	.69	.91

NOTE: THE AVERAGE REAL EARNINGS IS DEFINED AS THE AVERAGE AMOUNT OF TOTAL EARNINGS PER WORKER IN OASDI COVERED EMPLOYMENT, DIVIDED BY THE CPI-W(1967=100), FOR EACH YEAR.

TABLE 4B: AVERAGE REAL EARNINGS AGE-SEX ADJUSTED(OASDI COVERED)(1967 DOLLARS) AND THE AVERAGE ANNUAL PERCENTAGE CHANGE OVER SELECTED INTERVALS, 1951-1983

YEAR	AVERAGE REAL WAGES	AVERAGE ANNUAL PERCENTAGE CHANGE OVER THE FOLLOWING NUMBER OF YEARS:						
		1	5	10	15	20	25	30
1951	3180.87							
1952	3230.80	1.57						
1953	3373.97	4.43						
1954	3383.87	.29						
1955	3511.42	3.77						
1956	3693.51	5.19	3.03					
1957	3695.59	.06	2.72					
1958	3685.00	-.29	1.78					
1959	3835.10	4.07	2.54					
1960	3888.43	1.39	2.06					
1961	3905.51	.44	1.12	2.07				
1962	4056.38	3.86	1.88	2.30				
1963	4132.54	1.88	2.32	2.05				
1964	4311.67	4.33	2.37	2.45				
1965	4477.21	3.84	2.86	2.46				
1966	4667.39	4.25	3.63	2.37	2.59			
1967	4779.09	2.39	3.33	2.60	2.64			
1968	4899.12	2.51	3.46	2.89	2.52			
1969	4971.68	1.48	2.89	2.63	2.60			
1970	4910.23	-1.24	1.86	2.36	2.26			
1971	4943.89	.69	1.16	2.39	1.96	2.23		
1972	5182.48	4.83	1.63	2.48	2.28	2.39		
1973	5286.81	2.01	1.53	2.49	2.44	2.27		
1974	5092.95	-3.67	.48	1.68	1.91	2.07		
1975	4921.45	-3.37	.05	.95	1.58	1.70		
1976	5054.82	2.71	.44	.80	1.73	1.58	1.87	
1977	5061.16	.13	-.47	.58	1.49	1.58	1.81	
1978	5114.70	1.06	-.66	.43	1.43	1.65	1.68	
1979	4996.35	-2.31	-.38	.05	.99	1.33	1.57	
1980	4691.43	-6.10	-.95	-.45	.31	.94	1.17	
1981	4605.98	-1.82	-1.84	-.71	-.09	.83	.89	1.24
1982	4522.22	-1.82	-2.23	-1.35	-.37	.55	.81	1.13
1983	4562.88	.90	-2.26	-1.46	-.47	.50	.86	1.01

NOTE: THE AVERAGE REAL EARNINGS IS DEFINED AS THE AVERAGE AMOUNT OF TOTAL EARNINGS PER WORKER IN OASDI COVERED EMPLOYMENT, DIVIDED BY THE CPI-W(1967=100), FOR EACH YEAR. THE AGE-SEX-ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1970 COVERED WORKER POPULATION.

TABLE 4C: AVERAGE REAL WAGES(OASDI COVERED) (1967 DOLLARS) AND THE AVERAGE ANNUAL PERCENTAGE CHANGE OVER SELECTED INTERVALS, 1951-1983

YEAR	AVERAGE REAL WAGES	AVERAGE ANNUAL PERCENTAGE CHANGE OVER THE FOLLOWING NUMBER OF YEARS:						
		1	5	10	15	20	25	30
1951	3117.09							
1952	3213.76	3.10						
1953	3399.40	5.78						
1954	3445.10	1.34						
1955	3589.30	4.19						
1956	3758.97	4.73	3.82					
1957	3769.12	.27	3.24					
1958	3754.01	-.40	2.00					
1959	3905.42	4.03	2.54					
1960	3974.10	1.76	2.06					
1961	3986.76	.32	1.18	2.49				
1962	4126.13	3.50	1.83	2.53				
1963	4192.91	1.62	2.24	2.12				
1964	4331.48	3.30	2.09	2.32				
1965	4369.53	.88	1.92	1.99				
1966	4485.66	2.66	2.39	1.78	2.46			
1967	4603.00	2.62	2.21	2.02	2.42			
1968	4699.50	2.10	2.31	2.27	2.18			
1969	4758.19	1.25	1.90	1.99	2.18			
1970	4715.59	-.90	1.54	1.73	1.84			
1971	4744.40	.61	1.13	1.76	1.56	2.12		
1972	4929.50	3.90	1.38	1.79	1.81	2.16		
1973	4959.96	.62	1.08	1.69	1.87	1.91		
1974	4796.25	-3.30	.16	1.02	1.38	1.67		
1975	4687.36	-2.27	-.12	.70	1.11	1.34		
1976	4809.43	2.60	.27	.70	1.26	1.24	1.75	
1977	4823.92	.30	-.43	.47	1.05	1.24	1.64	
1978	4850.64	.55	-.44	.32	.98	1.29	1.43	
1979	4748.89	-2.10	-.20	-.02	.62	.98	1.29	
1980	4559.70	-3.98	-.55	-.34	.28	.69	.96	
1981	4551.78	-.17	-1.10	-.41	.10	.66	.77	1.27
1982	4542.10	-.21	-1.20	-.82	-.09	.48	.75	1.16
1983	4593.04	1.12	-1.09	-.77	-.15	..46	.81	1.01

NOTE: THE AVERAGE REAL WAGES IS DEFINED AS THE AVERAGE AMOUNT OF TOTAL WAGES PER WORKER IN OASDI COVERED EMPLOYMENT, DIVIDED BY THE CPI-W(1967=100), FOR EACH YEAR.

TABLE 4D: AVERAGE REAL SELF-EMPLOYMENT INCOME(OASDI COVERED) (1967 DOLLARS) AND THE AVERAGE ANNUAL PERCENTAGE CHANGE OVER SELECTED INTERVALS, 1951-1983

YEAR	AVERAGE REAL SEI	AVERAGE ANNUAL PERCENTAGE CHANGE OVER THE FOLLOWING NUMBER OF YEARS:							
		1	5	10	15	20	25	30	
1951	5030.31								
1952	4856.15	-3.46							
1953	4884.10	.58							
1954	4798.79	-1.75							
1955	4481.94	-6.60							
1956	4701.08	4.89	-1.34						
1957	4715.69	.31	-.59						
1958	4619.97	-2.03	-1.11						
1959	4849.57	4.97	.21						
1960	4794.00	-1.15	1.36						
1961	4929.45	2.83	.95	-.20					
1962	5137.59	4.22	1.73	.56					
1963	5240.57	2.00	2.55	.71					
1964	5576.67	6.41	2.83	1.51					
1965	6512.14	16.77	6.32	3.81					
1966	6822.76	4.77	6.72	3.79	2.05				
1967	6924.96	1.50	6.15	3.92	2.39				
1968	6778.39	-2.12	5.28	3.91	2.21				
1969	6753.46	-.37	3.90	3.37	2.30				
1970	6582.55	-2.53	.22	3.22	2.60				
1971	6606.79	.37	-.64	2.97	2.29	1.37			
1972	6966.77	5.45	.12	3.09	2.64	1.82			
1973	7092.00	1.80	.91	3.07	2.90	1.88			
1974	6662.89	-6.05	-.27	1.80	2.14	1.65			
1975	6237.76	-6.38	-1.07	-.43	1.77	1.67			
1976	6087.74	-2.41	-1.62	-1.13	1.42	1.30	.77		
1977	5919.72	-2.76	-3.20	-1.56	.95	1.14	.80		
1978	5940.66	.35	-3.48	-1.31	.84	1.27	.79		
1979	5566.09	-6.31	-3.53	-1.92	-.01	.69	.60		
1980	4731.01	-15.00	-5.38	-3.25	-2.11	-.07	.22		
1981	4133.13	-12.64	-7.45	-4.58	-3.29	-.88	-.51	-.65	
1982	3745.11	-9.39	-8.75	-6.02	-4.02	-1.57	-.92	-.86	
1983	4003.22	6.89	-7.59	-5.56	-3.45	-1.34	-.57	-.66	

NOTE: THE AVERAGE REAL SEI IS DEFINED AS THE AVERAGE AMOUNT OF TOTAL SEI PER WORKER IN OASDI COVERED EMPLOYMENT, DIVIDED BY THE CPI-W(1967=100), FOR EACH YEAR.

TABLE 5A: AVERAGE REAL EARNINGS(TOTAL U.S. ECONOMY) (1967 DOLLARS) AND THE AVERAGE ANNUAL PERCENTAGE CHANGE OVER SELECTED INTERVALS, 1951-1983

YEAR	AVERAGE REAL EARNINGS	AVERAGE ANNUAL PERCENTAGE CHANGE OVER THE FOLLOWING NUMBER OF YEARS:						
		1	5	10	15	20	25	30
1951	4371.64							
1952	4496.96	2.87						
1953	4629.36	2.94						
1954	4659.89	.66						
1955	4863.22	4.36						
1956	5012.78	3.08	2.77					
1957	5052.85	.80	2.36					
1958	5072.21	.38	1.84					
1959	5224.05	2.99	2.31					
1960	5270.38	.89	1.62					
1961	5357.95	1.66	1.34	2.06				
1962	5519.24	3.01	1.78	2.07				
1963	5623.46	1.89	2.08	1.96				
1964	5801.01	3.16	2.12	2.21				
1965	6006.72	3.55	2.65	2.13				
1966	6203.21	3.27	2.97	2.15	2.36			
1967	6274.08	1.14	2.60	2.19	2.24			
1968	6445.43	2.73	2.77	2.42	2.23			
1969	6517.06	1.11	2.36	2.24	2.26			
1970	6458.27	-.90	1.46	2.05	1.91			
1971	6530.21	1.11	1.03	2.00	1.78	2.03		
1972	6718.24	2.88	1.38	1.99	1.92	2.03		
1973	6849.03	1.95	1.22	1.99	2.02	1.98		
1974	6492.34	-5.21	-.08	1.13	1.46	1.67		
1975	6315.97	-2.72	-.44	.50	1.21	1.32		
1976	6349.59	.53	-.56	.23	1.14	1.19	1.50	
1977	6359.82	.16	-1.09	.14	.95	1.16	1.40	
1978	6388.30	.45	-1.38	-.09	.85	1.16	1.30	
1979	6236.57	-2.38	-.80	-.44	.48	.89	1.17	
1980	5885.12	-5.64	-1.40	-.93	-.14	.55	.77	
1981	5778.53	-1.81	-1.87	-1.22	-.47	.38	.57	.93
1982	5712.81	-1.14	-2.12	-1.61	-.62	.17	.49	.80
1983	5831.55	2.08	-1.81	-1.60	-.67	.18	.56	.77

NOTE: THE AVERAGE REAL EARNINGS IS DEFINED AS THE AVERAGE AMOUNT OF TOTAL EARNINGS PER WORKER IN TOTAL U.S. ECONOMY, DIVIDED BY THE CPI-W(1967=100), FOR EACH YEAR.

TABLE 5B: AVERAGE REAL WAGES(TOTAL U.S. ECONOMY) (1967 DOLLARS) AND THE AVERAGE ANNUAL PERCENTAGE CHANGE OVER SELECTED INTERVALS, 1951-1983

YEAR	AVERAGE REAL WAGES	AVERAGE ANNUAL PERCENTAGE CHANGE OVER THE FOLLOWING NUMBER OF YEARS:						
		1	5	10	15	20	25	30
1951	3902.57							
1952	4031.94	3.32						
1953	4203.78	4.26						
1954	4263.87	1.43						
1955	4466.07	4.74						
1956	4611.59	3.26	3.40					
1957	4638.72	.59	2.84					
1958	4651.60	.28	2.05					
1959	4820.52	3.63	2.48					
1960	4898.37	1.62	1.87					
1961	4966.20	1.38	1.49	2.44				
1962	5100.64	2.71	1.92	2.38				
1963	5215.08	2.24	2.31	2.18				
1964	5386.15	3.28	2.24	2.36				
1965	5510.65	2.31	2.38	2.12				
1966	5584.62	1.34	2.37	1.93	2.42			
1967	5672.72	1.58	2.15	2.03	2.30			
1968	5821.76	2.63	2.23	2.27	2.19			
1969	5894.05	1.24	1.82	2.03	2.18			
1970	5929.11	.59	1.47	1.93	1.91			
1971	6040.17	1.87	1.58	1.98	1.82	2.21		
1972	6234.04	3.21	1.91	2.03	1.99	2.20		
1973	6235.92	.03	1.38	1.80	1.97	1.99		
1974	6021.68	-3.44	.43	1.12	1.49	1.74		
1975	5925.02	-1.61	-.01	.73	1.28	1.42		
1976	6022.04	1.64	-.06	.76	1.29	1.34	1.75	
1977	6042.49	.34	-.62	.63	1.14	1.33	1.63	
1978	6036.83	-.09	-.65	.36	.98	1.31	1.46	
1979	5874.87	-2.68	-.49	-.03	.58	.99	1.29	
1980	5653.78	-3.76	-.93	-.47	.17	.72	.95	
1981	5598.83	-.97	-1.45	-.76	.02	.60	.78	1.21
1982	5623.20	.44	-1.43	-1.03	-.06	.49	.77	1.12
1983	5764.02	2.50	-.92	-.78	-.07	.50	.86	1.06

NOTE: THE AVERAGE REAL WAGES IS DEFINED AS THE AVERAGE AMOUNT OF TOTAL WAGES PER WORKER IN TOTAL U.S. ECONOMY, DIVIDED BY THE CPI-W(1967=100), FOR EACH YEAR.

TABLE 5C: AVERAGE REAL SELF-EMPLOYMENT INCOME(TOTAL U.S. ECONOMY) (1967 DOLLARS) AND THE AVERAGE ANNUAL PERCENTAGE CHANGE OVER SELECTED INTERVALS, 1951-1983

YEAR	AVERAGE REAL SEI	AVERAGE ANNUAL PERCENTAGE CHANGE OVER THE FOLLOWING NUMBER OF YEARS:						
		1	5	10	15	20	25	30
1951	5724.29							
1952	5654.08	-1.23						
1953	5500.76	-2.71						
1954	5487.50	-.24						
1955	5841.58	6.45						
1956	6000.61	2.72	.95					
1957	6096.96	1.61	1.52					
1958	6402.48	5.01	3.08					
1959	6467.24	1.01	3.34					
1960	6410.24	-.88	1.88					
1961	6631.15	3.45	2.02	1.48				
1962	6872.37	3.64	2.42	1.97				
1963	7124.69	3.67	2.16	2.62				
1964	7378.95	3.57	2.67	3.01				
1965	8002.18	8.45	4.54	3.20				
1966	8525.98	6.55	5.16	3.57	2.69			
1967	8515.04	-.13	4.38	3.40	2.77			
1968	8633.34	1.39	3.92	3.03	3.05			
1969	8473.87	-1.85	2.81	2.74	2.94			
1970	8025.06	-5.30	.06	2.27	2.14			
1971	8038.47	.17	-1.17	1.94	1.97	1.71		
1972	8523.52	6.03	.02	2.18	2.26	2.07		
1973	9704.12	13.85	2.37	3.14	2.81	2.88		
1974	8052.68	-17.02	-1.01	.88	1.47	1.94		
1975	7524.70	-6.56	-1.28	-.61	1.07	1.27		
1976	7464.92	-.79	-1.47	-1.32	.79	1.10	1.07	
1977	7459.54	-.07	-2.63	-1.31	.55	1.01	1.11	
1978	7526.35	.90	-4.96	-1.36	.37	.81	1.26	
1979	7232.00	-3.91	-2.13	-1.57	-.13	.56	1.11	
1980	5487.70	-24.12	-6.12	-3.73	-2.48	-.77	-.25	
1981	5038.25	-8.19	-7.56	-4.56	-3.45	-1.36	-.70	-.42
1982	4227.86	-16.08	-10.73	-6.77	-4.56	-2.40	-1.45	-.96
1983	4541.23	7.41	-9.61	-7.31	-4.19	-2.23	-1.36	-.64

NOTE: THE AVERAGE REAL SEI IS DEFINED AS THE AVERAGE AMOUNT OF TOTAL SEI PER WORKER IN TOTAL U.S. ECONOMY, DIVIDED BY THE CPI-W(1967=100), FOR EACH YEAR.

TABLE 6A: AVERAGE ANNUAL PERCENTAGE CHANGE IN PRODUCTIVITY AND AVERAGE REAL EARNINGS FOR TOTAL U.S. ECONOMY:  
COMPARISON DIFFERENTIAL(ADDITIVE BASIS) WITH GROWTH(MULTIPLICATIVE BASIS)

PERIOD	PRODUCTIVITY		AVERAGE REAL EARNINGS (TOTAL U.S. ECONOMY)		AVERAGE REAL EARNINGS (OASDI COVERED)	
	DIFFERENTIAL	GROWTH	DIFFERENTIAL	GROWTH	DIFFERENTIAL	GROWTH
	(1)	(2)	(3)	(4)	(5)	(6)
HISTORICAL:						
1953-1963	2.62	2.57	1.99	1.96	2.12	2.09
1963-1973	2.44	2.35	2.07	1.99	1.86	1.79
1973-1983	1.07	1.00	-1.73	-1.60	-1.22	-1.12
1953-1983	2.06	1.97	.81	.77	.95	.91
ASSUMED:						
1983-1993						
I	2.17	2.11	1.73	1.68	1.97	1.92
II-A	2.09	2.02	1.45	1.40	1.61	1.55
II-B	1.91	1.83	1.15	1.10	1.16	1.11
III	1.51	1.43	.63	.60	.53	.50
ULTIMATE:						
I	2.72	2.66	2.51	2.46	2.50	2.45
II-A	2.42	2.35	2.01	1.95	2.00	1.94
II-B	2.13	2.05	1.52	1.46	1.50	1.44
III	1.83	1.75	1.02	.97	1.00	.95



TABLE 6B: AVERAGE ANNUAL PERCENTAGE CHANGE IN AVERAGE REAL EARNINGS, PRODUCTIVITY, AND THEIR LINKAGES FOR TOTAL U.S. ECONOMY

PERIOD	PRODUCTIVITY	TOTAL LINKAGES	COMPENSATION PER PRODUCTION	EARNINGS PER COMPENSATION	HOURS PER WEEK	PRICE ADJUSTMENT	RESIDUAL	AVERAGE REAL EARNINGS
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
HISTORICAL:								
1953-1963	2.57	-.59	-.39	-.33	-.20	.63	-.30	1.96
1963-1973	2.35	-.35	.23	-.39	-.50	.18	.13	1.99
1973-1983	1.00	-2.57	-.55	-.50	-.53	-.91	-.10	-1.60
1953-1983	1.97	-1.18	-.23	-.41	-.41	-.04	-.09	.77
ASSUMED:								
1983-1993								
I	2.11	-.42	-.05	-.29	-.10	.01	.00	1.68
II-A	2.02	-.60	-.05	-.35	-.20	-.01	.00	1.40
II-B	1.83	-.72	-.04	-.36	-.30	-.01	.00	1.10
III	1.43	-.82	-.03	-.39	-.40	.00	.00	.60
ULTIMATE:								
I	2.66	-.19	.00	-.09	-.10	.00	.00	2.46
II-A	2.35	-.39	.00	-.19	-.20	.00	.00	1.95
II-B	2.05	-.58	.00	-.28	-.30	.00	.00	1.46
III	1.75	-.77	.00	-.37	-.40	.00	.00	.97

NOTE: (2) =  $((1+(3)/100.)*(1+(4)/100.)*(1+(5)/100.)*(1+(6)/100.)*(1+(7)/100.)-1.)*100.$   
 (8) =  $((1+(1)/100.)*(1+(2)/100.)-1.)*100.$

HISTORICALLY: (7) =  $((1+(2)/100.)/(1+(3)/100.)/(1+(4)/100.)/(1+(5)/100.)/(1+(6)/100.)-1.)*100.$

TABLE 6C: AVERAGE ANNUAL PERCENTAGE CHANGE IN AVERAGE REAL WAGES, PRODUCTIVITY, AND THEIR LINKAGES FOR U.S. ECONOMY

PERIOD	PRODUCTIVITY	TOTAL LINKAGES	COMPENSATION PER PRODUCTION	WAGES PER COMPENSATION	HOURS PER WEEK	PRICE ADJUSTMENT	RESIDUAL	AVERAGE REAL WAGES
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
HISTORICAL:								
1953-1963	2.61	-.42	-.34	-.35	-.20	.63	-.14	2.18
1963-1973	2.08	-.27	.37	-.41	-.50	.18	.10	1.80
1973-1983	1.34	-2.10	-.36	-.47	-.53	-.91	.16	-.78
1953-1983	2.01	-.93	-.11	-.41	-.41	-.04	.04	1.06
ASSUMED:								
1983-1993								
I	2.23	-.48	-.10	-.29	-.10	.01	.00	1.74
II-A	2.13	-.67	-.10	-.35	-.20	-.01	.00	1.45
II-B	1.94	-.78	-.10	-.38	-.30	-.01	.00	1.14
III	1.52	-.89	-.08	-.41	-.40	.00	.00	.62
ULTIMATE:								
I	2.66	-.20	.00	-.10	-.10	.00	.00	2.46
II-A	2.35	-.40	.00	-.20	-.20	.00	.00	1.94
II-B	2.05	-.60	.00	-.30	-.30	.00	.00	1.43
III	1.75	-.80	.00	-.40	-.40	.00	.00	.93

NOTE: (2) =  $((1+(3)/100.)*(1+(4)/100.)*(1+(5)/100.)*(1+(6)/100.)*(1+(7)/100.)-1.)*100.$   
 (8) =  $((1+(1)/100.)*(1+(2)/100.)-1.)*100.$

HISTORICALLY: (7) =  $((1+(2)/100.)/(1+(3)/100.)/(1+(4)/100.)/(1+(5)/100.)/(1+(6)/100.)-1.)*100.$

TABLE 6D: AVERAGE ANNUAL PERCENTAGE CHANGE IN AVERAGE REAL SELF-EMPLOYMENT INCOME(SEI), PRODUCTIVITY, AND THEIR LINKAGES FOR U.S. ECONOMY

PERIOD	PRODUCTIVITY	TOTAL LINKAGES	COMPENSATION PER PRODUCTION	SEI PER COMPENSATION	HOURS PER WEEK	PRICE ADJUSTMENT	RESIDUAL	AVERAGE REAL SEI
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
HISTORICAL:								
1953-1963	1.77	.83	-.09	.00	-.20	.63	.50	2.62
1963-1973	4.28	-1.10	-.57	.00	-.50	.18	-.21	3.14
1973-1983	-2.94	-4.50	-2.58	.00	-.53	-.91	-.55	-7.31
1953-1983	.99	-1.61	-1.09	.00	-.41	-.04	-.09	-.64
ASSUMED:								
1983-1993								
I	.06	.67	.76	.00	-.10	.01	.00	.73
II-A	.11	.55	.76	.00	-.20	-.01	.00	.65
II-B	.01	.45	.76	.00	-.30	-.01	.00	.46
III	-.04	.37	.78	.00	-.40	.00	.00	.33
ULTIMATE:								
I	2.66	-.10	.00	.00	-.10	.00	.00	2.56
II-A	2.35	-.20	.00	.00	-.20	.00	.00	2.14
II-B	2.05	-.30	.00	.00	-.30	.00	.00	1.74
III	1.75	-.40	.00	.00	-.40	.00	.00	1.34

NOTE: (2) =  $((1+(3)/100.)*(1+(4)/100.)*(1+(5)/100.)*(1+(6)/100.)*(1+(7)/100.)-1.)*100.$   
 (8) =  $((1+(1)/100.)*(1+(2)/100.)-1.)*100.$

HISTORICALLY: (7) =  $((1+(2)/100.)/(1+(3)/100.)/(1+(4)/100.)/(1+(5)/100.)/(1+(6)/100.)-1.)*100.$

TABLE 7: AVERAGE PERCENTAGE CHANGE IN AVERAGE REAL EARNINGS: COMPARISON OF TOTAL U.S. ECONOMY TO OASDI COVERED, 1953-1983 AND ASSUMPTIONS FOR 1984 TRUSTEES REPORT

PERIOD	AVERAGE REAL EARNINGS FOR U.S. ECONOMY	TOTAL LINKAGES	RATIO EMPLOYED LABOR FORCE TO COVERED WORKERS	RATIO COVERED EARNINGS TO U.S. EARNINGS	AVERAGE REAL EARNINGS FOR OASDI COVERED
	(1)	(2)	(3)	(4)	(5)
HISTORICAL:					
1953-1963	1.96	.12	-1.30	1.44	2.09
1963-1973	1.99	-.20	-.64	.44	1.79
1973-1983	-1.60	.48	.19	.29	-1.12
1953-1983	.77	.13	-.58	.72	.91
ASSUMED:					
1983-1993					
I	1.68	.23	-.01	.25	1.92
II-A	1.40	.15	-.10	.24	1.55
II-B	1.10	.01	-.23	.24	1.11
III	.60	-.10	-.33	.24	.50
ULTIMATE:					
I	2.46	-.01	-.01	.00	2.45
II-A	1.95	-.01	-.01	.00	1.94
II-B	1.46	-.01	-.01	-.01	1.44
III	.97	-.01	.00	-.01	.95

NOTE: (2) =  $((1+(3)/100.)*(1+(4)/100.)-1.)*100.$   
(5) =  $((1+(2)/100.)*(1+(1)/100.)-1.)*100.$

TABLE 8A: CPI-W AND THE AVERAGE ANNUAL PERCENTAGE CHANGE OVER SELECTED INTERVALS, 1913-1983

YEAR	CPI-W (1967 =100)	AVERAGE ANNUAL PERCENTAGE CHANGE OVER THE FOLLOWING NUMBER OF YEARS:							
		1	5	10	15	20	25	30	50
1951	77.8	7.92	5.87	5.84	4.28	2.71	1.55	1.25	
1952	79.6	2.37	3.55	5.02	4.20	3.39	1.72	1.55	
1953	80.2	.69	2.15	4.47	4.37	3.70	1.80	1.51	
1954	80.5	.34	2.42	4.32	4.50	3.54	1.82	1.52	
1955	80.3	-.26	2.17	4.06	4.41	3.40	1.91	1.43	
1956	81.5	1.48	.92	3.37	4.18	3.43	2.35	1.44	
1957	84.2	3.40	1.12	2.33	3.71	3.42	2.93	1.62	
1958	86.5	2.72	1.53	1.84	3.48	3.65	3.26	1.76	
1959	87.3	.94	1.65	2.03	3.42	3.78	3.16	1.79	
1960	88.7	1.52	2.01	2.09	3.37	3.81	3.12	1.93	
1961	89.6	1.10	1.93	1.42	2.89	3.61	3.13	2.28	
1962	90.7	1.14	1.48	1.30	2.05	3.15	3.03	2.69	
1963	91.8	1.25	1.19	1.36	1.62	2.90	3.16	2.91	2.28
1964	93.0	1.29	1.26	1.45	1.78	2.88	3.27	2.84	2.28
1965	94.5	1.62	1.28	1.64	1.82	2.85	3.30	2.81	2.29
1966	97.3	2.95	1.65	1.79	1.50	2.57	3.21	2.88	2.20
1967	100.0	2.80	1.98	1.73	1.53	2.03	2.91	2.85	1.93
1968	104.2	4.20	2.57	1.88	1.76	1.86	2.83	3.06	1.69
1969	109.8	5.41	3.39	2.32	2.10	2.18	2.98	3.29	1.51
1970	116.3	5.89	4.24	2.75	2.50	2.42	3.12	3.45	1.33
1971	121.3	4.28	4.51	3.07	2.69	2.24	2.96	3.43	1.65
1972	125.3	3.28	4.61	3.29	2.68	2.29	2.54	3.19	1.85
1973	133.1	6.22	5.01	3.78	2.91	2.56	2.48	3.19	1.93
1974	147.7	11.04	6.11	4.74	3.57	3.08	2.95	3.50	2.14
1975	161.2	9.13	6.75	5.49	4.07	3.55	3.27	3.72	2.27
1976	170.5	5.74	7.05	5.77	4.38	3.76	3.19	3.63	2.36
1977	181.5	6.49	7.70	6.15	4.74	3.91	3.35	3.38	2.53
1978	195.3	7.60	7.98	6.49	5.16	4.16	3.63	3.38	2.71
1979	217.6	11.39	8.05	7.08	5.83	4.67	4.06	3.78	2.93
1980	247.0	13.51	8.90	7.82	6.62	5.26	4.60	4.19	3.25
1981	272.3	10.25	9.82	8.42	7.10	5.71	4.95	4.26	3.64
1982	288.6	6.00	9.72	8.71	7.32	5.96	5.05	4.39	3.99
1983	297.4	3.03	8.77	8.37	7.24	6.05	5.06	4.47	4.16

NOTE: THE CPI-W FOR EACH YEAR IS THE AVERAGE OF THE TWELVE MONTHLY CONSUMER PRICE INDICES FOR URBAN WAGE EARNERS AND CLERICAL WORKERS IN THE UNITED STATES.

TABLE 8B: ANNUAL PERCENTAGE CHANGE IN CPI-W, PAST AND PROJECTED BY ALTERNATIVE

YEAR	ANNUAL PERCENTAGE CHANGE IN CPI-W	YEAR	ANNUAL PERCENTAGE CHANGE IN CPI-W	ANNUAL PERCENTAGE CHANGE IN CPI-W				
				YEAR	ALT I	ALT II-A	ALT II-B	ALT III
1914	1.3							
1915	1.0							
1916	7.6	1951	7.9					
1917	17.4	1952	2.4					
1918	17.4	1953	.7					
1919	14.9	1954	.3	1984	3.9	4.4	4.7	5.2
1920	15.8	1955	-.3	1985	3.8	4.6	5.3	5.7
1921	-10.7	1956	1.5	1986	3.7	4.5	5.5	6.0
1922	-6.3	1957	3.4	1987	3.6	4.2	5.2	5.5
1923	1.8	1958	2.7	1988	3.3	3.9	4.7	5.1
1924	.2	1959	.9	1989	2.9	3.6	4.3	5.0
1925	2.5	1960	1.5	1990	2.6	3.3	4.0	5.0
1926	1.0	1961	1.1	1991	2.1	3.0	4.0	5.0
1927	-1.9	1962	1.1	1992	2.0	3.0	4.0	5.0
1928	-1.3	1963	1.3	1993	2.0	3.0	4.0	5.0
1929	.0	1964	1.3	1994	2.0	3.0	4.0	5.0
1930	-2.5	1965	1.6	1995+	2.0	3.0	4.0	5.0
1931	-8.8	1966	2.9					
1932	-10.3	1967	2.8					
1933	-5.1	1968	4.2					
1934	3.4	1969	5.4					
1935	2.5	1970	5.9					
1936	1.0	1971	4.3					
1937	3.6	1972	3.3					
1938	-1.9	1973	6.2					
1939	-1.4	1974	11.0					
1940	1.0	1975	9.1					
1941	5.0	1976	5.7					
1942	10.7	1977	6.5					
1943	6.1	1978	7.6					
1944	1.7	1979	11.4					
1945	2.3	1980	13.5					
1946	8.5	1981	10.2					
1947	14.4	1982	6.0					
1948	7.8	1983	3.0					
1949	-1.0							
1950	1.0							

NOTE: THE CPI-W FOR EACH YEAR IS THE AVERAGE OF THE TWELVE MONTHLY CONSUMER PRICE INDICES FOR URBAN WAGE EARNERS AND CLERICAL WORKERS IN THE UNITED STATES.

Table 9A: Total and Age-Sex Adjusted Unemployment Rates over Selected Intervals, 1947-1983 (in percent)

Year	Total Rate							Age-Sex Adjusted Rate						
	Annual Average over the Following Number of Years:							Annual Average over the Following Number of Years:						
	1	5	10	15	20	25	30	1	5	10	15	20	25	30
1947	3.8							3.9						
1948	3.7							3.8						
1949	5.8							5.9						
1950	5.1							6.0						
1951	3.2	4.3						3.4	4.6					
1952	2.9	4.1						3.1	4.4					
1953	2.8	3.9						2.9	4.3					
1954	5.3	3.8						5.6	4.2					
1955	4.2	3.6						4.5	3.9					
1956	4.0	3.8	4.1					4.3	4.1	4.3				
1957	4.1	4.1	4.1					4.4	4.4	4.4				
1958	6.5	4.8	4.4					7.0	5.2	4.7				
1959	5.3	4.8	4.3					5.6	5.2	4.7				
1960	5.3	5.0	4.3					5.7	5.4	4.7				
1961	6.4	5.5	4.7	4.6				6.9	5.9	5.0	4.9			
1962	5.3	5.8	4.9	4.7				5.8	6.2	5.3	5.0			
1963	5.5	5.6	5.2	4.8				5.9	6.0	5.6	5.1			
1964	5.0	5.5	5.2	4.7				5.4	5.9	5.6	5.1			
1965	4.4	5.3	5.2	4.7				4.7	5.7	5.6	5.0			
1966	3.6	4.8	5.1	4.7	4.6			3.8	5.1	5.5	5.0	4.9		
1967	3.7	4.4	5.1	4.8	4.6			3.9	4.7	5.5	5.1	4.9		
1968	3.4	4.0	4.8	4.8	4.6			3.6	4.3	5.1	5.1	4.9		
1969	3.4	3.7	4.6	4.7	4.5			3.5	3.9	4.9	5.0	4.8		
1970	4.8	3.8	4.5	4.7	4.4			4.9	4.0	4.8	5.0	4.8		
1971	5.8	4.2	4.5	4.8	4.6	4.5		5.9	4.4	4.7	5.1	4.9	4.8	
1972	5.5	4.5	4.5	4.9	4.7	4.6		5.5	4.7	4.7	5.2	5.0	4.9	
1973	4.8	4.8	4.4	4.8	4.8	4.6		4.7	4.9	4.6	5.1	5.1	4.9	
1974	5.5	5.2	4.5	4.8	4.8	4.6		5.4	5.3	4.6	5.0	5.1	4.9	
1975	8.3	5.9	4.9	5.0	5.0	4.7		8.2	5.9	5.0	5.2	5.3	5.0	
1976	7.5	6.3	5.2	5.1	5.2	4.9	4.8	7.4	6.2	5.3	5.2	5.4	5.2	5.1
1977	6.9	6.6	5.6	5.2	5.3	5.1	4.9	6.8	6.5	5.6	5.3	5.5	5.3	5.2
1978	5.9	6.8	5.8	5.2	5.3	5.2	5.0	5.8	6.7	5.8	5.3	5.5	5.4	5.2
1979	5.7	6.9	6.1	5.3	5.3	5.2	5.0	5.6	6.7	6.0	5.3	5.5	5.4	5.2
1980	7.0	6.6	6.3	5.4	5.4	5.3	5.1	6.9	6.5	6.2	5.5	5.5	5.5	5.2
1981	7.5	6.6	6.5	5.7	5.5	5.5	5.2	7.4	6.5	6.4	5.7	5.6	5.6	5.4
1982	9.5	7.1	6.9	6.1	5.7	5.7	5.4	9.5	7.0	6.8	6.1	5.7	5.8	5.6
1983	9.4	7.8	7.3	6.5	5.9	5.8	5.6	9.5	7.8	7.2	6.5	5.9	5.9	5.8

NOTE: THE UNEMPLOYMENT RATE IS THE AVERAGE NUMBER OF UNEMPLOYED AS A PERCENTAGE OF THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR, WHICH INCLUDES ALL MILITARY PERSONNEL IN THE U.S. AND ABROAD. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 LABOR FORCE.

Table 9B: Male Unemployment Rates by Age Group, 1947-1983 (in percent)

Year	Age Group												Total (16+)	Age-Sex Adjusted
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
1947	8.8	7.7	3.8	2.7	2.7	2.5	2.5	2.6	2.8	3.0	3.4	2.0	3.8	4.0
1948	8.5	6.3	3.1	2.2	2.5	2.3	2.5	2.5	3.0	3.2	4.1	2.4	3.5	3.6
1949	12.1	9.3	5.7	4.1	4.3	4.1	4.3	4.4	5.2	5.6	6.1	3.7	5.7	5.9
1950	11.3	7.2	4.9	3.5	3.6	3.4	4.0	4.1	4.8	5.2	5.8	3.4	4.9	5.1
1951	6.7	2.9	2.5	1.8	1.9	1.9	2.3	2.4	2.7	2.9	4.2	2.5	2.6	2.7
1952	7.3	3.0	2.4	1.7	1.9	1.8	2.1	2.2	2.4	2.5	3.6	2.2	2.5	2.6
1953	6.6	3.0	2.4	1.7	2.0	1.9	2.2	2.3	2.7	2.9	2.8	1.7	2.5	2.6
1954	11.4	6.6	5.2	3.7	4.1	3.9	4.2	4.3	4.4	4.7	5.3	3.2	5.0	5.2
1955	9.7	5.1	3.6	2.5	3.1	2.9	3.2	3.2	4.2	4.5	4.8	2.9	3.9	4.1
1956	9.1	5.0	3.6	2.5	2.6	2.5	2.9	3.0	3.4	3.6	4.2	2.5	3.6	3.7
1957	10.0	5.9	3.6	2.5	2.8	2.7	3.2	3.3	3.4	3.7	4.0	2.4	3.8	4.0
1958	14.1	9.9	7.1	5.1	5.1	4.8	5.2	5.3	5.4	5.8	6.3	3.7	6.4	6.8
1959	13.1	6.9	5.1	3.6	3.7	3.5	4.1	4.2	4.4	4.7	5.8	3.5	5.0	5.2
1960	13.4	7.2	5.2	3.7	3.8	3.6	4.0	4.1	4.4	4.8	5.0	3.0	5.1	5.3
1961	14.8	8.8	6.2	4.4	4.6	4.3	4.8	4.9	5.5	6.0	6.6	4.0	6.1	6.3
1962	12.5	7.2	4.8	3.4	3.6	3.4	3.8	3.9	4.4	4.8	5.5	3.3	4.9	5.1
1963	14.7	7.2	4.8	3.4	3.4	3.2	3.6	3.6	4.2	4.5	5.5	3.2	5.0	5.2
1964	13.6	6.7	3.5	3.0	2.8	2.8	3.1	3.3	3.6	4.2	5.1	2.6	4.4	4.5
1965	12.5	5.3	3.0	2.5	2.5	2.4	2.4	2.5	3.2	3.4	4.1	2.7	3.8	3.8
1966	10.5	3.6	2.5	1.9	1.8	2.1	1.9	2.0	2.6	2.7	3.5	2.5	3.0	3.0
1967	10.6	3.6	2.3	1.7	1.5	1.8	1.9	1.9	2.2	2.6	3.3	2.2	2.9	2.8
1968	10.2	3.8	2.0	1.6	1.5	1.6	1.5	1.7	1.9	1.9	3.8	1.5	2.7	2.7
1969	10.3	3.8	2.0	1.4	1.2	1.6	1.5	1.5	1.9	1.7	2.5	1.8	2.6	2.6
1970	13.7	6.5	3.7	2.7	2.3	2.4	2.3	2.4	3.0	2.5	4.0	2.2	4.1	4.1
1971	15.4	8.4	4.7	3.4	3.0	3.0	2.8	3.2	3.2	3.6	4.6	1.6	5.1	5.1
1972	14.8	8.0	4.2	2.8	2.8	2.5	2.6	2.7	2.8	3.6	4.4	2.6	4.7	4.7
1973	12.9	6.4	3.9	2.3	2.1	1.9	2.2	2.0	2.2	2.8	3.7	2.1	4.0	3.9
1974	14.5	7.8	4.4	3.0	2.7	2.3	2.5	2.3	2.4	2.9	3.8	2.5	4.7	4.5
1975	18.6	12.9	7.6	5.5	4.9	4.6	4.7	4.8	4.2	4.5	6.9	3.3	7.6	7.5
1976	17.9	11.0	6.8	4.8	4.2	3.8	4.0	4.0	4.0	4.6	6.1	3.9	6.8	6.6
1977	16.2	9.8	6.3	4.3	3.4	3.3	3.1	3.3	3.3	4.0	6.3	3.8	6.1	5.9
1978	14.9	8.3	4.9	3.2	2.8	2.7	2.7	2.8	2.8	2.7	4.6	3.6	5.1	4.9
1979	15.0	7.9	4.7	3.3	2.9	2.7	2.5	2.9	2.7	2.8	4.2	2.5	5.0	4.8
1980	17.2	11.4	7.7	5.1	4.2	3.7	3.9	3.3	3.3	3.6	3.6	2.4	6.7	6.6
1981	19.0	12.1	7.7	5.6	4.6	4.3	4.2	3.8	3.6	3.6	3.2	2.5	7.1	7.1
1982	23.0	15.0	11.2	8.0	7.1	6.2	5.6	5.6	5.9	4.7	4.1	3.3	9.6	9.6
1983	22.3	14.7	9.8	7.0	6.4	5.7	5.7	5.9	6.0	6.3	6.6	4.1	9.1	9.2

NOTE: THE UNEMPLOYMENT RATE IS THE AVERAGE NUMBER OF UNEMPLOYED AS A PERCENTAGE OF THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR, WHICH INCLUDES ALL MILITARY PERSONNEL IN THE U.S. AND ABROAD. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 LABOR FORCE.



Table 90: Female Unemployment Rates by Age Group, 1947-1983 (in percent)

Year	Age Group												Total (16+)	Age-Sex Adjusted
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
1947	7.8	4.5	3.8	3.3	2.9	2.5	2.8	2.5	2.7	2.4	2.5	1.8	3.7	3.6
1948	8.3	4.8	4.6	4.0	3.2	2.8	3.1	2.9	3.2	3.0	2.8	1.5	4.1	4.1
1949	12.3	7.3	6.3	5.4	5.1	4.4	4.2	3.8	4.5	4.2	4.4	2.8	6.0	5.9
1950	11.4	6.9	11.3	9.8	4.7	4.0	4.7	4.3	4.6	4.3	3.9	2.7	5.7	7.1
1951	8.4	4.4	4.8	4.1	4.0	3.5	3.7	3.4	4.0	3.8	3.2	2.4	4.4	4.4
1952	8.0	4.5	3.8	3.3	3.2	2.8	2.6	2.4	2.5	2.3	2.5	1.8	3.6	3.7
1953	7.2	4.2	3.6	3.2	2.7	2.3	2.4	2.2	2.5	2.4	1.6	1.1	3.3	3.4
1954	11.3	7.2	7.0	6.0	5.7	4.9	4.8	4.4	4.7	4.3	3.4	2.3	6.0	6.2
1955	10.2	6.0	5.6	4.9	4.3	3.7	3.8	3.5	3.9	3.6	2.7	1.7	4.8	5.1
1956	11.2	6.3	5.1	4.4	4.2	3.6	3.7	3.5	3.7	3.5	2.8	1.6	4.8	5.1
1957	10.6	6.0	5.6	4.9	4.1	3.5	3.3	3.0	3.1	2.9	4.0	2.6	4.7	5.0
1958	14.3	8.9	7.8	6.8	6.6	5.7	5.1	4.7	4.6	4.3	4.3	2.8	6.8	7.2
1959	13.5	8.0	6.3	5.4	5.4	4.7	4.4	4.0	4.3	3.9	3.1	2.2	5.9	6.2
1960	13.9	8.3	6.7	5.8	5.2	4.5	4.4	4.0	3.5	3.2	3.2	2.0	5.9	6.3
1961	16.2	9.8	7.8	6.7	6.8	5.9	5.3	4.9	4.7	4.3	4.6	2.8	7.2	7.6
1962	14.5	9.1	6.9	6.0	5.5	4.8	4.3	3.9	3.6	3.3	4.6	3.1	6.2	6.6
1963	17.1	8.8	7.3	6.3	5.5	4.7	4.4	4.0	3.7	3.4	3.8	2.3	6.5	6.9
1964	16.6	8.6	7.2	5.2	5.4	4.7	4.2	3.7	3.7	3.3	3.8	2.9	6.2	6.6
1965	15.7	7.3	5.6	5.2	4.8	4.4	3.5	2.8	2.9	2.7	3.1	2.3	5.5	5.8
1966	14.0	6.2	4.2	4.7	4.1	3.1	3.0	2.8	2.5	2.0	3.6	1.6	4.8	4.9
1967	13.5	7.0	5.4	5.4	4.3	3.8	3.1	3.0	2.4	2.4	3.2	1.8	5.2	5.4
1968	14.0	6.7	4.6	4.7	3.9	3.0	2.4	2.5	2.2	2.1	3.1	2.0	4.8	4.9
1969	13.3	6.3	4.9	4.1	3.8	3.2	2.6	2.5	2.3	1.9	2.7	1.6	4.7	4.8
1970	15.6	7.9	5.9	5.6	4.7	4.1	3.8	3.2	2.9	2.4	3.7	2.2	5.9	6.0
1971	17.2	9.6	7.5	6.4	5.6	4.9	4.3	3.6	3.5	3.2	4.2	2.6	6.9	7.0
1972	16.7	9.4	6.5	5.9	5.1	4.7	4.1	3.2	3.5	3.1	4.1	2.4	6.6	6.6
1973	15.3	8.4	6.1	5.4	4.2	3.6	3.5	3.0	3.0	2.5	3.1	2.6	6.0	5.9
1974	16.6	9.4	6.5	5.7	5.0	4.3	3.9	3.5	3.4	3.0	4.2	2.6	6.7	6.6
1975	19.6	12.6	9.6	8.4	7.5	6.2	6.0	5.8	5.0	5.2	6.0	3.5	9.3	9.1
1976	18.6	11.8	8.6	8.2	6.4	5.9	5.3	5.0	4.9	4.8	5.7	3.9	8.6	8.4
1977	18.2	11.0	8.5	6.6	5.7	5.8	5.0	5.1	4.4	4.5	5.4	3.5	8.2	7.9
1978	17.0	10.0	7.0	6.3	5.3	4.7	4.1	4.0	3.1	3.4	4.5	2.8	7.2	6.9
1979	16.3	9.5	7.0	5.7	5.0	4.2	3.9	3.8	3.2	3.0	3.6	2.5	6.8	6.6
1980	17.0	10.2	7.9	6.3	5.7	4.9	4.7	4.3	3.4	3.0	3.8	2.1	7.4	7.2
1981	18.8	11.0	8.4	6.9	5.9	5.4	4.9	4.2	4.0	3.5	4.3	2.8	7.9	7.8
1982	21.7	13.0	9.9	8.5	7.1	6.8	5.9	5.8	5.2	5.2	3.6	2.6	9.4	9.4
1983	21.7	13.5	10.8	9.1	7.8	7.1	6.5	6.1	5.5	5.3	5.4	3.3	9.8	9.9

NOTE: THE UNEMPLOYMENT RATE IS THE AVERAGE NUMBER OF UNEMPLOYED AS A PERCENTAGE OF THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR, WHICH INCLUDES ALL MILITARY PERSONNEL IN THE U.S. AND ABROAD. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 LABOR FORCE.

Table 9D: Total Unemployment Rates by Age Group, 1947-1983 (in percent)

Year	Age Group												Total (16+)	Age-Sex Adjusted
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
1947	8.5	6.6	3.8	2.8	2.7	2.5	2.6	2.6	2.8	2.9	3.3	2.0	3.8	3.9
1948	8.4	5.8	3.5	2.7	2.7	2.4	2.7	2.6	3.0	3.2	3.9	2.3	3.7	3.8
1949	12.2	8.6	5.9	4.4	4.5	4.2	4.2	4.2	5.0	5.3	5.8	3.5	5.8	5.9
1950	11.3	7.1	6.7	5.1	3.9	3.6	4.2	4.1	4.7	5.0	5.4	3.3	5.1	6.0
1951	7.3	3.4	3.1	2.4	2.6	2.4	2.7	2.7	3.0	3.1	4.1	2.5	3.2	3.4
1952	7.6	3.5	2.8	2.1	2.3	2.1	2.3	2.3	2.4	2.5	3.4	2.1	2.9	3.1
1953	6.8	3.4	2.7	2.1	2.2	2.0	2.3	2.3	2.6	2.8	2.6	1.6	2.8	2.9
1954	11.3	6.8	5.7	4.3	4.6	4.2	4.4	4.3	4.5	4.6	4.9	3.0	5.3	5.6
1955	9.9	5.4	4.1	3.1	3.5	3.2	3.4	3.3	4.1	4.3	4.3	2.6	4.2	4.5
1956	9.9	5.4	4.0	3.0	3.1	2.9	3.2	3.2	3.5	3.6	3.8	2.3	4.0	4.3
1957	10.2	5.9	4.2	3.2	3.2	2.9	3.3	3.2	3.3	3.5	4.0	2.4	4.1	4.4
1958	14.2	9.5	7.3	5.5	5.6	5.1	5.2	5.1	5.1	5.4	5.8	3.5	6.5	7.0
1959	13.2	7.3	5.4	4.1	4.3	3.9	4.2	4.1	4.3	4.5	5.0	3.2	5.3	5.6
1960	13.6	7.6	5.6	4.2	4.2	3.8	4.1	4.1	4.1	4.3	4.5	2.8	5.3	5.7
1961	15.4	9.1	6.7	5.0	5.3	4.8	5.0	4.9	5.3	5.5	6.0	3.6	6.4	6.9
1962	13.3	7.9	5.4	4.1	4.2	3.9	4.0	3.9	4.1	4.3	5.3	3.3	5.3	5.8
1963	15.6	7.8	5.5	4.2	4.1	3.7	3.8	3.8	4.0	4.2	4.9	3.0	5.5	5.9
1964	14.8	7.4	4.6	3.6	3.6	3.4	3.5	3.4	3.7	3.9	4.7	2.7	5.0	5.4
1965	13.8	6.0	3.8	3.3	3.3	3.1	2.8	2.6	3.1	3.1	3.8	2.6	4.4	4.7
1966	11.9	4.6	3.0	2.8	2.5	2.4	2.3	2.3	2.5	2.5	3.6	2.2	3.6	3.8
1967	11.8	4.9	3.2	2.8	2.4	2.5	2.4	2.3	2.3	2.5	3.2	2.1	3.7	3.9
1968	11.7	4.9	2.8	2.6	2.3	2.1	1.8	2.0	2.0	2.0	3.6	1.6	3.4	3.6
1969	11.5	4.8	3.0	2.3	2.1	2.2	1.9	1.9	2.1	1.8	2.6	1.7	3.4	3.5
1970	14.5	7.1	4.4	3.6	3.1	3.0	2.9	2.7	2.9	2.5	3.9	2.2	4.8	4.9
1971	16.2	8.8	5.6	4.4	3.9	3.7	3.4	3.4	3.3	3.4	4.5	1.9	5.8	5.9
1972	15.6	8.5	5.0	3.8	3.6	3.3	3.1	2.9	3.1	3.4	4.3	2.6	5.5	5.5
1973	13.9	7.3	4.7	3.4	2.9	2.5	2.7	2.4	2.5	2.7	3.5	2.3	4.8	4.7
1974	15.4	8.5	5.2	4.0	3.6	3.0	3.1	2.7	2.8	2.9	3.9	2.6	5.5	5.4
1975	19.0	12.8	8.3	6.6	5.9	5.2	5.2	5.2	4.5	4.7	6.5	3.4	8.3	8.2
1976	18.2	11.3	7.5	6.1	5.0	4.6	4.5	4.4	4.4	4.6	5.9	3.9	7.5	7.4
1977	17.1	10.3	7.2	5.2	4.3	4.3	3.9	4.0	3.7	4.2	5.9	3.7	6.9	6.8
1978	15.9	9.1	5.8	4.4	3.8	3.5	3.3	3.3	2.9	3.0	4.6	3.3	5.9	5.8
1979	15.6	8.6	5.6	4.3	3.8	3.3	3.1	3.3	2.9	2.9	4.0	2.5	5.7	5.6
1980	17.1	10.9	7.8	5.6	4.8	4.2	4.3	3.7	3.3	3.3	3.7	2.2	7.0	6.9
1981	18.9	11.6	8.0	6.2	5.1	4.8	4.5	3.9	3.8	3.6	3.6	2.6	7.5	7.4
1982	22.4	14.1	10.7	8.2	7.1	6.5	5.7	5.7	5.6	4.9	3.9	3.0	9.5	9.5
1983	22.0	14.2	10.2	7.9	7.0	6.3	6.1	6.0	5.8	5.8	6.1	3.8	9.4	9.5

- 67 -

NOTE: THE UNEMPLOYMENT RATE IS THE AVERAGE NUMBER OF UNEMPLOYED AS A PERCENTAGE OF THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR, WHICH INCLUDES ALL MILITARY PERSONNEL IN THE U.S. AND ABROAD. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 LABOR FORCE.

Table 9E: Alternative I Unemployment Rates by Age Group and Sex, 1984-2000+ (in percent)

Sex	Year	Age Group												Total (16+)	Age-Sex Adjusted
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
<b>Male</b>															
	1984	18.2	11.3	7.4	5.3	4.9	4.4	4.5	4.7	4.9	5.3	5.8	3.6	7.1	7.2
	1985	16.7	10.0	6.5	4.7	4.3	4.0	4.1	4.2	4.5	4.8	5.5	3.3	6.3	6.4
	1986	15.5	8.9	5.8	4.1	3.9	3.6	3.8	3.9	4.1	4.4	5.2	3.2	5.6	5.8
	1987	14.6	8.1	5.3	3.7	3.6	3.3	3.5	3.6	3.9	4.2	5.1	3.1	5.2	5.4
	1988	13.8	7.3	4.7	3.3	3.2	3.1	3.3	3.4	3.7	4.0	4.9	3.0	4.7	4.9
	1989	13.0	6.5	4.1	2.9	2.9	2.8	3.0	3.1	3.5	3.8	4.8	2.9	4.3	4.5
	1990	12.6	6.3	4.0	2.8	2.8	2.7	3.0	3.0	3.3	3.6	4.7	2.8	4.1	4.4
	1991	12.7	6.4	4.1	2.9	2.8	2.8	3.0	3.0	3.4	3.7	4.7	2.8	4.1	4.4
	1992	12.7	6.4	4.1	2.9	2.9	2.8	3.0	3.1	3.4	3.7	4.7	2.8	4.1	4.4
	1993	12.8	6.5	4.1	2.9	2.9	2.8	3.0	3.1	3.4	3.7	4.7	2.8	4.1	4.5
	1995	12.1	6.3	4.1	2.9	2.8	2.7	2.9	2.9	3.2	3.5	4.3	2.6	4.0	4.3
	2000+	12.2	6.4	4.1	2.9	2.8	2.7	2.9	3.0	3.2	3.5	4.4	2.6	4.0	4.3
<b>Female</b>															
	1984	18.5	11.1	9.1	7.8	6.5	5.8	5.4	5.0	4.7	4.4	4.6	2.9	8.2	8.3
	1985	17.6	10.3	8.4	7.3	6.1	5.5	5.0	4.7	4.4	4.1	4.4	2.8	7.6	7.8
	1986	16.6	9.6	7.8	6.8	5.8	5.1	4.7	4.3	4.1	3.9	4.2	2.7	7.1	7.3
	1987	16.0	9.1	7.4	6.5	5.6	4.9	4.5	4.1	4.0	3.7	4.1	2.6	6.8	7.0
	1988	15.5	8.7	7.1	6.2	5.3	4.6	4.3	3.9	3.8	3.6	4.0	2.6	6.4	6.7
	1989	15.0	8.2	6.8	6.0	5.1	4.4	4.1	3.8	3.7	3.4	3.9	2.5	6.1	6.4
	1990	14.6	8.0	6.5	5.8	5.0	4.3	4.0	3.6	3.6	3.3	3.8	2.4	5.9	6.2
	1991	14.7	8.0	6.5	5.8	5.0	4.3	4.0	3.7	3.6	3.3	3.8	2.4	5.9	6.2
	1992	14.7	8.1	6.6	5.8	5.0	4.3	4.0	3.7	3.6	3.3	3.8	2.4	5.9	6.2
	1993	14.7	8.1	6.6	5.8	5.0	4.3	4.0	3.7	3.6	3.3	3.8	2.4	5.8	6.3
	1995	13.7	7.6	6.2	5.4	4.7	4.1	3.8	3.5	3.4	3.1	3.5	2.3	5.4	5.9
	2000+	13.8	7.7	6.2	5.5	4.7	4.1	3.8	3.5	3.4	3.1	3.6	2.3	5.4	5.9
<b>Total</b>															
	1984	18.3	11.2	8.2	6.4	5.6	5.0	4.9	4.8	4.8	4.9	5.3	3.3	7.6	7.7
	1985	17.1	10.1	7.4	5.8	5.1	4.6	4.5	4.4	4.5	4.5	5.0	3.1	6.9	7.0
	1986	16.0	9.2	6.7	5.3	4.7	4.3	4.2	4.1	4.1	4.2	4.8	3.0	6.3	6.4
	1987	15.3	8.6	6.2	4.9	4.4	4.0	3.9	3.8	3.9	4.0	4.7	2.9	5.9	6.1
	1988	14.6	7.9	5.8	4.6	4.2	3.8	3.7	3.6	3.8	3.8	4.5	2.8	5.5	5.7
	1989	14.0	7.3	5.3	4.3	3.9	3.5	3.5	3.4	3.6	3.6	4.4	2.7	5.1	5.3
	1990	13.6	7.1	5.1	4.1	3.8	3.4	3.4	3.3	3.5	3.5	4.3	2.6	4.9	5.1
	1991	13.6	7.2	5.2	4.2	3.8	3.5	3.4	3.3	3.5	3.5	4.3	2.6	4.9	5.2
	1992	13.7	7.2	5.2	4.2	3.8	3.5	3.5	3.3	3.5	3.5	4.3	2.6	4.9	5.2
	1993	13.7	7.2	5.2	4.2	3.9	3.5	3.5	3.3	3.5	3.5	4.3	2.6	4.9	5.2
	1995	12.9	6.9	5.0	4.0	3.7	3.3	3.3	3.2	3.3	3.3	4.0	2.5	4.6	5.0
	2000+	12.9	7.0	5.1	4.1	3.7	3.4	3.3	3.2	3.3	3.3	4.0	2.5	4.6	5.0

NOTE: SAME AS TABLE 9D

Table 9F: Alternative II-A Unemployment Rates by Age Group and Sex, 1984-2000+ (in percent)

Sex	Year	Age Group											Total (16+)	Age-Sex Adjusted	
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69			70+
Male	1984	18.4	11.5	7.6	5.5	5.0	4.5	4.6	4.8	5.0	5.3	5.8	3.5	7.2	7.3
	1985	17.4	10.6	7.0	5.0	4.6	4.2	4.3	4.5	4.7	5.0	5.5	3.4	6.6	6.8
	1986	16.8	10.1	6.6	4.7	4.4	4.0	4.2	4.3	4.5	4.8	5.4	3.3	6.3	6.5
	1987	16.2	9.5	6.2	4.5	4.2	3.8	4.0	4.1	4.3	4.6	5.3	3.3	6.0	6.2
	1988	15.4	8.8	5.8	4.1	3.9	3.6	3.8	3.9	4.1	4.4	5.2	3.1	5.5	5.8
	1989	14.8	8.3	5.4	3.8	3.6	3.4	3.6	3.7	4.0	4.3	5.1	3.1	5.2	5.5
	1990	14.0	7.6	4.9	3.5	3.3	3.2	3.4	3.4	3.7	4.0	4.9	3.0	4.8	5.1
	1991	13.8	7.5	4.8	3.4	3.3	3.1	3.3	3.4	3.7	4.0	4.9	2.9	4.7	5.0
	1992	13.9	7.6	4.9	3.5	3.3	3.2	3.3	3.4	3.7	4.0	4.9	2.9	4.7	5.0
	1993	13.9	7.6	4.9	3.5	3.3	3.2	3.4	3.4	3.7	4.0	4.9	2.9	4.7	5.1
1995	13.2	7.3	4.7	3.4	3.2	3.0	3.2	3.3	3.5	3.8	4.6	2.8	4.5	4.9	
2000+	13.3	7.3	4.8	3.4	3.2	3.0	3.2	3.3	3.5	3.8	4.6	2.8	4.5	4.9	
Female	1984	18.6	11.2	9.2	7.8	6.6	5.9	5.4	5.1	4.7	4.4	4.6	2.9	8.2	8.4
	1985	17.9	10.7	8.6	7.4	6.3	5.6	5.2	4.8	4.5	4.2	4.5	2.8	7.8	8.0
	1986	17.5	10.4	8.4	7.2	6.2	5.5	5.0	4.7	4.4	4.1	4.4	2.8	7.6	7.8
	1987	17.1	10.0	8.1	7.0	6.0	5.3	4.9	4.5	4.3	4.0	4.3	2.8	7.3	7.6
	1988	16.5	9.5	7.7	6.7	5.8	5.1	4.7	4.3	4.1	3.9	4.2	2.7	7.0	7.2
	1989	16.2	9.2	7.5	6.5	5.6	4.9	4.6	4.2	4.0	3.8	4.1	2.6	6.7	7.0
	1990	15.5	8.8	7.1	6.2	5.4	4.7	4.3	4.0	3.9	3.6	4.0	2.5	6.4	6.7
	1991	15.4	8.7	7.0	6.2	5.3	4.6	4.3	3.9	3.8	3.6	4.0	2.5	6.3	6.6
	1992	15.5	8.7	7.0	6.2	5.4	4.7	4.3	4.0	3.8	3.6	4.0	2.5	6.3	6.7
	1993	15.5	8.7	7.1	6.2	5.4	4.7	4.3	4.0	3.8	3.6	4.0	2.5	6.2	6.7
1995	14.6	8.3	6.7	5.8	5.1	4.4	4.1	3.8	3.6	3.4	3.7	2.4	5.8	6.3	
2000+	14.6	8.3	6.7	5.9	5.1	4.4	4.1	3.8	3.6	3.4	3.7	2.4	5.8	6.3	
Total	1984	18.5	11.4	8.3	6.5	5.7	5.1	5.0	4.9	4.8	4.9	5.3	3.3	7.7	7.8
	1985	17.6	10.7	7.7	6.1	5.4	4.8	4.7	4.6	4.6	4.7	5.1	3.2	7.2	7.3
	1986	17.2	10.2	7.4	5.8	5.2	4.7	4.5	4.4	4.5	4.5	5.0	3.1	6.9	7.1
	1987	16.6	9.8	7.1	5.6	5.0	4.5	4.4	4.3	4.3	4.4	4.9	3.0	6.6	6.8
	1988	15.9	9.1	6.6	5.3	4.7	4.3	4.2	4.1	4.1	4.2	4.8	2.9	6.2	6.4
	1989	15.5	8.7	6.3	5.0	4.5	4.1	4.0	3.9	4.0	4.1	4.7	2.9	5.9	6.1
	1990	14.7	8.1	5.9	4.7	4.2	3.8	3.8	3.7	3.8	3.8	4.5	2.8	5.5	5.8
	1991	14.6	8.0	5.8	4.6	4.2	3.8	3.8	3.6	3.8	3.8	4.5	2.8	5.4	5.7
	1992	14.6	8.1	5.8	4.7	4.2	3.8	3.8	3.7	3.8	3.8	4.5	2.8	5.4	5.7
	1993	14.7	8.1	5.9	4.7	4.3	3.9	3.8	3.7	3.8	3.8	4.5	2.8	5.4	5.8
1995	13.9	7.8	5.6	4.5	4.1	3.7	3.6	3.5	3.6	3.6	4.2	2.6	5.1	5.5	
2000+	13.9	7.8	5.6	4.5	4.1	3.7	3.6	3.5	3.6	3.6	4.3	2.6	5.1	5.5	

NOTE: SAME AS TABLE 9D

Table 9G: Alternative II-B Unemployment Rates by Age Group and Sex, 1984-2000+ (in percent)

Sex	Year	Age Group											Total (16+)	Age-Sex Adjusted	
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69			70+
Male															
	1984	18.6	11.7	7.8	5.6	5.1	4.6	4.7	4.8	5.0	5.3	5.8	3.6	7.3	7.4
	1985	17.8	11.0	7.3	5.2	4.8	4.4	4.5	4.6	4.8	5.1	5.6	3.4	6.9	7.0
	1986	17.2	10.5	6.9	5.0	4.6	4.2	4.3	4.4	4.6	4.9	5.5	3.4	6.5	6.7
	1987	16.9	10.1	6.7	4.8	4.4	4.1	4.2	4.3	4.5	4.8	5.4	3.3	6.3	6.5
	1988	16.3	9.6	6.3	4.5	4.2	3.9	4.0	4.1	4.4	4.6	5.3	3.2	6.0	6.3
	1989	15.7	9.2	6.0	4.3	4.0	3.7	3.9	4.0	4.2	4.5	5.2	3.2	5.7	6.0
	1990	15.4	8.8	5.8	4.1	3.9	3.6	3.8	3.8	4.1	4.4	5.2	3.1	5.4	5.8
	1991	15.0	8.5	5.6	4.0	3.7	3.5	3.7	3.8	4.0	4.3	5.1	3.1	5.3	5.6
	1992	15.1	8.6	5.6	4.0	3.8	3.5	3.7	3.8	4.0	4.3	5.1	3.1	5.3	5.7
	1993	15.1	8.7	5.7	4.0	3.8	3.6	3.7	3.8	4.0	4.3	5.1	3.1	5.3	5.7
	1995	14.4	8.3	5.4	3.9	3.6	3.4	3.5	3.6	3.8	4.1	4.8	2.9	5.0	5.4
	2000+	14.4	8.3	5.4	3.9	3.6	3.4	3.5	3.6	3.8	4.1	4.8	2.9	5.0	5.4
Female															
	1984	18.7	11.3	9.2	7.9	6.6	6.0	5.5	5.1	4.7	4.5	4.7	2.9	8.3	8.4
	1985	18.3	10.9	8.8	7.6	6.5	5.8	5.3	4.9	4.6	4.3	4.6	2.9	8.0	8.2
	1986	17.8	10.6	8.5	7.3	6.3	5.6	5.2	4.8	4.5	4.2	4.5	2.8	7.7	7.9
	1987	17.6	10.4	8.4	7.2	6.2	5.5	5.1	4.7	4.4	4.1	4.4	2.8	7.6	7.8
	1988	17.1	10.0	8.1	7.0	6.0	5.3	4.9	4.5	4.3	4.0	4.3	2.7	7.3	7.6
	1989	16.7	9.7	7.9	6.8	5.9	5.2	4.8	4.4	4.2	3.9	4.2	2.7	7.0	7.3
	1990	16.5	9.5	7.7	6.7	5.8	5.1	4.7	4.3	4.1	3.9	4.2	2.7	6.9	7.2
	1991	16.2	9.3	7.5	6.5	5.7	5.0	4.6	4.2	4.0	3.8	4.1	2.6	6.7	7.1
	1992	16.2	9.4	7.5	6.5	5.7	5.0	4.6	4.2	4.1	3.8	4.1	2.6	6.7	7.1
	1993	16.3	9.4	7.6	6.6	5.7	5.0	4.6	4.2	4.1	3.8	4.1	2.6	6.6	7.1
	1995	15.5	8.9	7.2	6.3	5.4	4.8	4.4	4.1	3.9	3.6	3.9	2.5	6.3	6.8
	2000+	15.5	8.9	7.2	6.3	5.4	4.8	4.4	4.1	3.9	3.6	3.9	2.5	6.2	6.8
Total															
	1984	18.6	11.6	8.4	6.6	5.8	5.2	5.0	4.9	4.9	5.0	5.3	3.3	7.7	7.9
	1985	18.0	11.0	8.0	6.2	5.5	5.0	4.8	4.7	4.7	4.8	5.2	3.2	7.3	7.5
	1986	17.5	10.5	7.6	6.0	5.3	4.8	4.7	4.6	4.6	4.6	5.1	3.1	7.1	7.2
	1987	17.2	10.3	7.4	5.8	5.2	4.7	4.6	4.5	4.5	4.5	5.0	3.1	6.9	7.1
	1988	16.7	9.8	7.1	5.6	5.0	4.5	4.4	4.3	4.3	4.4	4.9	3.0	6.6	6.8
	1989	16.2	9.4	6.8	5.4	4.8	4.4	4.3	4.1	4.2	4.2	4.8	3.0	6.3	6.5
	1990	15.9	9.1	6.6	5.2	4.7	4.3	4.2	4.1	4.1	4.2	4.8	2.9	6.1	6.4
	1991	15.6	8.9	6.4	5.1	4.6	4.2	4.1	4.0	4.0	4.1	4.7	2.9	5.9	6.2
	1992	15.6	9.0	6.5	5.1	4.6	4.2	4.1	4.0	4.0	4.1	4.7	2.9	5.9	6.3
	1993	15.7	9.0	6.5	5.1	4.6	4.2	4.1	4.0	4.0	4.1	4.7	2.9	5.9	6.3
	1995	14.9	8.6	6.2	4.9	4.4	4.0	3.9	3.8	3.8	3.9	4.5	2.7	5.6	6.0
	2000+	14.9	8.6	6.2	4.9	4.4	4.0	3.9	3.8	3.9	3.9	4.5	2.8	5.5	6.0

NOTE: SAME AS TABLE 9D

Table 9H: Alternative III Unemployment Rates by Age Group and Sex, 1984-2000+ (in percent)

Sex	Year	Age Group											Total (16+)	Age-Sex Adjusted		
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69			70+	
Male	1984	19.2	12.4	8.3	5.9	5.4	4.8	4.9	5.0	5.2	5.4	5.8	3.6	7.7	7.8	
	1985	21.1	14.1	9.5	6.8	6.1	5.5	5.5	5.6	5.7	5.8	6.1	3.8	8.6	8.8	
	1986	20.8	13.7	9.1	6.5	5.9	5.3	5.3	5.5	5.6	5.8	6.1	3.8	8.3	8.6	
	1987	20.0	13.0	8.7	6.2	5.6	5.0	5.1	5.3	5.4	5.6	6.0	3.7	7.9	8.1	
	1988	19.4	12.5	8.3	5.9	5.4	4.9	4.9	5.1	5.2	5.5	5.9	3.6	7.5	7.8	
	1989	18.7	11.8	7.8	5.6	5.1	4.6	4.7	4.8	5.0	5.3	5.8	3.5	7.1	7.5	
	1990	17.9	11.1	7.3	5.3	4.8	4.4	4.5	4.6	4.8	5.1	5.6	3.4	6.7	7.1	
	1991	17.3	10.6	7.0	5.0	4.6	4.2	4.3	4.4	4.6	4.9	5.5	3.3	6.3	6.8	
	1992	17.4	10.7	7.1	5.1	4.7	4.3	4.4	4.5	4.7	4.9	5.5	3.3	6.4	6.8	
	1993	17.5	10.8	7.1	5.1	4.7	4.3	4.4	4.5	4.7	4.9	5.5	3.3	6.4	6.9	
	1995	16.7	10.2	6.8	4.8	4.5	4.1	4.2	4.3	4.5	4.7	5.3	3.2	6.0	6.5	
	2000+	16.6	10.2	6.7	4.8	4.4	4.1	4.2	4.3	4.5	4.7	5.3	3.2	6.0	6.5	
	Female	1984	19.0	11.7	9.4	8.0	6.8	6.1	5.6	5.3	4.8	4.6	4.7	2.9	8.5	8.6
		1985	20.5	12.8	10.0	8.5	7.5	6.7	6.1	5.7	5.2	4.9	5.1	3.1	9.1	9.3
1986		20.4	12.6	10.1	8.5	7.3	6.6	6.1	5.7	5.1	4.9	5.1	3.1	9.0	9.3	
1987		19.7	12.1	9.7	8.3	7.1	6.4	5.8	5.5	5.0	4.7	4.9	3.0	8.7	8.9	
1988		19.4	11.8	9.5	8.1	6.9	6.2	5.7	5.3	4.9	4.6	4.8	3.0	8.5	8.8	
1989		18.8	11.4	9.2	7.8	6.7	6.0	5.5	5.1	4.7	4.5	4.7	2.9	8.1	8.5	
1990		18.3	11.0	8.8	7.6	6.5	5.8	5.3	4.9	4.6	4.3	4.6	2.9	7.8	8.2	
1991		17.8	10.6	8.5	7.3	6.3	5.6	5.2	4.8	4.5	4.2	4.5	2.8	7.5	7.9	
1992		17.9	10.7	8.5	7.3	6.3	5.6	5.2	4.8	4.5	4.2	4.5	2.8	7.5	7.9	
1993		17.9	10.7	8.5	7.3	6.4	5.6	5.2	4.8	4.5	4.2	4.5	2.8	7.5	8.0	
1995		17.2	10.3	8.2	7.1	6.1	5.4	5.0	4.6	4.3	4.1	4.3	2.7	7.1	7.7	
2000+		17.2	10.2	8.2	7.0	6.1	5.4	5.0	4.6	4.3	4.1	4.3	2.7	7.0	7.6	
Total		1984	19.1	12.1	8.8	6.8	6.0	5.4	5.2	5.1	5.0	5.1	5.4	3.3	8.0	8.2
		1985	20.8	13.5	9.7	7.5	6.7	6.0	5.8	5.7	5.5	5.5	5.7	3.5	8.8	9.0
	1986	20.6	13.2	9.6	7.4	6.5	5.9	5.6	5.6	5.4	5.5	5.7	3.6	8.6	8.9	
	1987	19.9	12.6	9.1	7.1	6.3	5.6	5.4	5.3	5.2	5.3	5.5	3.5	8.2	8.5	
	1988	19.4	12.2	8.8	6.9	6.1	5.5	5.3	5.2	5.1	5.1	5.5	3.4	7.9	8.2	
	1989	18.8	11.6	8.4	6.6	5.8	5.2	5.1	5.0	4.9	4.9	5.3	3.3	7.6	7.9	
	1990	18.1	11.0	8.0	6.3	5.6	5.0	4.9	4.8	4.7	4.8	5.2	3.2	7.2	7.5	
	1991	17.5	10.6	7.7	6.0	5.4	4.8	4.7	4.6	4.6	4.6	5.1	3.1	6.9	7.3	
	1992	17.6	10.7	7.7	6.1	5.4	4.9	4.7	4.6	4.6	4.6	5.1	3.1	6.9	7.3	
	1993	17.7	10.7	7.8	6.1	5.4	4.9	4.7	4.6	4.6	4.6	5.1	3.1	6.9	7.3	
	1995	17.0	10.3	7.4	5.8	5.2	4.7	4.5	4.4	4.4	4.4	4.9	3.0	6.5	7.0	
	2000+	16.9	10.2	7.4	5.8	5.2	4.7	4.5	4.4	4.4	4.4	4.9	3.0	6.4	7.0	

NOTE: SAME AS TABLE 9D

Table 10A: Total and Age-Sex Adjusted Labor Force Participation Rates over Selected Interval, 1947-1983 (in percent)

Year	Total Rate							Age-Sex Adjusted Rate						
	Annual Average over the Following Number of Years:							Annual Average over the Following Number of Years:						
	1	5	10	15	20	25	30	1	5	10	15	20	25	30
1947	58.9							56.2						
1948	59.4							56.8						
1949	59.6							57.0						
1950	59.9							57.4						
1951	60.5	59.6						58.1	57.1					
1952	60.4	59.9						58.1	57.5					
1953	60.2	60.1						58.0	57.7					
1954	60.0	60.2						57.9	57.9					
1955	60.4	60.3						58.4	58.1					
1956	61.0	60.4	60.0					59.1	58.3	57.7				
1957	60.6	60.4	60.2					58.8	58.4	58.0				
1958	60.4	60.5	60.3					58.6	58.6	58.1				
1959	60.2	60.5	60.3					58.5	58.7	58.3				
1960	60.2	60.5	60.4					58.7	58.7	58.4				
1961	60.2	60.3	60.4	60.1				58.7	58.6	58.5	58.0			
1962	59.7	60.1	60.3	60.2				58.5	58.6	58.5	58.2			
1963	59.6	60.0	60.2	60.2				58.5	58.6	58.6	58.3			
1964	59.6	59.9	60.2	60.2				58.7	58.6	58.6	58.4			
1965	59.7	59.8	60.1	60.2				58.9	58.7	58.7	58.5			
1966	60.1	59.8	60.0	60.2	60.0			59.5	58.8	58.7	58.6	58.2		
1967	60.6	59.9	60.0	60.2	60.1			60.0	59.1	58.9	58.7	58.4		
1968	60.7	60.1	60.1	60.2	60.2			60.1	59.4	59.0	58.9	58.6		
1969	61.1	60.5	60.2	60.3	60.3			60.5	59.8	59.2	59.0	58.8		
1970	61.3	60.8	60.3	60.3	60.3			60.8	60.2	59.4	59.2	58.9		
1971	61.0	60.9	60.3	60.3	60.3	60.2		60.6	60.4	59.6	59.3	59.0	58.7	
1972	61.0	61.0	60.5	60.4	60.4	60.3		60.8	60.6	59.8	59.4	59.2	58.8	
1973	61.4	61.2	60.7	60.4	60.4	60.4		61.3	60.8	60.1	59.6	59.3	59.0	
1974	61.8	61.3	60.9	60.5	60.5	60.5		61.7	61.0	60.4	59.8	59.5	59.2	
1975	61.8	61.4	61.1	60.6	60.6	60.5		61.8	61.2	60.7	60.0	59.7	59.4	
1976	62.1	61.6	61.3	60.8	60.7	60.6	60.4	62.2	61.6	61.0	60.3	59.9	59.5	59.1
1977	62.8	62.0	61.5	61.0	60.8	60.7	60.6	62.8	61.9	61.3	60.5	60.1	59.7	59.4
1978	63.6	62.4	61.8	61.2	60.9	60.8	60.7	63.7	62.4	61.6	60.9	60.3	60.0	59.6
1979	64.1	62.9	62.1	61.5	61.1	61.0	60.9	64.2	62.9	62.0	61.3	60.6	60.2	59.8
1980	64.2	63.4	62.4	61.8	61.3	61.2	61.0	64.3	63.4	62.3	61.6	60.9	60.5	60.1
1981	64.3	63.8	62.7	62.1	61.5	61.3	61.1	64.4	63.9	62.7	61.9	61.2	60.7	60.3
1982	64.4	64.1	63.1	62.4	61.8	61.4	61.3	64.4	64.2	63.1	62.2	61.5	60.9	60.5
1983	64.3	64.3	63.3	62.6	62.0	61.6	61.4	64.3	64.3	63.4	62.5	61.7	61.1	60.7

NOTE: THE LABOR FORCE PARTICIPATION RATE IS THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR AS A PERCENTAGE OF THE NONINSTITUTIONALIZED U.S. POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 NONINSTITUTIONALIZED U.S. POPULATION.

Table 10B: Male Labor Force Participation Rates by Age Group, 1947-1983 (in percent)

Year	Age Group												Total (16+)	Age-Sex Adjusted
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
1947	66.7	84.9	94.9	96.7	98.3	97.8	96.5	94.5	93.6	84.1	62.2	36.3	86.8	84.5
1948	67.0	85.7	95.3	96.9	98.2	97.7	96.7	94.9	93.6	84.0	61.2	35.3	87.0	84.6
1949	66.4	87.8	95.1	96.8	98.2	97.7	96.5	94.6	92.3	81.3	61.3	35.4	86.9	84.6
1950	65.9	89.1	95.4	97.0	97.9	97.3	96.7	94.9	91.9	80.5	60.2	34.3	86.8	84.5
1951	67.5	91.1	96.6	97.8	97.9	97.3	96.8	95.0	92.1	80.8	59.3	33.5	87.3	85.1
1952	65.9	92.1	97.2	98.2	98.1	97.6	97.0	95.3	92.3	81.3	57.1	31.5	87.2	85.1
1953	64.9	92.2	97.1	98.1	98.4	98.0	97.3	95.8	92.6	81.8	56.1	30.6	86.9	85.0
1954	62.2	91.5	97.0	98.0	98.3	97.9	97.3	95.7	93.1	82.9	54.9	29.6	86.4	84.6
1955	63.0	90.9	97.3	98.3	98.3	97.9	97.2	95.6	92.6	81.8	54.0	28.9	86.1	84.4
1956	65.0	90.8	96.9	98.0	98.2	97.7	97.3	95.8	92.9	82.6	54.5	29.3	86.3	84.7
1957	64.2	89.8	96.7	97.9	98.2	97.7	97.2	95.5	92.3	81.3	51.8	27.1	85.5	84.0
1958	61.3	89.5	96.7	97.9	98.2	97.7	97.1	95.5	92.5	81.7	49.8	25.5	85.0	83.5
1959	59.7	90.1	97.0	98.1	98.1	97.5	96.9	95.1	92.3	81.1	48.3	24.4	84.5	83.2
1960	59.4	90.1	97.2	98.2	98.0	97.5	96.7	94.8	91.9	80.3	47.0	23.5	84.0	82.9
1961	58.2	89.8	97.1	98.2	97.9	97.4	96.6	94.6	92.2	80.9	45.4	22.3	83.6	82.6
1962	57.7	89.1	96.9	98.0	98.0	97.4	96.6	94.6	91.5	79.4	43.8	21.3	82.8	82.2
1963	56.8	88.3	96.8	97.9	97.9	97.3	96.7	94.8	91.5	79.5	41.5	19.7	82.2	81.7
1964	56.1	88.2	97.0	98.1	97.6	97.1	96.6	94.8	91.1	79.1	42.5	19.5	81.9	81.6
1965	56.7	88.0	96.9	98.0	97.8	97.0	96.1	95.0	90.2	78.0	43.0	19.1	81.5	81.5
1966	58.1	87.9	96.9	98.1	97.7	97.0	96.3	94.3	90.0	78.0	42.7	17.9	81.4	81.5
1967	59.2	87.5	96.9	98.0	97.8	97.0	96.1	94.2	90.1	77.6	43.4	17.5	81.5	81.5
1968	58.3	86.5	96.4	98.0	97.5	97.0	95.9	93.9	90.0	77.3	43.1	17.8	81.1	81.2
1969	58.3	86.6	96.2	97.8	97.4	96.7	95.7	93.5	89.6	75.8	42.3	18.0	80.9	81.0
1970	58.3	86.6	95.8	97.5	97.5	96.5	95.4	93.1	89.5	75.0	41.6	17.7	80.6	80.7
1971	58.0	85.7	95.1	97.4	96.9	96.3	94.9	92.9	88.8	74.1	39.4	17.0	80.0	80.1
1972	59.9	85.9	94.9	97.0	96.8	96.2	94.6	91.9	87.4	72.5	36.9	16.8	79.7	79.9
1973	61.7	86.8	95.0	97.0	96.8	95.9	94.3	91.7	86.3	69.1	34.2	15.7	79.5	79.7
1974	62.5	87.3	95.2	97.0	96.8	95.5	94.0	90.4	85.7	68.0	33.0	15.6	79.4	79.6
1975	61.0	85.9	94.8	96.4	96.3	95.2	94.1	90.2	84.5	65.8	31.8	15.1	78.5	78.7
1976	61.1	86.4	94.6	96.5	96.0	95.0	93.3	89.9	83.6	63.8	29.4	14.3	78.1	78.3
1977	62.6	86.8	94.8	96.4	96.2	95.3	93.2	89.3	83.3	63.0	29.5	13.9	78.2	78.4
1978	63.6	87.1	94.9	96.3	96.4	95.1	93.0	89.8	83.0	62.0	30.1	14.2	78.4	78.6
1979	63.0	87.6	95.0	96.2	96.4	95.3	93.4	89.6	82.2	61.9	29.7	13.8	78.3	78.5
1980	62.0	87.0	94.7	96.2	96.0	95.1	93.3	89.3	81.9	61.0	28.5	13.1	77.9	78.0
1981	60.5	86.6	94.3	95.9	96.0	94.8	93.4	89.5	81.3	58.6	27.8	12.6	77.4	77.5
1982	58.1	86.0	94.3	95.6	96.0	94.7	92.9	89.7	81.9	57.3	27.0	11.8	77.0	77.0
1983	57.4	86.1	92.2	95.1	95.7	94.7	93.3	89.4	80.5	57.3	27.3	12.2	76.6	76.5

NOTE: THE LABOR FORCE PARTICIPATION RATE IS THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR AS A PERCENTAGE OF THE NONINSTITUTIONALIZED U.S. POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 NONINSTITUTIONALIZED U.S. POPULATION.



Table 10C: Female Labor Force Participation Rates by Age Group, 1947-1983 (in percent)

Year	Age Group												Total (16+)	Age-Sex Adjusted
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
1947	41.1	44.9	33.2	30.7	35.3	37.3	33.6	31.8	29.5	19.0	14.7	4.8	31.8	30.1
1948	42.0	45.3	34.5	31.9	35.9	37.9	36.0	34.1	29.5	18.9	16.3	5.4	32.7	31.0
1949	42.4	45.0	34.7	32.1	37.1	39.1	36.9	35.0	30.6	19.7	17.0	5.6	33.2	31.6
1950	41.0	46.1	35.2	32.6	38.1	40.2	38.9	36.9	32.5	21.2	17.2	5.7	33.9	32.4
1951	42.1	46.6	36.7	34.0	38.8	40.9	40.7	38.6	33.2	21.7	15.8	5.2	34.7	33.1
1952	42.2	44.8	36.8	34.1	39.4	41.5	41.1	39.1	34.3	22.6	16.3	5.4	34.8	33.3
1953	40.8	44.5	35.3	32.7	40.3	42.4	41.4	39.4	34.9	23.0	17.6	5.9	34.5	33.1
1954	39.5	45.3	35.7	33.1	40.2	42.3	42.2	40.1	35.9	23.8	16.6	5.5	34.6	33.3
1955	40.0	46.0	36.2	33.6	40.6	42.7	44.9	42.8	38.6	26.0	18.7	6.3	35.7	34.4
1956	42.3	46.4	36.7	34.0	42.1	44.2	46.5	44.4	41.1	28.0	19.1	6.4	36.9	35.6
1957	41.1	46.0	36.9	34.2	42.2	44.4	47.5	45.4	40.7	27.7	18.4	6.2	36.9	35.5
1958	39.1	46.4	36.9	34.3	42.4	44.5	48.9	46.8	41.4	28.3	18.2	6.1	37.1	35.6
1959	38.3	45.2	36.6	34.0	42.3	44.4	50.0	47.9	42.9	29.6	18.0	6.0	37.2	35.7
1960	39.4	46.2	37.3	34.6	42.4	44.5	50.8	48.7	43.5	30.1	18.9	6.4	37.8	36.3
1961	39.7	47.1	37.7	35.0	42.8	44.9	51.2	49.0	44.3	30.7	18.8	6.3	38.1	36.7
1962	39.1	47.4	37.6	34.9	43.1	45.2	51.1	49.0	45.1	31.4	17.6	5.9	38.0	36.7
1963	38.0	47.6	38.5	35.8	43.9	46.0	51.7	49.5	46.1	32.3	17.1	5.6	38.3	37.1
1964	37.1	49.5	38.2	36.4	41.9	48.1	51.8	51.0	46.4	33.1	17.5	6.1	36.7	37.5
1965	38.1	50.0	38.9	38.2	43.6	48.5	51.7	50.1	47.1	34.0	17.3	6.1	39.3	38.1
1966	41.5	51.5	40.2	39.5	44.6	49.0	51.9	51.5	47.8	34.9	17.0	5.8	40.3	39.1
1967	41.6	53.4	42.4	41.5	45.8	50.3	51.8	51.8	48.4	35.4	17.0	5.7	41.1	40.1
1968	42.0	54.6	43.2	41.9	46.4	51.2	52.6	52.1	47.9	36.1	17.0	5.8	41.6	40.6
1969	43.3	56.8	44.0	43.4	48.0	51.8	54.3	53.3	49.7	35.3	17.3	6.1	42.7	41.7
1970	44.0	57.7	45.2	44.7	49.2	52.8	55.0	53.8	49.0	36.1	17.3	5.7	43.4	42.4
1971	43.5	57.8	46.0	45.0	49.9	53.2	55.0	53.5	48.6	36.4	17.0	5.6	43.4	42.5
1972	46.0	59.1	49.2	45.8	50.3	53.7	54.4	53.4	48.3	35.4	17.1	5.4	43.9	43.3
1973	47.9	61.2	51.9	48.3	52.5	54.2	54.2	53.3	47.4	34.3	16.0	5.3	44.8	44.3
1974	49.3	63.2	54.9	49.7	54.1	55.4	55.3	54.1	47.4	33.5	14.4	4.8	45.7	45.3
1975	49.4	64.3	57.2	51.8	55.0	56.9	56.0	53.4	48.0	33.4	14.5	4.9	46.5	46.1
1976	50.2	65.3	59.4	54.7	57.3	58.6	57.1	53.1	48.2	33.2	15.0	4.6	47.4	47.2
1977	51.6	66.8	61.9	57.0	59.5	59.8	58.0	53.8	48.1	32.9	14.6	4.7	48.6	48.4
1978	54.1	68.6	64.4	59.8	61.0	62.5	59.8	54.6	48.6	33.2	14.9	4.9	50.1	50.0
1979	54.7	69.4	65.8	61.9	63.4	64.0	60.4	56.6	48.8	34.0	15.3	4.7	51.1	51.0
1980	53.3	69.3	66.8	64.1	65.0	66.2	62.1	57.9	48.6	33.4	15.1	4.6	51.7	51.7
1981	52.2	69.9	67.6	65.8	66.3	67.4	64.2	58.1	49.7	32.6	14.8	4.7	52.3	52.3
1982	51.7	70.1	69.2	67.0	67.5	68.7	65.3	58.1	49.7	33.4	14.9	4.6	52.8	52.8
1983	51.2	70.1	70.1	68.0	68.2	69.3	64.7	58.7	48.6	34.2	14.6	4.4	53.0	53.1

NOTE: THE LABOR FORCE PARTICIPATION RATE IS THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR AS A PERCENTAGE OF THE NONINSTITUTIONALIZED U.S. POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 NONINSTITUTIONALIZED U.S. POPULATION.

Table 10D: Total Labor Force Participation Rates by Age Group, 1947-1983 (in percent)

Year	Age Group												Total (16+)	Age-Sex Adjusted
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
1947	54.0	64.8	63.4	62.4	66.2	67.1	65.2	62.6	63.5	49.5	40.5	18.4	58.9	56.2
1948	54.6	65.4	64.2	63.2	66.5	67.3	66.4	63.9	63.4	49.3	40.5	18.4	59.4	56.8
1949	54.5	66.4	64.4	63.3	67.0	67.8	66.6	64.1	62.9	48.5	40.8	18.5	59.6	57.0
1950	53.6	67.7	64.8	63.8	67.3	68.1	67.7	65.2	63.4	48.9	40.1	18.1	59.9	57.4
1951	55.0	68.9	66.1	65.0	67.6	68.4	68.5	66.1	63.6	49.2	38.9	17.4	60.5	58.1
1952	54.2	68.6	66.5	65.3	68.0	68.8	68.8	66.4	64.1	49.7	37.7	16.6	60.4	58.1
1953	53.0	68.4	65.7	64.5	68.8	69.6	69.3	67.0	64.6	50.3	37.7	16.6	60.2	58.0
1954	51.0	68.4	65.9	64.7	68.7	69.5	69.6	67.3	65.2	51.0	36.5	15.9	60.0	57.9
1955	51.7	68.4	66.3	65.1	68.8	69.7	70.9	68.6	66.0	51.7	36.8	16.1	60.4	58.4
1956	53.8	68.6	66.4	65.2	69.5	70.3	71.7	69.4	67.2	53.1	37.2	16.3	61.0	59.1
1957	52.8	67.9	66.5	65.3	69.6	70.4	72.1	69.8	66.6	52.4	35.3	15.2	60.6	58.8
1958	50.3	68.0	66.5	65.4	69.6	70.4	72.7	70.4	67.0	52.8	34.0	14.4	60.4	58.6
1959	49.1	67.7	66.5	65.4	69.5	70.3	73.1	70.8	67.5	53.2	33.0	13.9	60.2	58.5
1960	49.5	68.3	67.0	65.8	69.5	70.3	73.3	71.0	67.5	53.1	32.7	13.7	60.2	58.7
1961	49.1	68.5	67.2	66.0	69.7	70.4	73.4	71.1	67.9	53.7	31.6	13.1	60.2	58.7
1962	48.5	68.2	67.0	65.8	69.9	70.6	73.4	71.1	68.0	53.6	30.3	12.4	59.7	58.5
1963	47.5	67.9	67.4	66.2	70.2	71.0	73.8	71.5	68.5	54.2	28.8	11.6	59.6	58.5
1964	46.7	68.8	67.2	66.7	69.2	71.9	73.6	72.3	68.0	54.9	28.9	11.9	59.6	58.7
1965	47.5	69.0	67.5	67.6	70.2	72.1	73.3	71.9	67.8	54.9	29.0	11.7	59.7	58.9
1966	49.9	69.7	68.2	68.4	70.6	72.3	73.4	72.2	68.0	55.3	28.6	11.0	60.1	59.5
1967	50.5	70.5	69.4	69.3	71.3	73.0	73.2	72.3	68.4	55.2	29.0	10.7	60.6	60.0
1968	50.2	70.6	69.6	69.5	71.4	73.5	73.5	72.2	68.0	55.4	28.8	10.3	60.7	60.1
1969	50.9	71.7	69.9	70.2	72.2	73.6	74.2	72.6	68.7	54.2	28.6	11.0	61.1	60.5
1970	51.3	72.2	70.3	70.7	72.9	74.1	74.4	72.6	68.2	54.2	28.3	10.6	61.3	60.8
1971	50.8	71.8	70.4	70.8	73.0	74.2	74.2	72.3	67.6	53.9	27.1	10.3	61.0	60.6
1972	53.0	72.5	71.8	71.0	73.0	74.4	73.7	71.8	66.8	52.6	25.9	10.0	61.0	60.8
1973	54.9	74.0	73.3	72.2	74.2	74.5	73.5	71.6	65.8	50.3	24.1	9.4	61.4	61.3
1974	56.0	75.2	74.8	72.9	74.9	75.0	74.0	71.5	65.6	49.5	22.6	9.1	61.8	61.7
1975	55.3	75.1	75.8	73.7	75.1	75.6	74.4	71.0	65.3	48.4	22.2	8.9	61.8	61.8
1976	55.7	75.8	76.8	75.3	76.2	76.3	74.6	70.7	64.9	47.4	21.3	8.4	62.1	62.2
1977	57.2	76.8	78.2	76.4	77.4	77.1	75.0	70.7	64.7	46.9	21.2	8.3	62.8	62.8
1978	58.9	77.9	79.5	77.8	78.3	78.4	75.8	71.3	64.8	46.5	21.6	8.5	63.6	63.7
1979	58.9	78.5	80.3	78.8	79.5	79.2	76.4	72.3	64.6	46.9	21.7	8.3	64.1	64.2
1980	57.8	78.2	80.6	79.9	80.1	80.2	77.2	72.9	64.3	46.2	21.1	7.9	64.2	64.3
1981	56.4	78.2	80.8	80.7	80.8	80.7	78.3	73.3	64.8	44.8	20.6	7.8	64.3	64.4
1982	55.0	78.1	81.7	81.1	81.5	81.4	78.7	73.3	64.8	44.4	20.3	7.4	64.4	64.4
1983	54.3	78.1	81.1	81.4	81.7	81.7	78.6	73.4	63.6	44.8	20.3	7.5	64.3	64.3

NOTE: THE LABOR FORCE PARTICIPATION RATE IS THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR AS A PERCENTAGE OF THE NONINSTITUTIONALIZED U.S. POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 NONINSTITUTIONALIZED U.S. POPULATION.

Table 10E: Alternative I Labor Force Participation Rates by Age Group and Sex, 1984-2060 (in percent)

Sex	Year	Age Group											Total (16+)	Age-Sex Adjusted	
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69			70+
<b>Male</b>															
	1984	59.1	86.7	93.4	96.2	94.7	93.8	92.3	88.5	81.3	58.0	25.9	12.1	77.0	76.8
	1985	61.3	87.2	93.7	96.4	94.8	93.9	92.5	88.8	82.6	59.2	25.3	12.1	77.6	77.3
	1990	69.6	89.6	95.2	97.3	95.3	94.6	93.2	89.6	83.8	61.6	28.9	14.2	79.7	79.4
	1995	69.9	90.2	95.5	97.7	95.6	94.9	93.5	89.8	82.2	62.4	30.8	14.6	80.1	79.8
	2000	65.8	88.7	94.9	96.6	95.9	95.0	93.6	89.8	81.1	62.5	31.7	14.6	79.4	79.0
	2010	63.5	88.7	94.8	96.2	96.2	95.0	93.3	89.1	79.4	61.7	31.6	13.8	77.7	78.5
	2020	63.5	88.7	95.1	96.4	96.3	95.1	93.4	89.0	78.8	60.7	30.7	15.0	74.9	78.5
	2030	63.5	88.7	95.0	96.5	96.3	95.0	93.5	89.3	79.2	60.5	30.3	14.4	73.2	78.5
	2040	63.5	88.8	95.1	96.5	96.3	95.1	93.5	89.2	79.2	60.8	30.7	12.9	73.8	78.4
	2050	63.5	88.7	95.1	96.5	96.3	95.1	93.6	89.3	79.2	60.7	30.5	12.4	74.3	78.3
	2060	63.5	88.7	95.1	96.5	96.3	95.0	93.5	89.3	79.3	60.6	30.4	13.3	74.5	78.4
<b>Female</b>															
	1984	51.4	71.1	72.0	69.7	69.4	70.5	65.0	59.1	49.2	34.6	14.3	5.0	53.9	53.9
	1985	54.0	71.3	72.9	70.7	72.6	73.6	66.6	60.7	49.6	34.9	14.3	5.3	55.1	55.2
	1990	63.1	74.0	74.7	73.6	76.5	77.7	74.1	68.3	51.7	36.4	15.1	6.0	58.5	58.7
	1995	64.0	75.7	77.1	75.8	78.0	79.4	76.1	71.0	54.3	37.9	16.6	6.1	60.0	60.4
	2000	61.5	78.2	78.2	78.3	79.5	81.6	78.5	74.2	57.8	40.2	18.6	6.5	61.7	62.0
	2010	59.7	77.2	77.5	77.8	78.8	82.3	79.5	76.3	60.0	41.7	19.8	6.2	60.8	62.1
	2020	59.8	77.1	77.1	78.3	79.0	82.3	78.8	75.5	59.4	41.3	19.8	7.1	58.1	62.0
	2030	59.8	77.3	77.3	78.1	78.8	82.5	79.2	75.7	59.1	40.6	19.6	7.0	56.6	62.0
	2040	59.8	77.1	77.3	78.3	78.9	82.4	79.1	75.9	59.5	40.7	19.6	6.1	56.7	61.9
	2050	59.8	77.2	77.2	78.2	78.9	82.5	79.1	75.7	59.3	40.9	19.7	5.7	57.3	61.9
	2060	59.8	77.2	77.2	78.2	78.8	82.4	79.1	75.8	59.3	40.7	19.6	6.2	57.7	61.9
<b>Total</b>															
	1984	55.3	78.9	82.6	82.8	81.9	81.9	78.3	73.2	64.3	45.4	19.5	7.8	65.0	64.9
	1985	57.7	79.4	83.3	83.4	83.5	83.5	79.2	74.2	65.2	46.1	19.2	8.0	65.9	65.8
	1990	66.4	81.8	85.0	85.4	85.7	85.9	83.4	78.6	67.1	48.1	21.4	9.2	68.6	68.7
	1995	66.9	83.0	86.3	86.6	86.7	87.0	84.6	80.1	67.8	49.4	23.2	9.4	69.6	69.7
	2000	63.7	83.4	86.5	87.3	87.6	88.2	85.9	81.8	69.2	50.7	24.7	9.6	70.1	70.2
	2010	61.6	83.0	86.1	86.9	87.4	88.5	86.3	82.6	69.5	51.2	25.4	9.1	68.9	69.9
	2020	61.6	82.9	86.1	87.3	87.5	88.6	86.0	82.1	69.0	50.6	25.0	10.3	66.2	69.9
	2030	61.6	83.0	86.1	87.2	87.4	88.6	86.2	82.3	68.9	50.1	24.8	10.0	64.5	69.9
	2040	61.6	83.0	86.1	87.3	87.5	88.6	86.1	82.4	69.2	50.3	24.9	8.8	64.9	69.8
	2050	61.7	83.0	86.1	87.3	87.5	88.7	86.2	82.3	69.1	50.3	24.9	8.3	65.4	69.8
	2060	61.7	83.0	86.1	87.2	87.4	88.6	86.2	82.4	69.1	50.2	24.8	9.0	65.8	69.8

NOTE: THE LABOR FORCE PARTICIPATION RATE IS THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR AS A PERCENTAGE OF THE NONINSTITUTIONALIZED U.S. POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 NONINSTITUTIONALIZED U.S. POPULATION.

Table 10F: Alternative II-A Labor Force Participation Rates by Age Group and Sex, 1984-2060 (in percent)

Sex	Year	Age Group												Total (16+)	Age-Sex Adjusted
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
<b>Male</b>															
	1984	59.1	86.7	93.4	96.2	94.6	93.7	92.2	88.4	81.3	57.9	26.0	12.0	76.9	76.7
	1985	61.1	87.2	93.6	96.3	94.6	93.7	92.4	88.6	82.5	58.9	25.4	11.9	77.4	77.2
	1990	69.0	89.4	94.7	97.0	94.6	93.9	92.4	88.7	83.4	60.4	28.7	13.7	79.0	78.9
	1995	69.4	89.9	94.9	97.3	94.8	94.0	92.5	88.6	81.6	60.2	30.0	13.9	79.1	79.1
	2000	65.4	88.1	93.9	95.9	95.2	94.3	92.7	88.6	80.0	59.9	30.1	13.5	78.0	78.1
	2010	63.1	87.6	93.3	95.3	95.5	94.4	92.5	88.1	78.1	59.1	29.8	12.4	75.8	77.4
	2020	63.0	87.6	93.4	95.4	95.5	94.5	92.7	88.0	77.5	58.2	29.0	13.5	72.5	77.3
	2030	63.0	87.6	93.4	95.4	95.5	94.4	92.7	88.2	77.8	57.8	28.5	12.8	69.9	77.3
	2040	63.0	87.6	93.4	95.4	95.6	94.4	92.6	88.0	77.8	57.9	28.7	11.3	69.6	77.2
	2050	63.0	87.6	93.4	95.4	95.5	94.4	92.7	88.1	77.7	57.7	28.5	10.6	69.5	77.1
	2060	63.0	87.6	93.4	95.4	95.5	94.4	92.6	88.1	77.8	57.6	28.4	11.2	69.4	77.1
<b>Female</b>															
	1984	51.3	71.1	71.9	69.6	69.4	70.4	65.0	59.1	49.2	34.5	14.5	4.9	53.8	53.9
	1985	53.8	71.1	72.7	70.4	72.5	73.4	66.5	60.5	49.5	34.8	14.5	5.1	55.0	55.0
	1990	62.4	73.5	74.3	73.0	76.2	77.1	73.7	67.8	51.5	35.9	15.2	5.8	57.9	58.3
	1995	63.3	75.3	76.7	75.0	77.4	78.2	75.0	69.8	53.5	36.8	16.3	5.7	59.0	59.7
	2000	60.5	77.8	78.0	77.5	78.8	79.9	76.6	72.0	55.9	38.2	17.4	5.7	60.0	60.9
	2010	58.6	77.5	78.4	77.7	78.8	80.8	77.5	73.8	57.6	39.2	18.1	5.2	58.9	61.2
	2020	58.6	77.6	78.1	78.0	79.1	80.9	77.0	73.1	56.9	38.8	18.1	6.0	55.8	61.2
	2030	58.6	77.7	78.2	77.7	78.9	81.0	77.4	73.2	56.5	37.9	17.9	5.9	53.5	61.1
	2040	58.6	77.5	78.2	77.9	78.9	80.9	77.2	73.3	56.9	38.0	17.8	5.0	52.7	61.0
	2050	58.6	77.6	78.1	77.8	79.0	81.0	77.2	73.1	56.6	38.1	17.9	4.6	52.5	61.0
	2060	58.6	77.6	78.2	77.8	78.9	80.9	77.2	73.2	56.6	37.8	17.7	4.9	52.5	61.0
<b>Total</b>															
	1984	55.3	78.9	82.6	82.8	81.8	81.8	78.2	73.1	64.3	45.3	19.6	7.8	64.9	64.9
	1985	57.4	79.2	83.1	83.2	83.4	83.4	79.1	74.0	65.2	45.9	19.4	7.8	65.7	65.6
	1990	65.8	81.5	84.5	84.9	85.2	85.3	82.9	77.9	66.9	47.3	21.3	8.8	68.0	68.2
	1995	66.4	82.7	85.8	86.1	86.0	85.9	83.5	78.9	67.1	47.8	22.7	8.8	68.6	69.0
	2000	63.0	82.9	85.9	86.6	86.9	86.9	84.4	80.1	67.7	48.5	23.4	8.6	68.6	69.2
	2010	60.8	82.6	85.8	86.4	87.0	87.5	84.9	80.8	67.6	48.7	23.7	8.0	67.0	69.0
	2020	60.8	82.6	85.8	86.6	87.2	87.6	84.7	80.4	67.1	48.1	23.4	9.0	63.8	68.9
	2030	60.8	82.7	85.8	86.5	87.1	87.6	84.9	80.5	67.0	47.5	23.1	8.7	61.4	68.9
	2040	60.8	82.6	85.8	86.6	87.1	87.5	84.8	80.5	67.2	47.6	23.1	7.5	60.8	68.8
	2050	60.8	82.6	85.8	86.5	87.1	87.6	84.8	80.4	67.0	47.6	23.1	7.0	60.6	68.7
	2060	60.8	82.6	85.8	86.5	87.1	87.5	84.8	80.5	67.1	47.4	22.9	7.5	60.6	68.7

NOTE: THE LABOR FORCE PARTICIPATION RATE IS THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR AS A PERCENTAGE OF THE NONINSTITUTIONALIZED U.S. POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 NONINSTITUTIONALIZED U.S. POPULATION.

Table 106: Alternative II-B Labor Force Participation Rates by Age Group and Sex, 1984-2060 (in percent)

Sex	Year	Age Group												Total (16+)	Age-Sex Adjusted
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
<b>Male</b>															
	1984	59.0	86.6	93.4	96.2	94.6	93.7	92.2	88.4	81.4	57.8	26.0	12.0	76.9	76.7
	1985	61.0	87.1	93.6	96.3	94.6	93.7	92.4	88.5	82.6	58.8	25.5	11.9	77.4	77.1
	1990	68.7	89.3	94.7	96.9	94.6	93.8	92.4	88.5	84.0	59.7	28.9	13.6	79.0	78.9
	1995	69.1	89.8	94.9	97.1	94.7	93.8	92.3	88.3	81.9	59.1	29.8	13.6	78.9	78.9
	2000	65.2	87.9	93.8	95.7	94.9	93.8	92.1	87.9	79.5	58.2	28.8	12.6	77.5	77.6
	2010	62.8	87.5	93.1	95.0	95.1	93.8	91.9	87.3	77.2	57.2	28.0	11.5	75.2	76.8
	2020	62.8	87.5	93.2	95.1	95.1	94.0	92.0	87.2	76.6	55.7	26.7	12.2	71.6	76.7
	2030	62.8	87.4	93.2	95.1	95.1	93.9	92.0	87.4	76.8	55.4	26.3	11.6	69.1	76.6
	2040	62.8	87.5	93.2	95.1	95.2	93.9	91.9	87.2	76.8	55.9	26.8	10.3	68.9	76.6
	2050	62.8	87.5	93.2	95.1	95.1	93.9	92.0	87.3	76.8	55.7	26.6	9.7	68.8	76.5
	2060	62.8	87.5	93.2	95.1	95.1	93.9	92.0	87.3	76.9	55.6	26.5	10.3	68.6	76.5
<b>Female</b>															
	1984	51.3	71.0	71.9	69.6	69.4	70.4	65.0	59.1	49.2	34.5	14.5	4.9	53.8	53.9
	1985	53.6	71.0	72.7	70.4	72.5	73.4	66.5	60.5	49.6	34.7	14.6	5.1	54.9	55.0
	1990	61.9	73.1	74.1	72.8	76.2	77.0	73.8	67.7	51.7	35.8	15.6	5.6	57.8	58.2
	1995	62.6	74.6	76.1	74.4	76.9	77.6	74.5	69.1	53.1	36.2	16.4	5.4	58.5	59.2
	2000	59.2	76.2	76.5	75.8	77.2	78.1	74.8	70.2	54.4	36.8	16.5	5.1	58.6	59.5
	2010	57.3	75.8	76.5	75.7	76.8	78.6	75.3	71.5	55.6	37.5	16.8	4.6	57.1	59.5
	2020	57.3	75.8	76.2	76.0	77.1	78.7	74.8	70.8	55.0	37.2	16.8	5.3	54.1	59.4
	2030	57.3	75.9	76.3	75.7	76.9	78.8	75.1	70.9	54.6	36.3	16.6	5.2	51.8	59.4
	2040	57.3	75.7	76.3	75.9	76.9	78.6	74.9	71.0	55.0	36.3	16.4	4.4	51.1	59.3
	2050	57.3	75.8	76.3	75.8	76.9	78.8	74.9	70.8	54.7	36.4	16.5	4.0	50.9	59.2
	2060	57.3	75.8	76.3	75.8	76.8	78.7	75.0	70.9	54.7	36.1	16.3	4.3	50.9	59.2
<b>Total</b>															
	1984	55.2	78.9	82.6	82.8	81.8	81.8	78.2	73.1	64.4	45.2	19.7	7.7	64.9	64.8
	1985	57.3	79.1	83.1	83.2	83.4	83.4	79.1	74.0	65.2	45.8	19.5	7.8	65.7	65.6
	1990	65.3	81.3	84.5	84.7	85.2	85.3	82.9	77.8	67.2	46.9	21.7	8.7	67.9	68.1
	1995	65.9	82.2	85.5	85.7	85.7	85.5	83.2	78.4	67.1	47.0	22.6	8.5	68.2	68.6
	2000	62.2	82.1	85.1	85.7	85.9	85.8	83.3	78.8	66.7	46.9	22.3	8.0	67.6	68.2
	2010	60.1	81.7	84.8	85.2	85.8	86.1	83.5	79.2	66.2	46.9	22.2	7.2	65.8	67.8
	2020	60.1	81.7	84.7	85.4	86.0	86.2	83.3	78.8	65.7	46.1	21.6	8.1	62.5	67.7
	2030	60.1	81.7	84.7	85.3	85.8	86.2	83.4	78.9	65.6	45.5	21.3	7.8	60.1	67.6
	2040	60.1	81.6	84.8	85.4	85.9	86.1	83.3	78.9	65.8	45.8	21.5	6.8	59.6	67.6
	2050	60.1	81.7	84.7	85.4	85.9	86.2	83.3	78.9	65.6	45.7	21.4	6.3	59.4	67.5
	2060	60.1	81.7	84.7	85.3	85.9	86.2	83.3	78.9	65.7	45.5	21.3	6.7	59.4	67.5

NOTE: THE LABOR FORCE PARTICIPATION RATE IS THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR AS A PERCENTAGE OF THE NONINSTITUTIONALIZED U.S. POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 NONINSTITUTIONALIZED U.S. POPULATION.

Table 10H: Alternative III Labor Force Participation Rates by Age Group and Sex, 1984-2060 (in percent)

Sex	Year	Age Group												Total (16+)	Age-Sex Adjusted
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
<b>Male</b>															
	1984	58.9	86.6	93.3	96.1	94.5	93.6	92.1	88.3	81.3	57.7	26.2	11.9	76.9	76.7
	1985	60.1	86.8	93.3	96.1	94.4	93.5	92.2	88.3	82.6	58.4	26.2	11.4	77.1	76.9
	1990	67.8	89.0	94.2	96.6	93.9	93.2	91.6	87.6	83.6	58.5	29.0	13.0	78.3	78.3
	1995	68.4	89.3	94.0	96.7	93.9	93.0	91.2	87.0	81.1	57.3	29.4	12.8	77.8	78.1
	2000	64.5	87.0	92.4	95.0	94.1	93.0	91.2	86.7	78.2	56.0	27.5	11.4	76.0	76.5
	2010	62.1	86.0	91.0	93.9	94.4	93.2	91.1	86.2	75.8	54.9	26.2	10.0	73.1	75.5
	2020	62.0	85.9	90.9	93.8	94.3	93.4	91.3	86.1	75.2	54.0	25.5	10.8	68.7	75.4
	2030	62.0	85.8	90.8	93.8	94.2	93.2	91.2	86.2	75.4	53.5	24.8	10.1	64.7	75.2
	2040	62.0	85.9	90.9	93.8	94.3	93.3	91.1	86.0	75.3	54.5	25.8	8.9	62.7	75.2
	2050	62.0	85.8	90.9	93.8	94.2	93.3	91.2	86.1	75.2	53.1	24.5	7.7	60.6	75.0
	2060	62.0	85.8	90.9	93.8	94.3	93.2	91.1	86.1	75.3	53.0	24.4	8.0	59.3	75.0
<b>Female</b>															
	1984	51.2	71.0	71.9	69.6	69.4	70.4	65.0	59.0	49.2	34.4	14.9	4.7	53.8	53.8
	1985	52.4	70.1	72.2	69.8	72.4	73.3	66.5	60.3	49.6	34.5	15.9	4.4	54.5	54.6
	1990	60.8	72.2	73.6	72.0	76.0	76.4	73.4	67.2	51.6	35.3	16.3	5.1	57.2	57.6
	1995	61.5	74.0	75.8	73.5	76.5	76.4	73.5	67.9	52.4	35.1	16.6	4.9	57.5	58.5
	2000	57.9	76.0	76.7	75.1	76.7	76.4	72.9	68.0	52.5	34.8	15.4	4.2	57.0	58.5
	2010	55.9	76.7	78.3	75.8	77.1	77.1	73.3	69.1	53.2	35.1	14.9	3.5	55.3	58.8
	2020	56.0	76.9	78.0	75.9	77.6	77.3	73.1	68.4	52.6	34.7	14.9	4.0	51.4	58.8
	2030	56.0	77.1	78.2	75.6	77.4	77.4	73.5	68.5	52.1	33.7	14.6	3.9	47.9	58.7
	2040	56.0	76.9	78.2	75.8	77.4	77.2	73.2	68.5	52.4	33.6	14.3	3.2	45.6	58.6
	2050	56.0	77.0	78.1	75.7	77.5	77.3	73.2	68.3	52.0	33.5	14.3	2.8	43.8	58.5
	2060	56.0	77.0	78.2	75.7	77.4	77.3	73.2	68.4	51.9	33.2	14.0	2.9	42.7	58.5
<b>Total</b>															
	1984	55.1	78.9	82.6	82.7	81.8	81.8	78.2	73.1	64.3	45.1	19.9	7.6	64.8	64.8
	1985	56.3	78.5	82.8	82.8	83.2	83.2	79.0	73.8	65.3	45.5	20.5	7.2	65.3	65.3
	1990	64.3	80.7	83.9	84.2	84.8	84.6	82.3	77.0	67.0	46.1	22.1	8.2	67.3	67.5
	1995	65.0	81.7	84.9	85.0	85.1	84.5	82.1	77.2	66.3	45.6	22.6	7.9	67.2	67.9
	2000	61.2	81.5	84.6	85.0	85.3	84.6	81.9	77.1	65.1	44.9	21.1	7.0	66.1	67.1
	2010	59.0	81.4	84.6	84.8	85.6	85.1	82.1	77.5	64.3	44.6	20.4	6.0	63.8	66.8
	2020	59.0	81.4	84.5	84.7	85.8	85.2	82.0	77.1	63.8	44.1	20.1	6.8	59.7	66.7
	2030	59.0	81.5	84.5	84.6	85.7	85.2	82.2	77.2	63.7	43.3	19.6	6.5	55.9	66.6
	2040	59.0	81.4	84.5	84.7	85.7	85.1	82.0	77.1	63.8	43.8	20.0	5.5	53.7	66.6
	2050	59.0	81.4	84.5	84.7	85.8	85.2	82.0	77.0	63.5	43.1	19.4	4.8	51.7	66.4
	2060	59.0	81.4	84.5	84.6	85.7	85.1	82.1	77.1	63.6	42.8	19.2	5.0	50.6	66.4

NOTE: THE LABOR FORCE PARTICIPATION RATE IS THE AVERAGE TOTAL LABOR FORCE DURING THE YEAR AS A PERCENTAGE OF THE NONINSTITUTIONALIZED U.S. POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 NONINSTITUTIONALIZED U.S. POPULATION.

TABLE 11

## Real Interest Rates on Newly Issued OASDI Trust Fund Special Issues

Year	Average Annual Yield on Monthly Special Issues	Increase in Average Annual CPI Over Previous Year	Real Interest Rate	Assumed Real Interest Rate by Alternative				
				Year	I	II-A	II-B	III
1961	3.8%	1.1%	2.7%	1984	6.7%	6.3%	6.1%	5.6%
1962	3.9	1.1	2.7	1985	5.5	5.1	4.7	4.5
1963	3.9	1.3	2.6	1986	5.3	5.1	4.8	4.7
1964	4.1	1.3	2.8	1987	4.8	4.9	4.8	4.8
1965	4.2	1.6	2.6	1988	4.4	4.4	4.5	4.4
1966	4.9	2.9	2.0	1989	3.9	3.8	4.0	3.7
1967	5.0	2.8	2.1	1990	3.4	3.3	3.3	3.0
1968	5.5	4.2	1.2	1991	2.9	3.1	2.6	2.5
1969	6.6	5.4	1.1	1992	2.7	2.8	2.3	2.1
1970	7.3	5.9	1.3	1993	2.8	2.5	2.2	1.9
1971	6.0	4.2	1.7	1994	2.9	2.5	2.1	1.6
1972	5.9	3.3	2.5	1995+	3.0	2.5	2.0	1.5
1973	6.6	6.2	.4					
1974	7.5	11.0	-3.2					
1975	7.4	9.1	-1.6					
1976	7.1	5.7	1.4					
1977	7.1	6.5	.6					
1978	8.2	7.6	.6					
1979	9.1	11.4	-2.0					
1980	11.0	13.5	-2.2					
1981	13.3	10.3	2.8					
1982	12.8	6.0	6.4					
1983	11.0	3.0	7.8					

Table 12A: Male Covered Worker Rates by Age Group, 1947-1983 (in percent)

Year	Age Group												Total (16+)	Age-Sex Adjusted
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
1947	57.4	68.5	72.4	71.7	68.9	63.2	61.2	55.8	52.2	50.0	35.5	15.6	59.8	58.8
1948	59.4	69.0	71.2	71.6	68.7	63.8	60.7	55.9	50.6	51.2	34.8	15.1	59.8	58.8
1949	49.9	63.5	68.6	67.9	67.6	62.3	60.7	52.9	49.0	48.2	33.8	14.1	56.7	55.7
1950	54.5	66.9	69.5	68.5	69.3	63.9	60.8	55.6	49.3	47.7	32.9	13.8	58.1	57.1
1951	65.3	64.4	75.3	78.5	81.8	77.0	76.8	67.8	62.5	63.5	49.0	20.0	68.0	66.5
1952	67.7	59.7	75.6	80.4	81.5	78.4	78.5	70.6	61.8	66.6	49.8	21.6	68.6	67.0
1953	68.6	60.5	75.4	81.1	79.9	77.0	79.4	69.7	64.2	66.9	47.8	20.5	68.4	67.0
1954	58.3	59.3	72.4	81.6	77.5	77.4	78.8	70.2	62.7	65.1	45.4	21.0	66.6	65.1
1955	62.5	69.3	76.2	86.4	82.8	83.6	85.8	76.5	72.2	74.5	55.1	25.4	72.9	71.5
1956	65.1	74.0	76.2	87.1	84.5	85.6	87.3	79.9	73.0	78.4	57.5	26.5	74.9	73.5
1957	70.9	91.4	82.1	92.1	89.0	85.9	87.8	81.1	74.9	76.2	53.5	25.0	78.4	77.9
1958	63.1	89.7	80.6	91.9	87.5	85.8	86.8	80.4	75.1	75.9	51.3	23.5	76.8	76.2
1959	65.7	90.4	82.1	92.5	89.1	85.4	88.2	81.9	76.6	74.5	48.8	23.0	77.5	77.0
1960	64.3	90.9	87.9	86.9	86.6	86.9	86.2	83.1	80.0	73.0	46.2	21.1	76.8	76.7
1961	63.0	90.1	88.4	86.3	85.1	86.9	86.0	82.1	80.8	71.7	45.2	20.1	76.1	76.1
1962	60.3	91.9	89.3	86.2	85.1	86.7	85.6	82.4	80.5	72.2	43.4	19.9	75.8	76.1
1963	60.5	91.1	90.5	85.6	85.2	85.5	86.2	82.7	80.2	72.2	43.2	19.0	75.7	76.0
1964	63.9	91.6	91.1	86.2	84.6	85.8	85.0	83.8	80.2	73.0	43.2	18.5	76.1	76.4
1965	71.7	91.9	91.9	87.4	86.2	85.7	85.8	84.9	80.9	74.8	45.0	18.6	77.6	78.0
1966	76.5	96.3	92.3	89.0	86.3	85.3	86.5	86.3	80.7	75.8	46.1	19.2	79.1	79.5
1967	76.7	94.3	94.3	89.9	86.3	85.7	86.7	85.5	81.5	76.3	48.0	18.9	79.4	79.8
1968	78.8	95.1	93.5	90.7	85.8	85.5	85.1	86.0	80.9	75.8	49.6	19.4	79.7	80.0
1969	81.9	95.8	93.0	91.2	86.6	84.8	85.3	84.2	82.0	75.3	48.9	18.8	80.0	80.3
1970	78.6	95.4	91.9	90.8	86.9	84.9	84.1	83.5	81.8	74.0	48.2	18.5	79.3	79.5
1971	76.0	91.1	93.5	89.7	87.0	83.8	82.7	82.4	81.5	71.2	45.8	17.6	77.9	78.2
1972	79.0	92.7	91.4	91.4	87.6	83.4	83.4	82.1	80.5	70.2	44.3	17.4	78.3	78.5
1973	84.2	93.4	92.4	90.8	88.9	83.3	83.7	81.1	81.7	68.7	42.8	17.4	79.0	79.1
1974	81.8	92.8	92.0	89.2	88.7	83.2	82.4	81.2	79.2	68.0	40.0	16.7	78.0	78.1
1975	74.4	89.1	89.6	86.3	87.0	82.9	81.1	79.6	76.7	66.5	37.4	15.9	75.4	75.5
1976	74.5	90.0	86.8	89.2	86.9	83.3	80.2	78.1	75.7	65.3	35.8	15.5	75.1	75.2
1977	76.9	89.9	88.5	87.5	88.4	83.8	79.5	78.6	74.8	63.8	34.9	15.3	75.3	75.4
1978	81.9	90.4	89.4	88.6	88.2	85.4	80.2	79.8	74.5	65.1	35.5	15.8	76.5	76.5
1979	82.8	93.4	91.9	90.1	88.0	85.5	79.7	77.6	72.8	62.1	34.2	14.8	76.9	76.9
1980	77.9	89.3	87.8	87.0	86.7	83.9	81.2	79.0	74.5	64.1	33.3	14.4	75.1	75.1
1981	74.3	87.5	86.5	86.1	87.1	83.8	80.4	78.4	73.8	62.1	32.5	14.0	74.0	74.0
1982	67.4	85.2	83.3	83.7	85.0	81.0	77.9	76.8	71.7	60.4	31.3	13.3	71.4	71.4
1983	67.2	86.0	83.0	84.9	86.2	82.3	77.3	75.6	70.4	60.3	30.8	13.3	71.5	71.5

NOTE: THE COVERED WORKER RATE IS THE AVERAGE TOTAL NUMBER OF COVERED WORKER DURING THE YEAR AS A PERCENTAGE OF THE SOCIAL SECURITY AREA POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 SOCIAL SECURITY AREA POPULATION.



Table 12B: Female Covered Worker Rates by Age Group, 1947-1983 (in percent)

Year	Age Group												Total (16+)	Age-Sex Adjusted
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
1947	50.7	50.7	36.2	30.2	31.9	29.0	27.3	20.1	17.9	10.7	7.5	1.6	29.3	27.6
1948	48.8	49.2	35.0	30.4	31.2	29.6	27.0	20.9	17.7	11.1	7.6	1.7	28.7	27.2
1949	42.7	45.9	33.6	28.6	29.9	28.7	27.0	20.1	17.0	10.6	7.2	1.6	26.9	25.6
1950	43.4	46.3	34.3	30.0	30.6	29.8	27.4	21.6	17.5	11.1	7.2	1.6	27.4	26.2
1951	52.7	52.9	39.6	36.3	37.4	36.8	36.5	27.9	24.6	19.0	15.5	3.4	33.9	32.7
1952	54.4	53.7	39.8	37.6	38.6	38.3	37.9	30.0	25.2	20.6	16.3	3.8	34.9	33.7
1953	54.6	54.4	39.5	38.1	39.6	38.7	40.6	31.6	27.7	21.9	16.2	3.9	35.5	34.5
1954	48.4	53.1	36.7	37.4	37.9	38.2	40.5	32.4	27.5	21.7	16.5	4.2	34.2	33.3
1955	51.7	54.7	37.6	39.3	39.8	40.8	44.1	35.6	31.3	24.8	18.8	4.9	36.4	35.4
1956	52.5	55.2	37.3	39.8	41.4	42.5	45.9	38.5	32.4	27.4	20.6	5.3	37.5	36.5
1957	51.3	55.3	37.0	40.1	41.6	42.9	46.6	39.4	34.3	27.0	20.7	5.6	37.7	36.7
1958	45.2	54.1	35.6	39.3	40.5	42.9	45.8	40.0	34.5	27.3	19.9	5.5	36.7	35.7
1959	47.3	55.3	37.1	39.8	42.0	44.0	46.9	41.5	36.2	27.5	19.2	5.6	37.7	36.7
1960	45.9	55.8	40.0	37.4	41.5	45.5	46.0	43.6	37.7	28.8	17.1	5.9	37.9	36.9
1961	44.5	55.5	40.2	36.7	41.0	45.3	46.5	43.7	38.9	29.0	17.2	5.8	37.8	36.8
1962	42.0	57.7	41.0	37.3	41.7	45.8	47.2	44.9	39.8	30.1	17.2	5.8	38.3	37.3
1963	40.9	58.1	41.8	37.4	42.0	45.5	48.1	45.5	40.6	30.8	17.5	5.7	38.5	37.6
1964	42.4	58.4	42.5	39.0	41.8	46.6	48.1	46.2	41.3	32.9	17.9	5.7	39.2	38.3
1965	48.0	60.4	44.5	40.1	43.0	47.6	49.1	47.3	42.2	34.0	18.3	5.8	40.8	39.8
1966	52.4	66.6	47.3	43.0	45.0	49.0	51.5	49.0	43.4	35.4	18.8	5.9	43.2	42.3
1967	52.8	67.1	50.1	44.5	46.5	49.9	52.4	49.9	44.5	36.0	20.2	5.9	44.2	43.3
1968	55.6	69.0	50.7	46.2	47.3	50.5	52.2	51.2	44.6	36.7	20.8	6.0	45.2	44.3
1969	59.0	71.4	52.4	47.0	49.4	51.5	53.1	51.6	45.7	37.3	21.2	5.9	46.5	45.6
1970	57.9	71.2	52.4	47.7	49.4	51.8	53.0	51.7	46.6	37.5	21.8	5.7	46.6	45.7
1971	57.0	68.6	54.5	47.2	49.3	51.1	51.7	51.6	46.1	36.5	21.2	5.6	46.0	45.2
1972	61.0	71.5	56.0	49.8	50.3	52.1	52.3	51.0	46.5	35.9	20.0	5.5	47.2	46.4
1973	66.7	74.0	59.2	51.1	52.8	53.1	52.8	50.7	47.4	35.3	19.4	5.4	48.7	48.0
1974	66.3	75.0	61.5	52.4	54.0	54.3	53.2	51.0	46.8	35.5	18.6	5.2	49.3	48.6
1975	61.8	73.0	61.7	51.7	54.4	54.3	52.5	50.1	45.2	34.9	17.5	5.0	48.2	47.6
1976	63.6	74.1	62.2	55.8	56.2	55.5	53.2	49.8	45.7	34.6	16.9	4.9	49.1	48.6
1977	66.3	75.4	65.1	57.4	59.2	56.9	54.5	50.8	45.7	34.7	16.7	4.9	50.4	50.0
1978	71.1	78.1	68.3	61.2	61.3	60.3	56.1	52.3	45.6	35.6	17.3	4.8	52.5	52.1
1979	72.0	78.8	70.4	63.6	62.6	61.5	57.4	52.3	46.3	35.1	17.4	4.8	53.4	53.1
1980	68.3	77.9	69.2	63.9	63.8	63.7	61.6	56.1	47.0	35.0	18.4	5.0	53.6	53.4
1981	66.4	76.7	69.2	64.8	64.9	64.7	63.3	56.0	47.6	33.8	18.8	5.3	53.6	53.5
1982	62.9	75.6	69.4	64.8	63.9	64.5	62.9	54.9	47.2	34.2	19.0	5.2	52.9	52.9
1983	63.3	76.2	71.0	66.5	65.6	66.1	62.9	56.1	46.6	35.4	20.3	5.5	53.8	53.8

NOTE: THE COVERED WORKER RATE IS THE AVERAGE TOTAL NUMBER OF COVERED WORKER DURING THE YEAR AS A PERCENTAGE OF THE SOCIAL SECURITY AREA POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 SOCIAL SECURITY AREA POPULATION.

Table 12C: Total Covered Worker Rates by Age Group, 1947-1983 (in percent)

Year	Age Group												Total (16+)	Age-Sex Adjusted
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
1947	54.2	59.6	54.2	50.6	50.4	46.2	44.6	37.9	36.1	29.3	22.4	7.6	44.5	42.6
1948	54.2	59.1	53.0	50.6	49.9	46.8	44.1	38.3	35.0	29.9	22.0	7.4	44.1	42.4
1949	46.4	54.8	51.0	47.9	48.8	45.5	44.1	36.4	33.7	28.4	21.2	6.9	41.7	40.1
1950	49.1	56.7	51.8	49.0	49.9	46.8	44.2	38.4	34.0	28.3	20.6	6.8	42.6	41.1
1951	59.1	58.8	57.4	57.2	59.5	56.8	56.8	47.6	44.1	39.9	33.0	10.4	50.8	49.0
1952	61.2	56.8	57.7	58.8	59.9	58.2	58.3	49.9	43.9	42.1	33.6	11.3	51.5	49.8
1953	61.7	57.5	57.4	59.5	59.8	57.8	60.3	50.5	46.4	43.0	32.4	11.0	51.8	50.2
1954	53.5	56.2	54.5	59.3	57.7	57.8	59.9	51.2	45.5	41.9	31.3	11.3	50.2	48.6
1955	57.2	62.1	56.9	62.7	61.3	62.2	65.2	55.8	52.0	48.0	37.1	13.6	54.4	52.8
1956	58.9	64.7	56.8	63.3	62.9	64.0	66.8	58.9	52.9	51.1	39.1	14.3	55.9	54.3
1957	61.3	73.5	59.6	66.0	65.3	64.3	67.3	60.0	54.6	49.8	37.0	13.8	57.7	56.5
1958	54.3	72.1	58.2	65.6	64.0	64.3	66.3	59.9	54.7	49.8	35.3	13.1	56.4	55.2
1959	56.7	73.1	59.7	66.2	65.5	64.6	67.5	61.3	56.2	49.3	33.6	12.9	57.2	56.1
1960	55.3	73.5	64.1	62.2	63.9	66.1	66.0	63.0	58.2	49.8	30.5	12.5	57.0	56.1
1961	53.9	73.0	64.4	61.6	62.9	66.0	66.1	62.6	59.3	49.2	30.1	12.0	56.5	55.7
1962	51.3	74.9	65.3	61.9	63.3	66.1	66.2	63.3	59.5	50.1	29.2	11.8	56.6	56.0
1963	50.9	74.8	66.3	61.6	63.5	65.4	66.9	63.8	59.8	50.4	29.3	11.3	56.7	56.1
1964	53.3	75.1	66.9	62.8	63.2	66.0	66.3	64.6	60.1	51.8	29.4	11.0	57.2	56.7
1965	60.1	76.3	68.3	63.9	64.6	66.5	67.2	65.7	60.9	53.2	30.4	11.1	58.7	58.2
1966	64.7	81.6	69.9	66.1	65.7	67.0	68.8	67.3	61.4	54.4	31.1	11.3	60.7	60.2
1967	65.0	80.8	72.2	67.3	66.4	67.7	69.3	67.3	62.3	54.9	32.8	11.2	61.4	60.9
1968	67.4	82.2	72.2	68.5	66.6	67.9	68.4	68.2	62.1	55.1	33.8	11.5	62.0	61.5
1969	70.7	83.7	72.8	69.1	68.0	68.0	68.9	67.5	63.1	55.1	33.7	11.1	62.8	62.3
1970	68.5	83.5	72.2	69.3	68.2	68.3	68.3	67.2	63.6	54.6	33.7	10.8	62.5	62.0
1971	66.7	79.9	74.1	68.5	68.2	67.4	66.9	66.6	63.1	52.7	32.2	10.4	61.5	61.1
1972	70.2	82.2	73.8	70.6	69.0	67.8	67.6	66.1	62.8	51.9	30.9	10.1	62.3	61.9
1973	75.6	83.8	75.9	71.0	70.8	68.1	68.0	65.5	63.8	50.8	29.9	10.1	63.4	63.0
1974	74.2	84.0	76.8	70.8	71.3	68.8	67.6	65.6	62.3	50.6	28.1	9.7	63.2	62.8
1975	68.2	81.1	75.8	69.0	70.7	68.6	66.6	64.4	60.2	49.6	26.3	9.2	61.3	61.1
1976	69.2	82.2	74.6	72.5	71.5	69.4	66.5	63.5	60.0	48.9	25.3	9.0	61.6	61.5
1977	71.7	82.8	76.8	72.5	73.8	70.3	66.8	64.3	59.5	48.2	24.8	8.8	62.4	62.3
1978	76.6	84.3	78.9	74.9	74.8	72.8	67.9	65.6	59.4	49.3	25.4	9.0	64.1	63.9
1979	77.5	86.2	81.2	76.9	75.3	73.5	68.4	64.6	58.9	47.6	24.9	8.6	64.7	64.6
1980	73.3	83.6	78.6	75.5	75.3	73.7	71.2	67.2	60.0	48.4	25.1	8.6	64.0	63.9
1981	70.5	82.2	77.9	75.5	76.0	74.2	71.7	66.9	60.0	46.9	25.0	8.6	63.4	63.4
1982	65.2	80.5	76.4	74.3	74.5	72.7	70.3	65.6	58.8	46.3	24.5	8.2	61.8	61.8
1983	65.3	81.2	77.1	75.7	75.9	74.2	70.0	65.6	57.9	46.9	25.0	8.4	62.3	62.4

NOTE: THE COVERED WORKER RATE IS THE AVERAGE TOTAL NUMBER OF COVERED WORKER DURING THE YEAR AS A PERCENTAGE OF THE SOCIAL SECURITY AREA POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 SOCIAL SECURITY AREA POPULATION.

Table 12D: Alternative I Covered Worker Rates by Age Group and Sex, 1984-2060 (in percent)

Sex	Year	Age Group											Total (16+)	Age-Sex Adjusted		
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69			70+	
Male	1984	74.2	88.3	87.1	87.9	87.3	84.1	79.3	77.3	73.8	61.7	30.6	13.5	74.1	74.1	
	1985	79.7	89.9	89.0	89.4	88.0	85.0	81.0	78.9	75.8	63.0	30.2	13.4	75.6	75.8	
	1990	91.7	93.3	93.0	92.0	89.5	87.1	84.6	82.0	78.7	64.2	35.1	15.6	78.9	79.5	
	1995	89.6	94.1	93.2	91.7	89.8	87.2	85.7	82.7	77.2	63.8	36.6	15.8	78.5	79.5	
	2000	80.5	94.4	92.7	91.1	89.2	87.0	86.2	82.6	75.7	62.7	36.7	15.3	77.4	78.3	
	2010	76.7	95.8	93.2	91.2	89.4	87.5	86.8	82.8	74.2	61.9	36.3	14.3	76.2	78.1	
	2020	76.6	95.8	93.5	91.4	89.5	87.6	87.3	83.4	74.4	61.4	35.5	15.5	73.9	78.3	
	2030	76.7	95.8	93.4	91.5	89.5	87.6	87.4	83.7	74.7	61.2	35.0	14.9	72.4	78.2	
	2040	76.7	95.9	93.5	91.5	89.5	87.6	87.4	83.6	74.8	61.5	35.4	13.4	72.8	78.2	
	2050	76.7	95.8	93.5	91.5	89.5	87.6	87.5	83.7	74.7	61.3	35.3	12.9	73.4	78.1	
	2060	76.7	95.8	93.5	91.5	89.5	87.6	87.4	83.6	74.8	61.3	35.2	13.7	73.6	78.2	
	Female	1984	67.5	77.8	74.1	69.1	68.4	68.6	64.5	57.3	47.7	36.2	19.4	5.9	55.5	55.7
		1985	71.4	78.8	75.3	70.3	71.6	71.3	66.0	58.7	48.2	36.8	18.7	6.0	56.8	57.1
		1990	80.7	81.4	77.8	73.5	76.6	75.6	73.1	65.7	49.8	38.3	18.5	6.3	59.9	60.7
1995		81.0	83.9	81.1	76.1	78.5	78.1	75.5	68.9	52.0	39.5	20.0	6.3	61.5	62.6	
2000		76.5	89.9	85.8	82.2	80.8	81.5	78.6	72.8	55.2	41.8	21.4	6.4	64.1	65.4	
2010		74.4	91.2	87.1	83.6	80.8	83.2	80.3	75.6	57.6	43.4	22.5	6.0	63.9	66.3	
2020		74.4	91.1	86.7	84.1	80.9	83.2	79.8	75.1	57.2	43.1	22.5	6.9	61.2	66.3	
2030		74.4	91.3	86.9	83.9	80.7	83.3	80.2	75.2	56.9	42.4	22.3	6.8	59.6	66.3	
2040		74.4	91.1	86.8	84.1	80.8	83.2	80.1	75.4	57.3	42.5	22.3	5.9	59.8	66.2	
2050		74.4	91.2	86.8	84.0	80.8	83.4	80.1	75.3	57.1	42.7	22.4	5.5	60.4	66.2	
2060		74.4	91.2	86.8	84.0	80.8	83.3	80.2	75.4	57.1	42.5	22.3	6.0	60.9	66.2	
Total		1984	70.9	83.2	80.7	78.5	77.8	76.3	71.8	67.0	60.1	48.0	24.4	8.8	64.5	64.6
		1985	75.7	84.4	82.2	79.9	79.8	78.2	73.4	68.5	61.3	48.9	23.8	8.8	65.9	66.1
		1990	86.3	87.5	85.5	82.8	83.1	81.3	78.8	73.7	63.7	50.4	26.0	9.8	69.1	69.8
	1995	85.3	89.1	87.3	84.0	84.1	82.6	80.5	75.7	64.2	51.0	27.5	9.8	69.7	70.8	
	2000	78.5	92.2	89.3	86.7	85.1	84.3	82.4	77.6	65.1	51.7	28.4	9.7	70.5	71.6	
	2010	75.6	93.5	90.2	87.4	85.1	85.4	83.6	79.2	65.7	52.3	28.9	9.1	69.8	72.0	
	2020	75.6	93.5	90.1	87.8	85.2	85.4	83.6	79.2	65.6	51.9	28.5	10.3	67.3	72.1	
	2030	75.6	93.6	90.2	87.7	85.1	85.4	83.8	79.4	65.6	51.4	28.3	10.0	65.7	72.0	
	2040	75.6	93.5	90.2	87.8	85.2	85.4	83.7	79.5	65.8	51.7	28.4	8.8	66.0	72.0	
	2050	75.6	93.6	90.2	87.8	85.2	85.5	83.8	79.4	65.7	51.7	28.5	8.3	66.6	71.9	
	2060	75.6	93.5	90.2	87.8	85.2	85.4	83.8	79.5	65.8	51.6	28.4	9.0	67.0	72.0	

NOTE: THE COVERED WORKER RATE IS THE AVERAGE TOTAL NUMBER OF COVERED WORKER DURING THE YEAR AS A PERCENTAGE OF THE SOCIAL SECURITY AREA POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 SOCIAL SECURITY AREA POPULATION.

Table 12E: Alternative II-A Covered Worker Rates by Age Group and Sex, 1984-2060 (in percent)

Sex	Year	Age Group												Total (16+)	Age-Sex Adjusted
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
Male															
	1984	73.7	88.2	86.9	87.7	87.2	84.0	79.1	77.1	73.6	61.6	30.6	13.4	73.9	73.9
	1985	78.4	89.4	88.3	88.9	87.8	84.7	80.5	78.3	75.4	62.6	30.1	13.3	75.2	75.3
	1990	89.1	92.6	91.7	91.3	89.2	86.4	83.1	80.5	77.7	63.1	34.5	15.2	77.7	78.5
	1995	88.0	93.5	92.1	91.1	89.4	86.5	84.3	81.2	76.3	61.8	35.6	15.0	77.3	78.5
	2000	79.6	93.2	91.3	90.3	88.9	86.4	84.9	81.2	74.4	60.5	35.3	14.3	75.8	77.2
	2010	76.0	94.1	91.2	90.2	89.0	87.0	85.6	81.5	72.9	59.9	34.9	13.1	74.2	76.8
	2020	76.0	94.0	91.4	90.3	89.0	87.1	86.2	82.0	73.0	59.3	34.1	14.3	71.3	77.0
	2030	76.0	94.0	91.3	90.3	89.0	87.0	86.2	82.2	73.3	58.9	33.5	13.6	68.9	76.9
	2040	76.0	94.1	91.3	90.3	89.0	87.0	86.1	82.1	73.3	59.1	33.7	12.0	68.5	76.8
	2050	76.0	94.0	91.3	90.3	89.0	87.0	86.2	82.1	73.2	58.9	33.5	11.3	68.4	76.7
	2060	76.0	94.0	91.3	90.3	89.0	87.0	86.1	82.1	73.3	58.8	33.4	12.0	68.3	76.7
Female															
	1984	67.3	77.8	74.0	69.0	68.3	68.5	64.4	57.2	47.7	36.2	19.6	5.8	55.4	55.6
	1985	70.6	78.5	75.0	69.9	71.2	71.1	65.8	58.5	48.1	36.5	19.0	5.8	56.5	56.8
	1990	79.4	80.9	77.1	72.7	76.0	75.0	72.5	65.1	49.6	37.6	19.1	6.2	59.3	60.1
	1995	79.9	83.6	80.7	75.4	77.8	77.0	74.3	67.6	51.1	38.3	19.8	6.0	60.4	61.9
	2000	74.7	89.3	85.5	81.4	79.8	79.7	76.3	70.3	53.3	39.6	20.3	5.7	62.2	64.1
	2010	72.3	91.0	87.7	83.3	80.4	81.6	77.8	72.7	55.2	40.8	20.8	5.1	61.6	65.1
	2020	72.4	91.1	87.4	83.6	80.7	81.6	77.5	72.2	54.8	40.5	20.8	5.9	58.3	65.2
	2030	72.4	91.2	87.5	83.4	80.5	81.7	77.9	72.3	54.4	39.6	20.5	5.8	55.9	65.1
	2040	72.4	91.0	87.5	83.6	80.5	81.6	77.7	72.4	54.7	39.7	20.4	4.9	55.0	65.0
	2050	72.4	91.1	87.5	83.5	80.6	81.7	77.7	72.2	54.5	39.7	20.5	4.5	54.8	64.9
	2060	72.4	91.1	87.5	83.5	80.5	81.6	77.8	72.3	54.5	39.4	20.3	4.8	54.8	64.9
Total															
	1984	70.6	83.1	80.5	78.4	77.8	76.2	71.7	66.9	60.0	47.9	24.5	8.7	64.4	64.5
	1985	74.6	84.1	81.7	79.5	79.5	77.9	73.0	68.2	61.1	48.6	24.0	8.6	65.5	65.7
	1990	84.3	86.9	84.5	82.1	82.6	80.7	77.8	72.6	63.1	49.6	26.0	9.6	68.2	69.0
	1995	84.0	88.6	86.5	83.3	83.6	81.7	79.3	74.3	63.3	49.4	27.0	9.4	68.6	69.9
	2000	77.1	91.3	88.4	85.9	84.4	83.1	80.6	75.7	63.6	49.6	27.2	8.9	68.8	70.4
	2010	74.2	92.6	89.5	86.8	84.7	84.3	81.7	77.0	63.8	50.0	27.4	8.1	67.7	70.8
	2020	74.2	92.6	89.4	87.0	84.9	84.3	81.8	77.1	63.8	49.6	27.1	9.2	64.6	70.9
	2030	74.2	92.6	89.4	86.9	84.7	84.4	82.0	77.2	63.7	49.0	26.7	8.9	62.1	70.8
	2040	74.2	92.6	89.5	87.0	84.8	84.3	81.9	77.2	63.9	49.1	26.8	7.7	61.4	70.7
	2050	74.2	92.6	89.4	86.9	84.8	84.4	81.9	77.2	63.7	49.1	26.7	7.1	61.3	70.6
	2060	74.2	92.6	89.4	86.9	84.8	84.3	81.9	77.2	63.8	48.9	26.6	7.7	61.3	70.6

NOTE: THE COVERED WORKER RATE IS THE AVERAGE TOTAL NUMBER OF COVERED WORKER DURING THE YEAR AS A PERCENTAGE OF THE SOCIAL SECURITY AREA POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 SOCIAL SECURITY AREA POPULATION.

Table 12F: Alternative II-B Covered Worker Rates by Age Group and Sex, 1984-2060 (in percent)

Sex	Year	Age Group												Total (16+)	Age-Sex Adjusted
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
Male															
	1984	73.4	88.1	86.8	87.6	87.2	83.9	79.1	77.1	73.6	61.6	30.6	13.4	73.8	73.9
	1985	77.8	89.2	88.1	88.8	87.8	84.6	80.3	78.2	75.3	62.5	30.2	13.2	75.0	75.1
	1990	86.9	91.9	90.9	90.7	89.1	86.1	82.5	79.9	77.6	62.5	34.6	15.0	77.1	77.9
	1995	86.1	92.8	91.3	90.5	89.3	86.1	83.6	80.4	76.1	60.9	35.3	14.8	76.7	77.9
	2000	78.6	92.4	90.6	89.8	88.7	85.8	83.9	80.1	73.7	59.1	34.1	13.7	75.1	76.5
	2010	75.6	93.3	90.6	89.8	88.8	86.4	84.6	80.3	72.0	58.4	33.4	12.4	73.4	76.1
	2020	75.5	93.2	90.7	89.8	88.8	86.6	85.1	80.9	72.1	57.3	32.1	13.3	70.4	76.2
	2030	75.6	93.2	90.6	89.9	88.8	86.5	85.1	81.1	72.3	57.1	31.6	12.7	68.0	76.1
	2040	75.6	93.3	90.7	89.9	88.8	86.5	85.0	80.9	72.3	57.5	32.2	11.3	67.7	76.0
	2050	75.6	93.2	90.7	89.9	88.8	86.5	85.1	81.0	72.3	57.3	32.0	10.6	67.6	75.9
	2060	75.6	93.2	90.7	89.9	88.8	86.5	85.1	81.0	72.4	57.2	31.8	11.3	67.5	76.0
Female															
	1984	67.1	77.8	73.9	69.0	68.2	68.5	64.3	57.2	47.7	36.1	19.7	5.8	55.4	55.6
	1985	70.3	78.3	74.8	69.8	71.1	71.1	65.7	58.4	48.1	36.5	19.2	5.8	56.4	56.7
	1990	78.1	80.2	76.7	72.2	75.7	74.9	72.3	64.9	49.7	37.4	19.7	6.1	59.0	59.8
	1995	78.3	82.7	80.0	74.5	77.0	76.3	73.4	66.7	50.8	37.6	20.1	5.8	59.8	61.2
	2000	72.6	87.6	83.9	79.6	77.8	77.8	74.1	68.1	51.8	38.1	19.4	5.2	60.5	62.5
	2010	70.0	89.0	85.8	81.3	78.0	79.2	75.0	69.9	53.2	39.0	19.4	4.5	59.6	63.2
	2020	70.1	89.0	85.5	81.6	78.3	79.2	74.7	69.5	52.9	38.7	19.4	5.2	56.5	63.2
	2030	70.1	89.2	85.6	81.3	78.1	79.3	75.1	69.6	52.5	37.8	19.1	5.1	54.0	63.1
	2040	70.1	89.0	85.6	81.5	78.1	79.2	74.9	69.7	52.9	37.9	19.0	4.3	53.2	63.0
	2050	70.1	89.1	85.5	81.4	78.2	79.3	74.9	69.5	52.6	37.9	19.0	4.0	53.0	63.0
	2060	70.1	89.0	85.6	81.4	78.1	79.2	74.9	69.6	52.6	37.6	18.8	4.3	53.0	63.0
Total															
	1984	70.3	83.0	80.4	78.3	77.7	76.2	71.6	66.8	60.0	47.9	24.6	8.6	64.3	64.4
	1985	74.1	83.9	81.5	79.3	79.4	77.8	72.9	68.0	61.1	48.5	24.1	8.6	65.4	65.6
	1990	82.6	86.2	83.9	81.5	82.4	80.5	77.4	72.2	63.1	49.2	26.4	9.5	67.7	68.5
	1995	82.3	87.8	85.8	82.6	83.2	81.2	78.5	73.5	63.1	48.7	27.0	9.2	67.9	69.2
	2000	75.6	90.0	87.3	84.8	83.3	81.8	79.0	74.0	62.5	48.2	26.2	8.4	67.6	69.3
	2010	72.9	91.2	88.2	85.5	83.4	82.8	79.8	75.1	62.4	48.4	26.0	7.5	66.3	69.4
	2020	72.9	91.1	88.1	85.8	83.6	82.9	79.9	75.1	62.4	47.7	25.4	8.4	63.2	69.5
	2030	72.9	91.2	88.2	85.6	83.5	82.9	80.1	75.3	62.3	47.2	25.1	8.2	60.8	69.4
	2040	72.9	91.1	88.2	85.7	83.5	82.9	79.9	75.2	62.4	47.4	25.3	7.1	60.1	69.3
	2050	72.9	91.2	88.1	85.7	83.5	82.9	80.0	75.2	62.3	47.4	25.2	6.6	60.0	69.2
	2060	72.9	91.2	88.2	85.7	83.5	82.9	80.0	75.3	62.3	47.2	25.0	7.1	59.9	69.3

NOTE: THE COVERED WORKER RATE IS THE AVERAGE TOTAL NUMBER OF COVERED WORKER DURING THE YEAR AS A PERCENTAGE OF THE SOCIAL SECURITY AREA POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 SOCIAL SECURITY AREA POPULATION.

Table 12G: Alternative III Covered Worker Rates by Age Group and Sex, 1984-2060 (in percent)

Sex	Year	Age Group												Total (16+)	Age-Sex Adjusted
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
<b>Male</b>															
	1984	72.4	87.8	86.3	87.3	87.1	83.7	78.9	76.9	73.3	61.5	30.7	13.3	73.5	73.6
	1985	72.5	87.5	85.9	87.4	87.3	83.6	79.0	76.9	73.9	62.4	30.3	12.8	73.5	73.5
	1990	82.1	90.6	88.9	89.6	88.8	85.2	80.7	78.0	76.2	61.5	34.2	14.4	75.6	76.3
	1995	82.7	91.5	89.5	89.7	89.0	85.3	81.9	78.6	74.6	59.6	34.6	14.1	75.1	76.5
	2000	76.7	90.3	88.4	88.8	88.4	85.1	82.2	78.3	72.2	57.6	33.1	12.8	73.3	75.0
	2010	74.4	90.3	87.6	88.3	88.5	85.9	83.0	78.6	70.5	57.0	32.3	11.4	71.0	74.5
	2020	74.4	90.1	87.5	88.2	88.4	86.0	83.5	79.1	70.6	56.5	31.6	12.3	67.2	74.5
	2030	74.4	90.1	87.4	88.2	88.4	85.8	83.4	79.3	70.8	56.0	30.9	11.6	63.3	74.4
	2040	74.4	90.1	87.4	88.2	88.4	85.9	83.4	79.0	70.7	56.9	31.9	10.1	61.3	74.4
	2050	74.4	90.1	87.4	88.2	88.4	85.9	83.5	79.1	70.6	55.6	30.5	8.9	59.4	74.1
	2060	74.4	90.1	87.4	88.2	88.4	85.9	83.4	79.1	70.8	55.5	30.4	9.2	58.1	74.1
<b>Female</b>															
	1984	66.5	77.7	73.7	68.8	68.0	68.4	64.2	57.0	47.7	36.0	20.0	5.6	55.2	55.4
	1985	67.1	77.1	73.6	68.6	70.0	70.7	64.9	57.9	48.1	36.0	20.7	5.3	55.5	55.8
	1990	75.6	79.3	75.8	71.2	74.9	74.3	71.5	64.1	49.5	36.7	21.0	5.9	58.1	59.0
	1995	76.1	82.1	79.5	73.6	76.1	75.1	72.0	65.3	50.0	36.4	20.7	5.4	58.6	60.3
	2000	69.5	86.8	83.9	78.7	76.7	76.0	71.5	65.4	50.0	36.0	18.4	4.4	58.6	61.1
	2010	66.8	89.0	87.0	81.1	77.7	77.4	72.1	66.8	50.9	36.4	17.5	3.6	57.2	62.0
	2020	66.9	89.2	86.8	81.2	78.2	77.6	72.1	66.4	50.6	36.1	17.5	4.1	53.1	62.0
	2030	66.9	89.3	87.0	80.9	77.9	77.7	72.5	66.5	50.1	35.0	17.1	4.0	49.2	61.9
	2040	66.9	89.2	87.0	81.1	77.9	77.5	72.2	66.5	50.4	34.9	16.8	3.3	46.6	61.8
	2050	66.9	89.2	86.9	81.0	78.0	77.6	72.2	66.3	50.0	34.8	16.8	2.9	44.8	61.7
	2060	66.9	89.2	87.0	81.0	77.9	77.6	72.2	66.4	50.0	34.4	16.5	3.0	43.7	61.7
<b>Total</b>															
	1984	69.5	82.8	80.1	78.1	77.5	76.0	71.4	66.7	59.9	47.8	24.8	8.5	64.1	64.2
	1985	69.8	82.4	79.8	78.0	78.6	77.1	71.9	67.2	60.4	48.2	25.0	8.1	64.2	64.4
	1990	78.9	85.1	82.5	80.5	81.8	79.7	76.0	70.9	62.4	48.3	27.0	9.1	66.5	67.4
	1995	79.4	86.9	84.6	81.7	82.6	80.2	76.9	71.8	61.9	47.4	27.1	8.7	66.5	68.1
	2000	73.2	88.6	86.1	83.8	82.6	80.6	76.8	71.8	60.9	46.4	25.2	7.6	65.7	67.8
	2010	70.7	89.6	87.3	84.8	83.1	81.7	77.6	72.6	60.5	46.4	24.5	6.6	63.8	68.0
	2020	70.7	89.6	87.1	84.7	83.3	81.8	77.8	72.7	60.5	46.0	24.2	7.4	59.9	68.1
	2030	70.7	89.7	87.2	84.6	83.2	81.8	78.0	72.8	60.4	45.3	23.8	7.1	56.0	67.9
	2040	70.7	89.7	87.2	84.7	83.2	81.7	77.8	72.7	60.5	45.7	24.1	6.1	53.6	67.9
	2050	70.7	89.7	87.2	84.7	83.3	81.8	77.8	72.7	60.2	45.0	23.5	5.3	51.7	67.7
	2060	70.7	89.7	87.2	84.6	83.2	81.8	77.8	72.7	60.3	44.8	23.2	5.6	50.5	67.7

NOTE: THE COVERED WORKER RATE IS THE AVERAGE TOTAL NUMBER OF COVERED WORKER DURING THE YEAR AS A PERCENTAGE OF THE SOCIAL SECURITY AREA POPULATION. AGE-SEX ADJUSTMENT IS BASED ON THE DISTRIBUTION OF THE 1982 SOCIAL SECURITY AREA POPULATION.

Table 13A: Male Labor Force by Age Group, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	3053.	5094.	5621.	4977.	4887.	4716.	4072.	3810.	3372.	2278.	1381.	995.	44258.
1948	3002.	5117.	5706.	5052.	4948.	4775.	4120.	3855.	3443.	2327.	1386.	999.	44729.
1949	2899.	5198.	5774.	5112.	5018.	4842.	4155.	3888.	3435.	2320.	1426.	1028.	45097.
1950	2821.	5224.	5858.	5186.	5064.	4888.	4212.	3940.	3461.	2339.	1426.	1027.	45446.
1951	2865.	5267.	5977.	5292.	5117.	4939.	4264.	3990.	3510.	2372.	1435.	1034.	46063.
1952	2812.	5223.	6071.	5375.	5185.	5004.	4326.	4048.	3555.	2402.	1403.	1012.	46416.
1953	2777.	5084.	6083.	5386.	5429.	5240.	4449.	4163.	3568.	2411.	1478.	1066.	47131.
1954	2726.	4959.	6082.	5385.	5469.	5279.	4517.	4226.	3646.	2464.	1467.	1058.	47275.
1955	2812.	4851.	6081.	5383.	5513.	5320.	4586.	4291.	3655.	2470.	1468.	1058.	47488.
1956	2947.	4814.	6025.	5334.	5560.	5366.	4673.	4371.	3714.	2510.	1513.	1091.	47914.
1957	2985.	4781.	5966.	5281.	5621.	5425.	4754.	4447.	3716.	2511.	1439.	1038.	47964.
1958	2951.	4849.	5892.	5216.	5680.	5481.	4841.	4528.	3765.	2543.	1383.	996.	48126.
1959	3042.	4987.	5824.	5157.	5717.	5518.	4902.	4586.	3790.	2560.	1349.	972.	48405.
1960	3184.	5089.	5797.	5133.	5771.	5569.	4977.	4657.	3822.	2583.	1329.	958.	48870.
1961	3229.	5187.	5771.	5109.	5803.	5600.	5033.	4708.	3900.	2635.	1290.	930.	49193.
1962	3252.	5272.	5686.	5034.	5874.	5668.	5065.	4738.	3918.	2647.	1302.	939.	49395.
1963	3406.	5471.	5641.	4994.	5897.	5692.	5127.	4796.	3986.	2693.	1241.	894.	49835.
1964	3575.	5704.	5291.	5345.	5764.	5795.	5283.	4760.	3914.	2831.	1191.	932.	50387.
1965	3831.	5926.	5370.	5283.	5693.	5811.	5307.	4824.	3929.	2839.	1209.	922.	50946.
1966	4123.	6139.	5509.	5252.	5595.	5800.	5374.	4828.	3977.	2875.	1214.	875.	51560.
1967	4214.	6546.	5749.	5252.	5509.	5773.	5446.	4849.	4055.	2889.	1257.	861.	52398.
1968	4195.	6788.	6064.	5312.	5398.	5724.	5506.	4858.	4120.	2910.	1272.	882.	53030.
1969	4282.	7088.	6313.	5393.	5304.	5642.	5558.	4874.	4172.	2890.	1275.	895.	53688.
1970	4354.	7393.	6522.	5475.	5264.	5566.	5584.	4915.	4230.	2912.	1280.	888.	54383.
1971	4472.	7627.	6721.	5625.	5214.	5481.	5559.	4968.	4244.	2932.	1232.	866.	54943.
1972	4774.	7853.	7037.	5883.	5247.	5430.	5437.	5045.	4194.	2990.	1171.	869.	55930.
1973	5057.	8099.	7418.	6186.	5288.	5324.	5389.	5084.	4167.	2890.	1108.	820.	56830.
1974	5246.	8205.	7703.	6492.	5367.	5278.	5346.	5137.	4189.	2906.	1126.	823.	57819.
1975	5215.	8311.	8024.	6673.	5434.	5189.	5316.	5131.	4217.	2836.	1122.	814.	58281.
1976	5277.	8572.	8410.	6885.	5552.	5150.	5226.	5110.	4271.	2783.	1063.	786.	59086.
1977	5458.	8836.	8514.	7373.	5767.	5174.	5149.	5030.	4362.	2767.	1096.	785.	60311.
1978	5555.	9044.	8671.	7670.	6094.	5211.	5061.	5031.	4427.	2752.	1139.	824.	61480.
1979	5503.	9248.	8901.	7999.	6348.	5300.	5011.	4993.	4438.	2790.	1144.	826.	62500.
1980	5422.	9318.	9105.	8392.	6552.	5385.	4932.	4953.	4424.	2820.	1109.	806.	63218.
1981	5168.	9224.	9131.	8669.	6855.	5609.	5061.	5073.	4437.	2777.	1096.	795.	63896.
1982	4805.	9370.	9660.	8808.	7294.	5748.	4946.	4822.	4384.	2748.	1047.	787.	64419.
1983	4604.	9380.	9625.	8924.	7570.	6099.	5051.	4759.	4309.	2800.	1077.	837.	65036.

NOTE: THE LABOR FORCE IS DEFINED AS THE EMPLOYED AND UNEMPLOYED U.S. CIVILIANS PLUS ALL MEMBERS OF THE ARMED FORCES IN THE U.S. AND ABROAD.

Table 13B: Female Labor Force by Age Group, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	1835.	2725.	2047.	1703.	1818.	1858.	1407.	1323.	940.	582.	274.	171.	16683.
1948	1835.	2721.	2150.	1790.	1881.	1923.	1532.	1441.	967.	598.	316.	198.	17351.
1949	1813.	2662.	2186.	1820.	1975.	2018.	1598.	1502.	1037.	641.	342.	214.	17806.
1950	1714.	2681.	2238.	1863.	2060.	2106.	1715.	1613.	1136.	703.	359.	225.	18412.
1951	1733.	2670.	2350.	1955.	2130.	2177.	1822.	1713.	1188.	735.	339.	212.	19054.
1952	1758.	2519.	2366.	1969.	2198.	2246.	1875.	1762.	1255.	777.	363.	227.	19314.
1953	1713.	2447.	2279.	1896.	2309.	2359.	1898.	1784.	1265.	783.	426.	267.	19429.
1954	1688.	2441.	2305.	1919.	2332.	2383.	1971.	1853.	1337.	827.	410.	256.	19718.
1955	1729.	2458.	2325.	1936.	2378.	2430.	2142.	2013.	1477.	914.	480.	300.	20584.
1956	1868.	2467.	2339.	1946.	2491.	2545.	2272.	2135.	1612.	998.	505.	316.	21495.
1957	1866.	2453.	2327.	1936.	2533.	2588.	2380.	2238.	1625.	1006.	500.	313.	21765.
1958	1838.	2510.	2293.	1908.	2567.	2623.	2506.	2356.	1685.	1042.	506.	316.	22149.
1959	1902.	2484.	2235.	1861.	2588.	2644.	2620.	2463.	1781.	1102.	514.	322.	22516.
1960	2062.	2590.	2259.	1881.	2625.	2683.	2722.	2558.	1845.	1141.	558.	349.	23272.
1961	2143.	2708.	2265.	1886.	2668.	2726.	2786.	2619.	1918.	1187.	570.	356.	23838.
1962	2152.	2814.	2244.	1867.	2710.	2769.	2775.	2608.	1976.	1222.	560.	351.	24047.
1963	2238.	2970.	2282.	1899.	2772.	2832.	2838.	2667.	2058.	1274.	557.	348.	24736.
1964	2321.	3220.	2137.	2050.	2588.	3030.	2984.	2698.	2132.	1315.	583.	383.	25443.
1965	2519.	3375.	2212.	2124.	2648.	3076.	3019.	2695.	2209.	1378.	585.	391.	26232.
1966	2880.	3601.	2340.	2176.	2657.	3104.	3080.	2805.	2287.	1440.	581.	382.	27333.
1967	2897.	3981.	2568.	2285.	2682.	3165.	3130.	2856.	2370.	1485.	592.	386.	28395.
1968	2948.	4251.	2763.	2341.	2675.	3194.	3236.	2896.	2398.	1540.	603.	396.	29242.
1969	3109.	4615.	2932.	2469.	2716.	3189.	3386.	3002.	2539.	1538.	628.	428.	30551.
1970	3221.	4903.	3125.	2591.	2761.	3215.	3457.	3084.	2552.	1609.	645.	413.	31576.
1971	3290.	5123.	3294.	2685.	2781.	3187.	3464.	3126.	2575.	1667.	646.	416.	32255.
1972	3567.	5398.	3732.	2873.	2849.	3199.	3385.	3196.	2574.	1696.	674.	421.	33564.
1973	3825.	5704.	4129.	3186.	3001.	3179.	3354.	3244.	2564.	1674.	645.	421.	34926.
1974	4046.	5972.	4536.	3444.	3167.	3219.	3379.	3355.	2575.	1656.	623.	387.	36360.
1975	4127.	6244.	4948.	3715.	3274.	3256.	3399.	3324.	2669.	1665.	650.	401.	37674.
1976	4235.	6488.	5387.	4037.	3495.	3345.	3422.	3312.	2745.	1671.	689.	389.	39216.
1977	4389.	6776.	5665.	4483.	3747.	3422.	3429.	3336.	2818.	1675.	688.	402.	40831.
1978	4612.	7107.	5995.	4910.	4037.	3619.	3489.	3361.	2907.	1702.	715.	433.	42888.
1979	4654.	7310.	6290.	5304.	4378.	3766.	3477.	3458.	2959.	1779.	743.	432.	44549.
1980	4532.	7408.	6538.	5767.	4640.	3970.	3526.	3515.	2962.	1792.	738.	436.	45824.
1981	4340.	7453.	6684.	6114.	4973.	4229.	3690.	3513.	2978.	1758.	727.	456.	46916.
1982	4125.	7578.	7173.	6299.	5286.	4352.	3697.	3387.	3010.	1878.	722.	457.	47964.
1983	3972.	7541.	7382.	6527.	5563.	4659.	3714.	3388.	2934.	1958.	716.	456.	48810.

NOTE: THE LABOR FORCE IS DEFINED AS THE EMPLOYED AND UNEMPLOYED U.S. CIVILIANS PLUS ALL MEMBERS OF THE ARMED FORCES IN THE U.S. AND ABROAD.



Table 130: Total Labor Force by Age Group, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	4888.	7819.	7668.	6680.	6705.	6574.	5479.	5133.	4312.	2860.	1655.	1166.	60941.
1948	4837.	7838.	7856.	6842.	6829.	6698.	5652.	5296.	4410.	2925.	1702.	1197.	62080.
1949	4712.	7860.	7960.	6932.	6993.	6860.	5753.	5390.	4472.	2961.	1768.	1242.	62903.
1950	4535.	7905.	8096.	7049.	7124.	6994.	5927.	5553.	4597.	3042.	1785.	1252.	63858.
1951	4598.	7937.	8327.	7247.	7247.	7116.	6086.	5703.	4698.	3107.	1774.	1246.	65117.
1952	4570.	7742.	8437.	7344.	7383.	7250.	6201.	5810.	4810.	3179.	1766.	1239.	65730.
1953	4490.	7531.	8362.	7282.	7738.	7599.	6347.	5947.	4833.	3194.	1904.	1333.	66560.
1954	4414.	7400.	8387.	7304.	7801.	7662.	6488.	6079.	4983.	3291.	1877.	1314.	66993.
1955	4541.	7309.	8406.	7319.	7891.	7750.	6728.	6304.	5132.	3384.	1948.	1358.	68072.
1956	4815.	7281.	8364.	7280.	8051.	7911.	6945.	6506.	5326.	3508.	2018.	1407.	69409.
1957	4851.	7234.	8293.	7217.	8154.	8013.	7134.	6685.	5341.	3517.	1939.	1351.	69729.
1958	4789.	7359.	8185.	7124.	8247.	8104.	7347.	6884.	5450.	3585.	1889.	1312.	70275.
1959	4944.	7471.	8059.	7018.	8305.	8162.	7522.	7049.	5571.	3662.	1863.	1294.	70921.
1960	5246.	7679.	8056.	7014.	8396.	8252.	7699.	7215.	5667.	3724.	1887.	1307.	72142.
1961	5277.	7895.	8036.	6995.	8471.	8326.	7819.	7327.	5818.	3822.	1860.	1286.	73031.
1962	5404.	8086.	7930.	6901.	8584.	8437.	7840.	7346.	5894.	3869.	1862.	1290.	73442.
1963	5644.	8441.	7923.	6893.	8669.	8524.	7965.	7463.	6044.	3967.	1798.	1242.	74571.
1964	5896.	8924.	7428.	7395.	8352.	8825.	8267.	7458.	6046.	4146.	1774.	1315.	75830.
1965	6350.	9301.	7582.	7407.	8341.	8887.	8326.	7519.	6138.	4217.	1794.	1313.	77178.
1966	7003.	9740.	7849.	7428.	8252.	8904.	8454.	7633.	6264.	4315.	1795.	1257.	78893.
1967	7111.	10527.	8317.	7537.	8191.	8938.	8576.	7705.	6425.	4374.	1849.	1247.	80793.
1968	7143.	11039.	8827.	7653.	8073.	8918.	8742.	7754.	6518.	4450.	1875.	1278.	82272.
1969	7391.	11703.	9245.	7862.	8020.	8831.	8944.	7876.	6711.	4428.	1903.	1323.	84239.
1970	7575.	12296.	9647.	8066.	8025.	8781.	9041.	7999.	6782.	4521.	1925.	1301.	85959.
1971	7762.	12750.	10015.	8310.	7995.	8668.	9023.	8094.	6819.	4599.	1878.	1282.	87198.
1972	8341.	13251.	10769.	8756.	8096.	8629.	8822.	8241.	6768.	4686.	1845.	1290.	89494.
1973	8882.	13803.	11547.	9372.	8289.	8503.	8743.	8328.	6731.	4564.	1753.	1241.	91756.
1974	9292.	14177.	12239.	9936.	8534.	8497.	8725.	8492.	6764.	4562.	1749.	1210.	94179.
1975	9342.	14555.	12972.	10388.	8708.	8445.	8715.	8455.	6886.	4501.	1772.	1215.	95955.
1976	9512.	15060.	13797.	10922.	9047.	8495.	8648.	8422.	7016.	4454.	1752.	1175.	98302.
1977	9847.	15612.	14179.	11856.	9514.	8596.	8578.	8366.	7180.	4442.	1784.	1187.	101142.
1978	10167.	16151.	14666.	12580.	10131.	8830.	8550.	8392.	7334.	4454.	1854.	1257.	104368.
1979	10157.	16558.	15191.	13303.	10726.	9066.	8488.	8451.	7397.	4569.	1887.	1258.	107049.
1980	9954.	16726.	15643.	14159.	11192.	9355.	8458.	8468.	7386.	4612.	1847.	1242.	109042.
1981	9508.	16677.	15815.	14783.	11828.	9838.	8751.	8586.	7415.	4535.	1823.	1251.	110812.
1982	8930.	16948.	16833.	15107.	12580.	10100.	8643.	8209.	7394.	4626.	1769.	1244.	112383.
1983	8576.	16921.	17007.	15451.	13134.	10757.	8765.	8147.	7244.	4758.	1793.	1293.	113845.

NOTE: THE LABOR FORCE IS DEFINED AS THE EMPLOYED AND UNEMPLOYED U.S. CIVILIANS PLUS ALL MEMBERS OF THE ARMED FORCES IN THE U.S. AND ABROAD.

Table 13D: Alternative I Labor Force by Age Group, 1984-2060 (in thousands)

Sex	Year	Age Group												Total (16+)	
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
Male	1984	4546.	9330.	9939.	9166.	7860.	6276.	5088.	4651.	4317.	2864.	1036.	847.	65920.	
	1985	4599.	9199.	10108.	9341.	8248.	6495.	5215.	4623.	4349.	2940.	1029.	859.	67006.	
	1990	4840.	8338.	10045.	10119.	9155.	8271.	6315.	4963.	4146.	2967.	1276.	1087.	71520.	
	1995	4694.	7803.	9058.	9660.	10082.	9182.	8006.	6012.	4334.	2821.	1326.	1213.	74191.	
	2000	4996.	7782.	8432.	8537.	9826.	10122.	8899.	7632.	5178.	3023.	1293.	1272.	76993.	
	2010	5038.	8983.	9474.	8093.	8276.	8807.	9496.	9262.	7150.	4594.	1676.	1245.	82096.	
	2020	5212.	8958.	9853.	9339.	9304.	8398.	8001.	8066.	7604.	5532.	2307.	1780.	84355.	
	2030	5850.	10000.	10263.	9316.	9644.	9649.	8987.	7717.	6438.	4820.	2445.	2289.	87419.	
	2040	6071.	10627.	11445.	10386.	10053.	9630.	9314.	8861.	7247.	4637.	2094.	2204.	92569.	
	2050	6534.	11167.	11868.	11017.	11188.	10729.	9717.	8854.	7516.	5324.	2357.	2019.	98291.	
	2060	6993.	12092.	12775.	11577.	11603.	11375.	10806.	9867.	7858.	5321.	2445.	2313.	105025.	
	Female	1984	3839.	7538.	7706.	6793.	5954.	4923.	3798.	3366.	2925.	1998.	710.	534.	50084.
		1985	3944.	7399.	7911.	6999.	6538.	5305.	3968.	3412.	2902.	2031.	716.	576.	51699.
		1990	4310.	6794.	7865.	7798.	7634.	7105.	5262.	4057.	2769.	2023.	804.	734.	57155.
1995		4238.	6493.	7310.	7610.	8489.	8045.	6832.	5055.	3040.	1950.	828.	830.	60720.	
2000		4600.	6810.	6993.	7059.	8350.	9015.	7816.	6700.	3878.	2188.	861.	929.	65200.	
2010		4673.	7767.	7800.	6721.	7018.	7883.	8333.	8327.	5655.	3440.	1162.	907.	69687.	
2020		4837.	7733.	8050.	7788.	7892.	7560.	7014.	7154.	5887.	4117.	1631.	1275.	70939.	
2030		5420.	8647.	8400.	7740.	8167.	8704.	7907.	6880.	4982.	3516.	1704.	1647.	73715.	
2040		5622.	9144.	9345.	8643.	8507.	8667.	8182.	7916.	5629.	3396.	1452.	1577.	78079.	
2050		6048.	9623.	9678.	9146.	9460.	9651.	8518.	7881.	5816.	3911.	1643.	1439.	82815.	
2060		6467.	10401.	10414.	9596.	9790.	10212.	9464.	8772.	6056.	3883.	1694.	1637.	88386.	
Total		1984	8384.	16868.	17644.	15959.	13814.	11200.	8886.	8018.	7242.	4862.	1746.	1380.	116004.
		1985	8543.	16598.	18019.	16340.	14786.	11799.	9184.	8035.	7251.	4971.	1745.	1435.	118705.
		1990	9150.	15131.	17910.	17918.	16789.	15376.	11577.	9019.	6915.	4990.	2080.	1820.	128676.
	1995	8932.	14296.	16367.	17271.	18571.	17227.	14838.	11067.	7374.	4771.	2153.	2044.	134911.	
	2000	9596.	14593.	15425.	15596.	18176.	19137.	16715.	14333.	9056.	5211.	2154.	2202.	142193.	
	2010	9711.	16750.	17275.	14814.	15294.	16691.	17829.	17589.	12805.	8035.	2838.	2153.	151783.	
	2020	10048.	16691.	17903.	17127.	17197.	15958.	15015.	15220.	13491.	9650.	3938.	3056.	155294.	
	2030	11270.	18648.	18662.	17056.	17811.	18353.	16894.	14597.	11420.	8336.	4150.	3936.	161134.	
	2040	11694.	19771.	20790.	19029.	18561.	18296.	17495.	16777.	12876.	8033.	3546.	3781.	170648.	
	2050	12582.	20790.	21546.	20162.	20648.	20380.	18235.	16735.	13332.	9235.	4000.	3458.	181106.	
	2060	13460.	22493.	23189.	21173.	21393.	21588.	20270.	18639.	13913.	9204.	4138.	3950.	193411.	

NOTE: THE LABOR FORCE IS DEFINED AS THE EMPLOYED AND UNEMPLOYED U.S. CIVILIANS PLUS ALL MEMBERS OF THE ARMED FORCES IN THE U.S. AND ABROAD.

Table 13E: Alternative II-A Labor Force by Age Group, 1984-2060 (in thousands)

Sex	Year	Age Group											Total (16+)	
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69		70+
<b>Male</b>														
	1984	4535.	9317.	9926.	9157.	7851.	6270.	5083.	4646.	4316.	2857.	1038.	842.	65837.
	1985	4572.	9172.	10081.	9323.	8228.	6479.	5204.	4610.	4348.	2924.	1034.	850.	66825.
	1990	4775.	8271.	9957.	10060.	9083.	8209.	6261.	4916.	4137.	2919.	1274.	1071.	70933.
	1995	4625.	7702.	8921.	9567.	9975.	9093.	7926.	5946.	4323.	2746.	1310.	1195.	73326.
	2000	4899.	7634.	8248.	8400.	9705.	10028.	8820.	7563.	5145.	2936.	1256.	1241.	75875.
	2010	4643.	8456.	9136.	7895.	8112.	8675.	9398.	9188.	7102.	4486.	1632.	1229.	79952.
	2020	4537.	7942.	8934.	8783.	9036.	8225.	7855.	7947.	7532.	5409.	2259.	1775.	80235.
	2030	4824.	8372.	8805.	8264.	8829.	9128.	8749.	7559.	6328.	4673.	2381.	2290.	80202.
	2040	4752.	8481.	9319.	8712.	8717.	8600.	8554.	8387.	7066.	4464.	2020.	2202.	81273.
	2050	4850.	8448.	9185.	8819.	9215.	9066.	8455.	7917.	6919.	4957.	2256.	2010.	82099.
	2060	4946.	8710.	9390.	8793.	9087.	9177.	8939.	8355.	6860.	4684.	2211.	2257.	83409.
<b>Female</b>														
	1984	3827.	7525.	7695.	6782.	5948.	4917.	3795.	3362.	2923.	1994.	717.	526.	50010.
	1985	3911.	7358.	7882.	6971.	6525.	5290.	3961.	3403.	2900.	2022.	728.	561.	51512.
	1990	4231.	6697.	7785.	7714.	7593.	7040.	5230.	4022.	2758.	2000.	814.	713.	56596.
	1995	4145.	6380.	7204.	7498.	8404.	7909.	6731.	4962.	2994.	1896.	819.	796.	59737.
	2000	4447.	6670.	6875.	6911.	8223.	8803.	7615.	6501.	3751.	2083.	812.	854.	63545.
	2010	4243.	7406.	7704.	6583.	6898.	7655.	8083.	8050.	5437.	3258.	1079.	823.	67219.
	2020	4151.	6961.	7497.	7347.	7707.	7288.	6745.	6860.	5640.	3895.	1521.	1164.	66775.
	2030	4407.	7352.	7404.	6886.	7515.	8102.	7544.	6543.	4717.	3287.	1581.	1507.	66846.
	2040	4342.	7418.	7824.	7271.	7415.	7615.	7357.	7274.	5289.	3146.	1328.	1436.	67717.
	2050	4432.	7403.	7703.	7349.	7839.	8029.	7261.	6841.	5154.	3503.	1491.	1297.	68301.
	2060	4517.	7623.	7877.	7320.	7717.	8117.	7675.	7216.	5092.	3286.	1449.	1446.	69334.
<b>Total</b>														
	1984	8362.	16842.	17621.	15939.	13799.	11186.	8878.	8007.	7239.	4851.	1755.	1368.	115847.
	1985	8484.	16530.	17963.	16294.	14754.	11769.	9165.	8013.	7248.	4946.	1762.	1411.	118337.
	1990	9006.	14968.	17742.	17774.	16676.	15248.	11492.	8938.	6895.	4919.	2088.	1784.	127529.
	1995	8769.	14082.	16125.	17065.	18379.	17002.	14656.	10908.	7317.	4642.	2128.	1991.	133064.
	2000	9346.	14303.	15123.	15311.	17928.	18831.	16435.	14064.	8896.	5019.	2069.	2094.	139420.
	2010	8886.	15862.	16840.	14478.	15009.	16330.	17480.	17238.	12539.	7744.	2711.	2052.	147171.
	2020	8687.	14903.	16431.	16130.	16744.	15513.	14600.	14807.	13173.	9304.	3779.	2938.	147010.
	2030	9231.	15724.	16209.	15150.	16345.	17230.	16293.	14102.	11045.	7960.	3962.	3797.	147048.
	2040	9094.	15899.	17143.	15983.	16132.	16216.	15911.	15661.	12355.	7610.	3348.	3638.	148990.
	2050	9282.	15851.	16888.	16168.	17054.	17095.	15716.	14758.	12073.	8460.	3746.	3308.	150400.
	2060	9463.	16333.	17267.	16113.	16804.	17294.	16613.	15571.	11952.	7970.	3661.	3702.	152744.

NOTE: THE LABOR FORCE IS DEFINED AS THE EMPLOYED AND UNEMPLOYED U.S. CIVILIANS PLUS ALL MEMBERS OF THE ARMED FORCES IN THE U.S. AND ABROAD.

Table 13F: Alternative II-B Labor Force by Age Group, 1984-2060 (in thousands)

Sex	Year	Age Group												Total (16+)
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
<b>Male</b>														
	1984	4531.	9315.	9926.	9157.	7851.	6269.	5083.	4645.	4319.	2854.	1040.	840.	65831.
	1985	4565.	9168.	10081.	9321.	8227.	6477.	5204.	4609.	4353.	2918.	1037.	848.	66808.
	1990	4751.	8260.	9956.	10055.	9081.	8202.	6259.	4908.	4165.	2887.	1285.	1060.	70870.
	1995	4605.	7692.	8918.	9556.	9964.	9073.	7908.	5922.	4338.	2695.	1302.	1169.	73142.
	2000	4880.	7622.	8236.	8379.	9672.	9980.	8768.	7503.	5110.	2849.	1203.	1167.	75367.
	2010	4626.	8444.	9116.	7871.	8077.	8627.	9330.	9104.	7018.	4343.	1535.	1135.	79225.
	2020	4520.	7929.	8915.	8756.	8998.	8180.	7799.	7874.	7444.	5177.	2079.	1604.	79275.
	2030	4805.	8359.	8787.	8239.	8791.	9077.	8686.	7489.	6254.	4483.	2200.	2076.	79246.
	2040	4734.	8468.	9300.	8686.	8679.	8552.	8492.	8309.	6982.	4308.	1887.	2018.	80416.
	2050	4832.	8436.	9165.	8792.	9176.	9015.	8395.	7844.	6837.	4781.	2105.	1842.	81221.
	2060	4927.	8696.	9370.	8766.	9048.	9126.	8874.	8278.	6780.	4518.	2063.	2066.	82512.
<b>Female</b>														
	1984	3822.	7522.	7695.	6781.	5948.	4917.	3795.	3361.	2924.	1993.	722.	521.	50001.
	1985	3901.	7346.	7876.	6965.	6526.	5290.	3962.	3402.	2902.	2020.	733.	556.	51479.
	1990	4194.	6662.	7769.	7692.	7595.	7038.	5234.	4018.	2768.	1990.	834.	693.	56486.
	1995	4095.	6318.	7151.	7430.	8350.	7847.	6681.	4917.	2976.	1866.	822.	762.	59215.
	2000	4357.	6537.	6740.	6762.	8053.	8606.	7436.	6334.	3652.	2007.	771.	769.	62024.
	2010	4145.	7234.	7519.	6412.	6719.	7445.	7846.	7797.	5251.	3117.	998.	722.	65206.
	2020	4056.	6801.	7318.	7158.	7510.	7089.	6549.	6646.	5449.	3729.	1409.	1023.	64738.
	2030	4306.	7182.	7226.	6708.	7321.	7880.	7323.	6338.	4556.	3145.	1461.	1323.	64769.
	2040	4242.	7246.	7636.	7083.	7223.	7406.	7141.	7046.	5108.	3008.	1225.	1255.	65619.
	2050	4330.	7231.	7517.	7158.	7635.	7808.	7048.	6627.	4978.	3348.	1373.	1132.	66185.
	2060	4413.	7446.	7687.	7130.	7517.	7894.	7449.	6988.	4918.	3139.	1334.	1260.	67175.
<b>Total</b>														
	1984	8353.	16837.	17621.	15938.	13799.	11186.	8879.	8006.	7243.	4847.	1762.	1361.	115832.
	1985	8467.	16515.	17957.	16286.	14753.	11767.	9165.	8010.	7255.	4938.	1770.	1403.	118287.
	1990	8945.	14922.	17726.	17747.	16676.	15240.	11492.	8926.	6933.	4877.	2119.	1753.	127356.
	1995	8700.	14010.	16069.	16986.	18313.	16919.	14590.	10839.	7314.	4561.	2125.	1931.	132358.
	2000	9237.	14159.	14976.	15141.	17725.	18586.	16204.	13837.	8761.	4856.	1973.	1936.	137391.
	2010	8771.	15678.	16635.	14284.	14796.	16071.	17176.	16900.	12270.	7460.	2534.	1857.	144431.
	2020	8576.	14730.	16233.	15914.	16508.	15269.	14348.	14520.	12893.	8906.	3488.	2627.	144013.
	2030	9111.	15541.	16013.	14947.	16112.	16957.	16009.	13827.	10810.	7628.	3661.	3398.	144015.
	2040	8976.	15714.	16936.	15768.	15902.	15958.	15634.	15354.	12091.	7316.	3112.	3273.	146035.
	2050	9161.	15667.	16682.	15950.	16811.	16823.	15443.	14471.	11815.	8129.	3479.	2974.	147406.
	2060	9340.	16142.	17057.	15896.	16564.	17020.	16323.	15266.	11698.	7657.	3397.	3326.	149687.

NOTE: THE LABOR FORCE IS DEFINED AS THE EMPLOYED AND UNEMPLOYED U.S. CIVILIANS PLUS ALL MEMBERS OF THE ARMED FORCES IN THE U.S. AND ABROAD.

Table 13G: Alternative III Labor Force by Age Group, 1984-2060 (in thousands)

Sex	Year	Age Group											Total (16+)	
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69		70+
<b>Male</b>														
	1984	4517.	9301.	9913.	9148.	7841.	6263.	5078.	4639.	4316.	2849.	1048.	830.	65743.
	1985	4488.	9116.	10048.	9301.	8200.	6460.	5193.	4593.	4351.	2902.	1065.	815.	66531.
	1990	4664.	8183.	9862.	9997.	9004.	8137.	6201.	4856.	4154.	2838.	1298.	1031.	70225.
	1995	4516.	7577.	8765.	9463.	9850.	8979.	7821.	5848.	4311.	2634.	1301.	1140.	72204.
	2000	4755.	7447.	8020.	8232.	9543.	9879.	8681.	7422.	5060.	2771.	1167.	1112.	74089.
	2010	4100.	7754.	8701.	7653.	7903.	8491.	9224.	9022.	6960.	4242.	1479.	1088.	76617.
	2020	3666.	6636.	7741.	8051.	8696.	8004.	7652.	7755.	7376.	5141.	2070.	1606.	74394.
	2030	3569.	6374.	6993.	6918.	7754.	8421.	8427.	7336.	6158.	4412.	2175.	2092.	70629.
	2040	3245.	5996.	6800.	6655.	7023.	7253.	7525.	7724.	6806.	4273.	1904.	2110.	67315.
	2050	3043.	5492.	6196.	6265.	6831.	6983.	6831.	6674.	6097.	4418.	2021.	1848.	62699.
	2060	2878.	5235.	5834.	5753.	6233.	6579.	6649.	6439.	5561.	3828.	1818.	2023.	58829.
<b>Female</b>														
	1984	3806.	7505.	7683.	6770.	5942.	4910.	3792.	3356.	2924.	1988.	740.	502.	49918.
	1985	3804.	7243.	7814.	6906.	6512.	5277.	3957.	3390.	2904.	2006.	800.	486.	51099.
	1990	4082.	6536.	7676.	7588.	7558.	6968.	5203.	3982.	2760.	1963.	871.	645.	55830.
	1995	3975.	6193.	7051.	7307.	8276.	7706.	6584.	4822.	2931.	1812.	836.	709.	58202.
	2000	4180.	6418.	6659.	6625.	7950.	8393.	7238.	6134.	3523.	1903.	723.	660.	60405.
	2010	3624.	6828.	7481.	6301.	6634.	7217.	7604.	7523.	5036.	2939.	901.	595.	62683.
	2020	3248.	5872.	6650.	6645.	7350.	6827.	6298.	6367.	5213.	3518.	1279.	853.	60120.
	2030	3162.	5653.	6025.	5689.	6540.	7197.	6972.	6027.	4310.	2935.	1319.	1108.	56937.
	2040	2878.	5307.	5859.	5485.	5925.	6185.	6205.	6358.	4786.	2782.	1089.	1044.	53903.
	2050	2701.	4873.	5337.	5164.	5768.	5961.	5628.	5471.	4257.	2936.	1208.	931.	50234.
	2060	2555.	4646.	5032.	4742.	5260.	5616.	5482.	5280.	3868.	2516.	1068.	1005.	47070.
<b>Total</b>														
	1984	8323.	16806.	17596.	15918.	13783.	11173.	8870.	7995.	7240.	4836.	1788.	1332.	115661.
	1985	8292.	16359.	17861.	16206.	14712.	11737.	9149.	7984.	7255.	4908.	1866.	1300.	117630.
	1990	8746.	14720.	17538.	17585.	16561.	15105.	11404.	8838.	6914.	4801.	2169.	1675.	126055.
	1995	8491.	13769.	15816.	16770.	18126.	16685.	14405.	10670.	7242.	4446.	2137.	1848.	130406.
	2000	8935.	13865.	14679.	14857.	17493.	18272.	15919.	13556.	8583.	4674.	1890.	1772.	134495.
	2010	7724.	14582.	16182.	13953.	14537.	15709.	16828.	16545.	11996.	7181.	2380.	1683.	139300.
	2020	6915.	12508.	14391.	14695.	16045.	14831.	13950.	14122.	12589.	8659.	3350.	2459.	134514.
	2030	6731.	12027.	13018.	12606.	14293.	15618.	15400.	13363.	10468.	7347.	3494.	3200.	127566.
	2040	6124.	11303.	12660.	12139.	12949.	13438.	13730.	14082.	11592.	7055.	2992.	3154.	121219.
	2050	5744.	10365.	11532.	11429.	12599.	12943.	12459.	12145.	10354.	7354.	3229.	2779.	112933.
	2060	5433.	9881.	10866.	10494.	11493.	12195.	12131.	11719.	9429.	6345.	2885.	3028.	105900.

NOTE: THE LABOR FORCE IS DEFINED AS THE EMPLOYED AND UNEMPLOYED U.S. CIVILIANS PLUS ALL MEMBERS OF THE ARMED FORCES IN THE U.S. AND ABROAD.

Table 14A: Male Covered Workers by Age Group, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	2854.	4417.	4517.	4164.	3716.	3249.	2760.	2356.	1977.	1443.	825.	463.	32741.
1948	2888.	4427.	4494.	4211.	3754.	3323.	2764.	2378.	1957.	1511.	824.	463.	32994.
1949	2365.	4046.	4393.	4046.	3747.	3290.	2792.	2277.	1917.	1468.	822.	443.	31606.
1950	2530.	4215.	4497.	4135.	3889.	3419.	2827.	2417.	1951.	1478.	815.	447.	32620.
1951	3007.	4007.	4912.	4795.	4642.	4166.	3613.	2979.	2504.	1987.	1240.	667.	38518.
1952	3135.	3644.	4976.	4966.	4671.	4281.	3742.	3137.	2500.	2101.	1282.	753.	39187.
1953	3185.	3588.	4981.	5027.	4782.	4388.	3880.	3175.	2600.	2104.	1318.	774.	39801.
1954	2772.	3455.	4789.	5057.	4677.	4451.	3910.	3246.	2584.	2064.	1269.	812.	39086.
1955	3026.	3980.	5019.	5345.	5035.	4846.	4327.	3595.	2995.	2399.	1566.	1007.	43140.
1956	3202.	4214.	4996.	5354.	5193.	5009.	4481.	3818.	3068.	2543.	1671.	1069.	44618.
1957	3577.	5228.	5339.	5612.	5527.	5087.	4591.	3956.	3169.	2511.	1554.	1036.	47186.
1958	3294.	5225.	5178.	5532.	5493.	5132.	4622.	3991.	3211.	2523.	1492.	994.	46689.
1959	3636.	5382.	5195.	5494.	5634.	5149.	4768.	4137.	3306.	2510.	1428.	992.	47630.
1960	3748.	5455.	5148.	5464.	5591.	5188.	4818.	4183.	3336.	2605.	1392.	972.	47900.
1961	3745.	5564.	5146.	5367.	5508.	5268.	4851.	4207.	3446.	2567.	1368.	953.	47990.
1962	3883.	5895.	5197.	5292.	5496.	5348.	4861.	4279.	3520.	2605.	1312.	962.	48650.
1963	4030.	6198.	5319.	5175.	5465.	5356.	4927.	4341.	3603.	2625.	1301.	940.	49280.
1964	4441.	6483.	5442.	5128.	5377.	5436.	4904.	4440.	3692.	2684.	1301.	932.	50260.
1965	5206.	6731.	5574.	5153.	5416.	5464.	5002.	4536.	3803.	2793.	1359.	953.	51990.
1966	5842.	7197.	5759.	5221.	5360.	5451.	5116.	4649.	3853.	2891.	1396.	995.	53730.
1967	5833.	7625.	6098.	5270.	5292.	5465.	5213.	4637.	3945.	2986.	1462.	994.	54820.
1968	6086.	7941.	6404.	5371.	5186.	5416.	5202.	4699.	3958.	3053.	1522.	1032.	55870.
1969	6435.	8329.	6522.	5494.	5146.	5322.	5277.	4644.	4048.	3107.	1517.	1009.	56980.
1970	6308.	8539.	6760.	5564.	5126.	5287.	5242.	4671.	4084.	3122.	1522.	1005.	57330.
1971	6257.	8684.	7031.	5645.	5111.	5164.	5141.	4688.	4090.	3061.	1474.	974.	57320.
1972	6645.	8832.	7449.	5971.	5154.	5080.	5132.	4776.	4057.	3074.	1471.	969.	58610.
1973	7257.	9072.	7796.	6286.	5272.	4998.	5122.	4786.	4140.	3048.	1459.	984.	60220.
1974	7186.	9238.	8104.	6431.	5336.	4922.	4995.	4828.	4061.	3061.	1401.	957.	60520.
1975	6635.	9122.	8245.	6440.	5311.	4831.	4891.	4729.	4023.	3013.	1352.	928.	59520.
1976	6711.	9429.	8428.	6794.	5434.	4829.	4783.	4635.	4055.	2988.	1326.	928.	60340.
1977	6963.	9650.	8582.	7210.	5726.	4875.	4688.	4619.	4112.	2943.	1319.	933.	61620.
1978	7422.	9902.	8852.	7566.	6051.	5020.	4662.	4671.	4174.	3031.	1366.	993.	63710.
1979	7484.	10397.	9333.	8035.	6281.	5106.	4571.	4511.	4126.	2933.	1338.	955.	65070.
1980	7015.	10090.	9181.	8120.	6408.	5094.	4585.	4582.	4225.	3107.	1317.	957.	64680.
1981	6527.	10056.	9237.	8472.	6583.	5226.	4516.	4506.	4173.	3069.	1296.	949.	64610.
1982	5755.	9805.	9167.	8208.	6974.	5212.	4400.	4334.	4030.	3050.	1258.	926.	63120.
1983	5542.	9857.	9267.	8492.	7330.	5603.	4424.	4206.	3941.	3090.	1252.	946.	63952.

NOTE: THE COVERED WORKERS ARE THE EMPLOYED AND SELF-EMPLOYED WHO HAVE EARNED AT LEAST \$1 IN EMPLOYMENT COVERED BY SOCIAL SECURITY DURING THE YEAR. THE AGE GROUP, 16-19, INCLUDES A RELATIVELY SMALL NUMBER OF WORKERS UNDER AGE 16.

Table 14B: Female Covered Workers by Age Group, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	2418.	3246.	2295.	1822.	1706.	1477.	1184.	852.	604.	346.	152.	65.	16167.
1948	2277.	3119.	2243.	1852.	1696.	1536.	1191.	900.	614.	367.	160.	69.	16024.
1949	1947.	2861.	2172.	1757.	1658.	1514.	1208.	881.	609.	362.	158.	67.	15194.
1950	1939.	2842.	2235.	1856.	1720.	1597.	1249.	958.	646.	385.	164.	69.	15660.
1951	2016.	3201.	2607.	2264.	2138.	2005.	1693.	1258.	930.	675.	361.	155.	19602.
1952	2419.	3187.	2630.	2352.	2235.	2119.	1787.	1375.	974.	742.	396.	178.	20393.
1953	2448.	3158.	2621.	2399.	2361.	2202.	1927.	1457.	1063.	780.	425.	200.	21039.
1954	2212.	3020.	2431.	2352.	2285.	2202.	1960.	1525.	1085.	792.	442.	218.	20524.
1955	2384.	3085.	2480.	2456.	2423.	2376.	2180.	1704.	1266.	917.	525.	264.	22060.
1956	2478.	3097.	2441.	2467.	2547.	2506.	2318.	1884.	1345.	1023.	594.	292.	22992.
1957	2486.	3114.	2399.	2460.	2593.	2562.	2414.	1975.	1445.	1028.	611.	315.	23404.
1958	2270.	3085.	2272.	2377.	2551.	2590.	2428.	2049.	1482.	1054.	601.	323.	23081.
1959	2512.	3206.	2329.	2364.	2672.	2677.	2541.	2170.	1589.	1074.	597.	336.	24070.
1960	2580.	3294.	2313.	2348.	2710.	2750.	2614.	2265.	1660.	1140.	597.	359.	24630.
1961	2550.	3372.	2310.	2272.	2679.	2784.	2662.	2317.	1756.	1154.	610.	364.	24830.
1962	2602.	3637.	2358.	2270.	2712.	2866.	2722.	2413.	1849.	1209.	615.	377.	25630.
1963	2623.	3880.	2433.	2238.	2705.	2896.	2800.	2474.	1948.	1249.	631.	383.	26260.
1964	2834.	4059.	2523.	2292.	2663.	3003.	2831.	2538.	2035.	1350.	648.	394.	27170.
1965	3350.	4335.	2687.	2335.	2704.	3086.	2934.	2627.	2128.	1422.	668.	414.	28690.
1966	3847.	4874.	2940.	2496.	2789.	3177.	3127.	2746.	2231.	1520.	689.	434.	30870.
1967	3867.	5300.	3228.	2589.	2840.	3227.	3241.	2818.	2322.	1594.	746.	448.	32220.
1968	4137.	5630.	3454.	2725.	2845.	3241.	3286.	2917.	2352.	1677.	776.	470.	33510.
1969	4483.	6063.	3701.	2832.	2922.	3266.	3386.	2974.	2433.	1749.	801.	470.	35080.
1970	4482.	6306.	3827.	2928.	2902.	3252.	3405.	3029.	2510.	1806.	840.	473.	35760.
1971	4523.	6396.	4061.	2975.	2888.	3163.	3320.	3084.	2504.	1798.	831.	477.	36020.
1972	4947.	6670.	4509.	3259.	2961.	3180.	3334.	3126.	2545.	1809.	815.	475.	37630.
1973	5544.	7034.	4932.	3542.	3139.	3192.	3341.	3160.	2617.	1808.	818.	483.	39610.
1974	5612.	7294.	5353.	3779.	3259.	3222.	3330.	3213.	2624.	1838.	810.	476.	40810.
1975	5304.	7297.	5607.	3864.	3333.	3166.	3266.	3167.	2603.	1819.	787.	467.	40680.
1976	5518.	7581.	5964.	4248.	3527.	3234.	3269.	3153.	2689.	1826.	780.	471.	42260.
1977	5774.	7902.	6240.	4717.	3843.	3331.	3301.	3191.	2765.	1845.	788.	483.	44180.
1978	6190.	8355.	6691.	5207.	4208.	3568.	3354.	3263.	2821.	1913.	828.	492.	46890.
1979	6252.	8572.	7061.	5658.	4467.	3707.	3396.	3242.	2904.	1922.	846.	503.	48530.
1980	5890.	8590.	7138.	5950.	4710.	3909.	3587.	3462.	2959.	1967.	900.	548.	49610.
1981	5569.	8579.	7283.	6359.	4895.	4076.	3668.	3409.	2995.	1941.	926.	599.	50300.
1982	5125.	8442.	7513.	6322.	5222.	4189.	3663.	3278.	2951.	2008.	938.	600.	50250.
1983	5006.	8450.	7774.	6615.	5564.	4537.	3698.	3303.	2894.	2104.	1020.	654.	51620.

NOTE: THE COVERED WORKERS ARE THE EMPLOYED AND SELF-EMPLOYED WHO HAVE EARNED AT LEAST \$1 IN EMPLOYMENT COVERED BY SOCIAL SECURITY DURING THE YEAR. THE AGE GROUP, 16-19, INCLUDES A RELATIVELY SMALL NUMBER OF WORKERS UNDER AGE 16.

Table 14C: Total Covered Workers by Age Group, 1947-1983 (in thousands)

Year	Age Group												Total (16+)
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
1947	5272.	7663.	6812.	5986.	5422.	4726.	3944.	3208.	2581.	1789.	977.	528.	48908.
1948	5165.	7546.	6737.	6063.	5450.	4859.	3955.	3278.	2571.	1878.	984.	532.	49018.
1949	4312.	6907.	6565.	5803.	5405.	4804.	4000.	3158.	2526.	1830.	980.	510.	46800.
1950	4469.	7057.	6732.	5991.	5609.	5016.	4076.	3375.	2597.	1863.	979.	516.	48280.
1951	5323.	7208.	7519.	7059.	6780.	6171.	5306.	4237.	3434.	2662.	1601.	822.	58120.
1952	5554.	6831.	7606.	7318.	6906.	6400.	5529.	4512.	3474.	2843.	1678.	931.	59580.
1953	5633.	6746.	7602.	7426.	7143.	6590.	5807.	4632.	3663.	2884.	1743.	974.	60840.
1954	4984.	6475.	7220.	7409.	6962.	6653.	5870.	4771.	3669.	2856.	1711.	1030.	59610.
1955	5410.	7065.	7499.	7801.	7458.	7222.	6507.	5299.	4261.	3316.	2091.	1271.	65200.
1956	5680.	7311.	7437.	7821.	7740.	7515.	6799.	5702.	4413.	3566.	2265.	1361.	67610.
1957	6063.	8342.	7738.	8072.	8120.	7649.	7005.	5931.	4614.	3539.	2165.	1351.	70590.
1958	5564.	8310.	7450.	7909.	8044.	7722.	7050.	6040.	4693.	3577.	2093.	1317.	69770.
1959	6148.	8588.	7524.	7858.	8306.	7826.	7309.	6307.	4895.	3584.	2025.	1328.	71700.
1960	6328.	8749.	7461.	7812.	8301.	7938.	7432.	6448.	4996.	3745.	1989.	1331.	72530.
1961	6295.	8936.	7456.	7639.	8187.	8052.	7513.	6524.	5202.	3721.	1978.	1317.	72820.
1962	6485.	9532.	7555.	7562.	8208.	8214.	7583.	6692.	5369.	3814.	1927.	1339.	74280.
1963	6653.	10078.	7752.	7413.	8170.	8252.	7727.	6815.	5551.	3874.	1932.	1323.	75540.
1964	7275.	10542.	7965.	7420.	8040.	8439.	7735.	6978.	5727.	4034.	1949.	1326.	77430.
1965	8556.	11066.	8261.	7488.	8120.	8550.	7936.	7163.	5931.	4215.	2027.	1367.	80680.
1966	9589.	12071.	8699.	7717.	8149.	8628.	8243.	7395.	6084.	4411.	2085.	1429.	84600.
1967	9700.	12925.	9326.	7859.	8132.	8692.	8454.	7455.	6267.	4580.	2208.	1442.	87040.
1968	10223.	13571.	9858.	8096.	8031.	8657.	8488.	7616.	6310.	4730.	2298.	1502.	89380.
1969	10948.	14392.	10323.	8326.	8068.	8588.	8663.	7618.	6481.	4856.	2318.	1479.	92060.
1970	10790.	14945.	10587.	8492.	8028.	8539.	8647.	7700.	6594.	4928.	2362.	1478.	93090.
1971	10780.	15080.	11092.	8620.	7999.	8327.	8461.	7772.	6594.	4859.	2305.	1451.	93340.
1972	11592.	15502.	11958.	9230.	8115.	8260.	8466.	7902.	6602.	4883.	2286.	1444.	96240.
1973	12801.	16106.	12728.	9828.	8411.	8190.	8463.	7946.	6757.	4856.	2277.	1467.	99830.
1974	12798.	16532.	13457.	10210.	8595.	8144.	8325.	8041.	6685.	4899.	2211.	1433.	101330.
1975	11939.	16419.	13852.	10304.	8644.	7997.	8157.	7896.	6626.	4832.	2139.	1395.	100200.
1976	12229.	17010.	14392.	11042.	8961.	8063.	8052.	7788.	6744.	4814.	2106.	1399.	102600.
1977	12737.	17552.	14822.	11927.	9569.	8206.	7989.	7810.	6877.	4788.	2107.	1416.	105800.
1978	13612.	18257.	15543.	12773.	10259.	8588.	8016.	7934.	6995.	4944.	2194.	1485.	110600.
1979	13736.	18969.	16394.	13693.	10748.	8813.	7967.	7753.	7030.	4855.	2184.	1458.	113600.
1980	12905.	18680.	16319.	14070.	11117.	9003.	8172.	8044.	7183.	5075.	2217.	1505.	114290.
1981	12096.	18635.	16520.	14831.	11478.	9302.	8184.	7914.	7168.	5010.	2222.	1548.	114910.
1982	10880.	18247.	16680.	14531.	12196.	9401.	8063.	7612.	6981.	5058.	2196.	1526.	113370.
1983	10548.	18307.	17041.	15107.	12894.	10140.	8122.	7509.	6835.	5194.	2273.	1600.	115572.

NOTE: THE COVERED WORKERS ARE THE EMPLOYED AND SELF-EMPLOYED WHO HAVE EARNED AT LEAST \$1 IN EMPLOYMENT COVERED BY SOCIAL SECURITY DURING THE YEAR. THE AGE GROUP, 16-19, INCLUDES A RELATIVELY SMALL NUMBER OF WORKERS UNDER AGE 16.



Table 14D: Alternative I Covered Workers by Age Group, 1984-2060 (in thousands)

Sex	Year	Age Group												Total (16+)	
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+		
Male	1984	5895.	10021.	9899.	8965.	7795.	5958.	4624.	4249.	4096.	3200.	1264.	983.	66950.	
	1985	6218.	10008.	10235.	9325.	8245.	6227.	4833.	4294.	4178.	3287.	1270.	1001.	69121.	
	1990	6793.	9271.	10380.	10569.	9305.	8094.	6099.	4752.	4085.	3276.	1610.	1280.	75515.	
	1995	6533.	8756.	9295.	10224.	10271.	8989.	7845.	5795.	4273.	3073.	1647.	1415.	78117.	
	2000	6636.	8909.	8670.	9083.	9921.	9880.	8757.	7354.	5069.	3235.	1566.	1440.	80520.	
	2010	6606.	10438.	9796.	8655.	8343.	8649.	9442.	9013.	7014.	4920.	2016.	1393.	86286.	
	2020	6833.	10407.	10190.	9990.	9380.	8248.	7992.	7912.	7529.	5967.	2787.	1996.	89231.	
	2030	7671.	11619.	10614.	9966.	9722.	9476.	8977.	7570.	6375.	5198.	2957.	2571.	92717.	
	2040	7961.	12347.	11836.	11111.	10135.	9458.	9303.	8692.	7176.	4999.	2528.	2476.	98023.	
	2050	8568.	12974.	12275.	11786.	11279.	10536.	9706.	8686.	7442.	5741.	2848.	2268.	104111.	
	2060	9170.	14050.	13211.	12385.	11697.	11172.	10794.	9680.	7781.	5738.	2954.	2598.	111230.	
	Female	1984	5162.	8527.	8231.	7012.	6092.	4893.	3861.	3323.	2921.	2178.	991.	719.	53911.
		1985	5359.	8464.	8469.	7278.	6698.	5252.	4039.	3363.	2913.	2226.	969.	741.	55771.
		1990	5787.	7828.	8426.	8298.	7947.	7073.	5360.	3972.	2793.	2220.	1051.	872.	61629.
1995		5729.	7596.	7880.	8286.	8880.	8097.	7020.	4992.	3075.	2129.	1085.	958.	65728.	
2000		6107.	8268.	7860.	8034.	8820.	9216.	8108.	6688.	3914.	2380.	1081.	1026.	71503.	
2010		6217.	9687.	8973.	7828.	7475.	8152.	8712.	8396.	5731.	3753.	1437.	983.	77344.	
2020		6434.	9647.	9269.	9064.	8406.	7816.	7357.	7238.	5993.	4504.	2020.	1381.	79130.	
2030		7210.	10780.	9668.	9010.	8699.	9001.	8295.	6961.	5070.	3847.	2112.	1785.	82436.	
2040		7479.	11408.	10755.	10057.	9061.	8962.	8583.	8012.	5729.	3714.	1799.	1710.	87270.	
2050		8045.	12003.	11140.	10645.	10076.	9981.	8936.	7973.	5920.	4278.	2035.	1558.	92591.	
2060		8602.	12973.	11987.	11170.	10429.	10560.	9929.	8877.	6164.	4249.	2099.	1774.	98813.	
Total		1984	11057.	18548.	18130.	15977.	13887.	10851.	8485.	7572.	7017.	5378.	2255.	1702.	120861.
		1985	11577.	18473.	18704.	16603.	14942.	11479.	8872.	7657.	7091.	5513.	2240.	1743.	124892.
		1990	12580.	17100.	18807.	18867.	17252.	15167.	11459.	8724.	6878.	5496.	2661.	2152.	137144.
	1995	12263.	16352.	17175.	18511.	19151.	17087.	14865.	10786.	7348.	5202.	2732.	2373.	143845.	
	2000	12743.	17177.	16530.	17117.	18740.	19096.	16866.	14042.	8983.	5615.	2648.	2466.	152023.	
	2010	12824.	20125.	18769.	16483.	15818.	16801.	18153.	17409.	12746.	8673.	3453.	2376.	163630.	
	2020	13268.	20055.	19459.	19055.	17786.	16064.	15349.	15151.	13522.	10471.	4807.	3376.	168361.	
	2030	14881.	22399.	20282.	18976.	18421.	18477.	17271.	14531.	11445.	9045.	5068.	4356.	175153.	
	2040	15441.	23756.	22591.	21168.	19197.	18420.	17886.	16704.	12905.	8714.	4327.	4186.	185293.	
	2050	16613.	24977.	23415.	22432.	21355.	20517.	18642.	16660.	13363.	10019.	4883.	3826.	196702.	
	2060	17772.	27024.	25198.	23555.	22126.	21732.	20723.	18557.	13944.	9987.	5053.	4371.	210043.	

NOTE: THE COVERED WORKERS ARE THE EMPLOYED AND SELF-EMPLOYED WHO HAVE EARNED AT LEAST \$1 IN EMPLOYMENT COVERED BY SOCIAL SECURITY DURING THE YEAR. THE AGE GROUP, 16-19, INCLUDES A RELATIVELY SMALL NUMBER OF WORKERS UNDER AGE 16.

Table 14E: Alternative II-A Covered Workers by Age Group, 1984-2060 (in thousands)

Sex	Year	Age Group												Total (16+)
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70+	
<b>Male</b>														
	1984	5851.	9996.	9867.	8944.	7786.	5948.	4615.	4240.	4089.	3195.	1265.	979.	66776.
	1985	6095.	9941.	10151.	9271.	8223.	6201.	4801.	4266.	4159.	3271.	1270.	992.	68642.
	1990	6557.	9144.	10200.	10455.	9258.	8029.	5994.	4670.	4041.	3231.	1597.	1262.	74438.
	1995	6360.	8617.	9107.	10106.	10203.	8914.	7724.	5705.	4241.	3008.	1625.	1399.	77008.
	2000	6468.	8690.	8436.	8920.	9827.	9792.	8634.	7253.	5025.	3164.	1538.	1428.	79174.
	2010	6078.	9762.	9394.	8428.	8197.	8518.	9295.	8900.	6960.	4845.	1996.	1406.	83778.
	2020	5939.	9167.	9188.	9376.	9132.	8076.	7805.	7757.	7451.	5884.	2774.	2037.	84587.
	2030	6314.	9664.	9055.	8823.	8923.	8963.	8694.	7379.	6260.	5084.	2931.	2635.	84725.
	2040	6221.	9790.	9584.	9300.	8808.	8444.	8499.	8187.	6989.	4857.	2484.	2536.	85699.
	2050	6349.	9753.	9445.	9414.	9312.	8901.	8402.	7729.	6843.	5394.	2776.	2315.	86633.
	2060	6476.	10054.	9657.	9387.	9183.	9011.	8881.	8156.	6786.	5098.	2724.	2603.	88016.
<b>Female</b>														
	1984	5134.	8513.	8213.	6996.	6079.	4884.	3854.	3316.	2920.	2173.	998.	709.	53789.
	1985	5284.	8413.	8419.	7232.	6662.	5232.	4021.	3348.	2907.	2213.	987.	728.	55448.
	1990	5649.	7716.	8323.	8193.	7876.	7009.	5309.	3931.	2777.	2188.	1085.	867.	60922.
	1995	5586.	7477.	7765.	8164.	8776.	7966.	6901.	4891.	3026.	2066.	1084.	934.	64635.
	2000	5868.	8087.	7718.	7864.	8658.	8990.	7861.	6458.	3781.	2264.	1030.	956.	69533.
	2010	5597.	9182.	8825.	7655.	7315.	7902.	8396.	8064.	5506.	3552.	1344.	902.	74240.
	2020	5474.	8630.	8595.	8540.	8174.	7523.	7031.	6895.	5736.	4258.	1898.	1276.	74031.
	2030	5813.	9109.	8487.	8007.	7970.	8364.	7865.	6577.	4796.	3592.	1973.	1653.	74207.
	2040	5727.	9198.	8968.	8453.	7864.	7862.	7669.	7314.	5378.	3439.	1659.	1573.	75102.
	2050	5845.	9176.	8830.	8544.	8312.	8289.	7570.	6877.	5241.	3829.	1860.	1421.	75794.
	2060	5957.	9449.	9029.	8511.	8185.	8379.	8001.	7254.	5178.	3592.	1810.	1589.	76936.
<b>Total</b>														
	1984	10985.	18509.	18080.	15940.	13865.	10832.	8469.	7556.	7009.	5368.	2263.	1688.	120565.
	1985	11380.	18354.	18570.	16503.	14886.	11434.	8822.	7614.	7066.	5484.	2257.	1720.	124090.
	1990	12205.	16861.	18523.	18648.	17134.	15038.	11303.	8601.	6818.	5419.	2682.	2129.	135360.
	1995	11945.	16093.	16872.	18270.	18979.	16880.	14625.	10596.	7267.	5074.	2709.	2333.	141643.
	2000	12336.	16776.	16154.	16784.	18485.	18781.	16495.	13712.	8806.	5427.	2568.	2383.	148707.
	2010	11675.	18943.	18220.	16083.	15512.	16420.	17691.	16964.	12466.	8398.	3340.	2308.	158018.
	2020	11414.	17797.	17784.	17915.	17306.	15599.	14836.	14652.	13187.	10142.	4672.	3313.	158618.
	2030	12128.	18773.	17542.	16830.	16892.	17327.	16558.	13956.	11057.	8677.	4904.	4288.	158932.
	2040	11948.	18988.	18552.	17752.	16672.	16306.	16168.	15500.	12367.	8295.	4143.	4109.	160801.
	2050	12194.	18929.	18275.	17957.	17624.	17190.	15972.	14606.	12084.	9223.	4637.	3736.	162428.
	2060	12433.	19503.	18686.	17899.	17368.	17390.	16883.	15410.	11964.	8689.	4534.	4192.	164952.

NOTE: THE COVERED WORKERS ARE THE EMPLOYED AND SELF-EMPLOYED WHO HAVE EARNED AT LEAST \$1 IN EMPLOYMENT COVERED BY SOCIAL SECURITY DURING THE YEAR. THE AGE GROUP, 16-19, INCLUDES A RELATIVELY SMALL NUMBER OF WORKERS UNDER AGE 16.

Table 14F: Alternative II-B Covered Workers by Age Group, 1984-2060 (in thousands)

Sex	Year	Age Group											Total (16+)		
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69		70+	
Male	1984	5827.	9985.	9852.	8935.	7784.	5943.	4613.	4238.	4088.	3193.	1266.	977.	66700.	
	1985	6047.	9916.	10121.	9255.	8220.	6191.	4791.	4256.	4152.	3267.	1270.	989.	68474.	
	1990	6394.	9069.	10104.	10392.	9250.	7994.	5949.	4633.	4036.	3205.	1599.	1250.	73876.	
	1995	6228.	8549.	9031.	10046.	10191.	8870.	7660.	5650.	4231.	2963.	1613.	1377.	76409.	
	2000	6392.	8616.	8372.	8871.	9807.	9732.	8534.	7158.	4976.	3090.	1488.	1368.	78403.	
	2010	6043.	9679.	9328.	8386.	8182.	8468.	9178.	8774.	6871.	4730.	1913.	1334.	82886.	
	2020	5905.	9089.	9124.	9330.	9115.	8030.	7709.	7649.	7355.	5685.	2611.	1898.	83498.	
	2030	6278.	9581.	8992.	8780.	8906.	8910.	8585.	7276.	6180.	4923.	2768.	2463.	83640.	
	2040	6185.	9707.	9517.	9254.	8792.	8394.	8393.	8071.	6899.	4728.	2369.	2392.	84701.	
	2050	6313.	9669.	9379.	9368.	9294.	8849.	8297.	7621.	6756.	5249.	2645.	2182.	85622.	
	2060	6438.	9969.	9589.	9341.	9165.	8958.	8770.	8041.	6699.	4960.	2593.	2453.	86976.	
	Female	1984	5119.	8507.	8208.	6990.	6073.	4883.	3851.	3314.	2922.	2171.	1003.	704.	53745.
		1985	5256.	8392.	8402.	7216.	6650.	5230.	4016.	3345.	2908.	2208.	997.	725.	55345.
		1990	5557.	7656.	8278.	8138.	6999.	7838.	5290.	3918.	2784.	2172.	1121.	857.	60610.
1995		5479.	7394.	7698.	8069.	8683.	7891.	6820.	4829.	3006.	2031.	1100.	908.	63908.	
2000		5702.	7934.	7574.	7693.	8445.	8772.	7629.	6257.	3678.	2178.	986.	876.	67723.	
2010		5418.	8976.	8632.	7464.	7097.	7670.	8093.	7760.	5314.	3395.	1253.	803.	71876.	
2020		5301.	8437.	8407.	8328.	7932.	7304.	6778.	6637.	5539.	4072.	1772.	1139.	71647.	
2030		5628.	8906.	8301.	7807.	7733.	8120.	7581.	6330.	4631.	3433.	1839.	1472.	71780.	
2040		5544.	8992.	8770.	8241.	7629.	7631.	7391.	7037.	5193.	3284.	1541.	1396.	72649.	
2050		5659.	8971.	8635.	8331.	8065.	8045.	7296.	6617.	5059.	3655.	1728.	1259.	73320.	
2060		5767.	9237.	8830.	8298.	7941.	8133.	7711.	6980.	4999.	3427.	1679.	1405.	74407.	
Total		1984	10946.	18492.	18059.	15925.	13857.	10826.	8464.	7552.	7010.	5364.	2269.	1681.	120445.
		1985	11303.	18309.	18524.	16471.	14870.	11421.	8807.	7601.	7060.	5475.	2266.	1713.	123819.
		1990	11951.	16726.	18383.	18531.	17088.	14993.	11240.	8551.	6820.	5377.	2720.	2107.	134486.
	1995	11707.	15943.	16729.	18115.	18874.	16762.	14479.	10479.	7237.	4994.	2712.	2285.	140317.	
	2000	12094.	16550.	15945.	16564.	18252.	18504.	16163.	13415.	8654.	5268.	2475.	2243.	146126.	
	2010	11461.	18655.	17961.	15850.	15279.	16138.	17271.	16534.	12185.	8124.	3166.	2137.	154762.	
	2020	11206.	17526.	17531.	17658.	17046.	15333.	14486.	14286.	12894.	9757.	4383.	3038.	155145.	
	2030	11905.	18487.	17292.	16587.	16639.	17030.	16166.	13605.	10811.	8357.	4606.	3935.	155420.	
	2040	11730.	18699.	18287.	17496.	16421.	16025.	15784.	15108.	12092.	8012.	3910.	3787.	157350.	
	2050	11972.	18639.	18014.	17699.	17359.	16894.	15593.	14238.	11816.	8905.	4373.	3441.	158942.	
	2060	12205.	19205.	18419.	17640.	17106.	17091.	16481.	15021.	11698.	8387.	4272.	3858.	161383.	

NOTE: THE COVERED WORKERS ARE THE EMPLOYED AND SELF-EMPLOYED WHO HAVE EARNED AT LEAST \$1 IN EMPLOYMENT COVERED BY SOCIAL SECURITY DURING THE YEAR. THE AGE GROUP, 16-19, INCLUDES A RELATIVELY SMALL NUMBER OF WORKERS UNDER AGE 16.

Table 14G: Alternative III Covered Workers by Age Group, 1984-2060 (in thousands)

Sex	Year	Age Group											Total (16+)	
		16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69		70+
<b>Male</b>														
	1984	5738.	9943.	9792.	8901.	7772.	5926.	4601.	4226.	4073.	3191.	1270.	969.	66404.
	1985	5626.	9704.	9855.	9107.	8171.	6113.	4712.	4188.	4074.	3262.	1277.	957.	67046.
	1990	6009.	8889.	9850.	10245.	9202.	7908.	5816.	4527.	3967.	3163.	1592.	1219.	72388.
	1995	5924.	8348.	8776.	9899.	10129.	8778.	7500.	5529.	4164.	2919.	1602.	1356.	74922.
	2000	6139.	8314.	8063.	8678.	9724.	9631.	8363.	7015.	4903.	3043.	1469.	1349.	76692.
	2010	5338.	8755.	8804.	8123.	8043.	8331.	8980.	8611.	6799.	4694.	1905.	1343.	79725.
	2020	4773.	7492.	7832.	8544.	8850.	7854.	7484.	7461.	7273.	5732.	2679.	1988.	77962.
	2030	4646.	7195.	7075.	7343.	7892.	8263.	8242.	7059.	6073.	4923.	2829.	2606.	74144.
	2040	4225.	6769.	6880.	7063.	7148.	7116.	7360.	7431.	6711.	4761.	2460.	2612.	70536.
	2050	3962.	6200.	6268.	6649.	6953.	6851.	6681.	6421.	6013.	4933.	2633.	2311.	65874.
	2060	3746.	5910.	5902.	6106.	6344.	6455.	6503.	6195.	5483.	4275.	2371.	2534.	61824.
<b>Female</b>														
	1984	5066.	8487.	8182.	6968.	6049.	4874.	3839.	3304.	2923.	2165.	1022.	682.	53561.
	1985	5000.	8246.	8251.	7085.	6538.	5197.	3964.	3312.	2903.	2178.	1077.	655.	54408.
	1990	5336.	7509.	8145.	7999.	7742.	6928.	5224.	3870.	2773.	2134.	1198.	831.	59690.
	1995	5255.	7249.	7576.	7924.	8558.	7753.	6678.	4718.	2960.	1967.	1138.	873.	62651.
	2000	5368.	7742.	7454.	7521.	8274.	8540.	7346.	6008.	3548.	2060.	943.	778.	65582.
	2010	4626.	8365.	8521.	7307.	6944.	7414.	7741.	7404.	5096.	3193.	1147.	684.	68443.
	2020	4146.	7189.	7579.	7705.	7694.	7013.	6433.	6287.	5299.	3830.	1632.	982.	65789.
	2030	4036.	6918.	6865.	6598.	6847.	7393.	7124.	5951.	4380.	3195.	1686.	1273.	62266.
	2040	3673.	6497.	6675.	6361.	6203.	6354.	6339.	6278.	4865.	3028.	1392.	1204.	58869.
	2050	3447.	5964.	6081.	5989.	6038.	6124.	5749.	5402.	4326.	3195.	1544.	1078.	54937.
	2060	3261.	5686.	5733.	5499.	5507.	5769.	5600.	5213.	3932.	2738.	1367.	1167.	51472.
<b>Total</b>														
	1984	10804.	18430.	17974.	15868.	13822.	10800.	8441.	7531.	6995.	5357.	2292.	1651.	119965.
	1985	10626.	17950.	18106.	16191.	14710.	11310.	8676.	7500.	6978.	5440.	2354.	1613.	121454.
	1990	11345.	16398.	17996.	18244.	16944.	14837.	11040.	8398.	6740.	5297.	2790.	2050.	132078.
	1995	11180.	15597.	16352.	17823.	18687.	16531.	14178.	10247.	7123.	4886.	2740.	2229.	137573.
	2000	11507.	16056.	15517.	16200.	17998.	18171.	15709.	13022.	8451.	5104.	2412.	2127.	142274.
	2010	9964.	17119.	17326.	15429.	14987.	15746.	16721.	16016.	11895.	7887.	3052.	2027.	148168.
	2020	8919.	14681.	15410.	16249.	16544.	14867.	13917.	13749.	12572.	9562.	4311.	2969.	143751.
	2030	8682.	14113.	13940.	13941.	14738.	15655.	15366.	13010.	10453.	8118.	4515.	3879.	136410.
	2040	7899.	13266.	13555.	13424.	13351.	13470.	13698.	13709.	11576.	7789.	3851.	3816.	129405.
	2050	7409.	12164.	12349.	12638.	12990.	12975.	12430.	11822.	10338.	8128.	4177.	3389.	120811.
	2060	7008.	11596.	11635.	11605.	11851.	12224.	12103.	11409.	9415.	7013.	3737.	3701.	113297.

NOTE: THE COVERED WORKERS ARE THE EMPLOYED AND SELF-EMPLOYED WHO HAVE EARNED AT LEAST \$1 IN EMPLOYMENT COVERED BY SOCIAL SECURITY DURING THE YEAR. THE AGE GROUP, 16-19, INCLUDES A RELATIVELY SMALL NUMBER OF WORKERS UNDER AGE 16.

TABLE 15: COMPARISON OF COVERED WORKERS TO WORKERS IN THE U.S. ECONOMY, 1951-1983

YEAR	WORKERS IN THE U.S. ECONOMY (IN THOUSANDS)			COVERED WORKERS (IN THOUSANDS)			RATIO OF COVERED WORKERS TO WORKERS IN THE U.S. ECONOMY		
	WAGE AND SALARY	SELF EMPLOYED	TOTAL	WAGE AND SALARY	SELF EMPLOYED	TOTAL	WAGE AND SALARY	SELF EMPLOYED	TOTAL
1951	56412.	9699.	63059.	54630.	4190.	58120.	.9684	.4320	.9217
1952	57700.	9637.	63850.	56060.	4240.	59580.	.9716	.4400	.9331
1953	58877.	9475.	64723.	57220.	4340.	60840.	.9719	.4580	.9400
1954	57350.	9329.	63462.	55940.	4350.	59610.	.9754	.4663	.9393
1955	59053.	9149.	65220.	59560.	6810.	65200.	1.0086	.7443	.9997
1956	60773.	8981.	66660.	61560.	7390.	67610.	1.0129	.8228	1.0143
1957	61246.	8821.	66870.	64730.	7150.	70590.	1.0569	.8106	1.0556
1958	59758.	8611.	65672.	64040.	7130.	69770.	1.0717	.8280	1.0624
1959	61500.	8428.	67183.	66000.	7060.	71700.	1.0732	.8377	1.0672
1960	62608.	8305.	68290.	66980.	6870.	72530.	1.0698	.8272	1.0621
1961	62792.	8177.	68321.	67360.	6790.	72820.	1.0727	.8304	1.0659
1962	64443.	8009.	69528.	68890.	6720.	74280.	1.0690	.8391	1.0683
1963	65470.	7722.	70499.	70310.	6590.	75540.	1.0739	.8534	1.0715
1964	67112.	7652.	72046.	72230.	6480.	77430.	1.0763	.8468	1.0747
1965	69529.	7526.	73813.	75430.	6550.	80680.	1.0849	.8703	1.0930
1966	73341.	7271.	76021.	79460.	6630.	84600.	1.0834	.9118	1.1129
1967	75280.	7188.	77820.	82020.	6470.	87040.	1.0895	.9001	1.1185
1968	77419.	7115.	79458.	84470.	6570.	89380.	1.0911	.9234	1.1249
1969	79664.	7199.	81409.	87200.	6350.	92060.	1.0946	.8821	1.1308
1970	79573.	7093.	81867.	88180.	6270.	93090.	1.1082	.8840	1.1371
1971	79380.	7117.	82184.	88460.	6290.	93340.	1.1144	.8838	1.1357
1972	81338.	7198.	84608.	91220.	6600.	96240.	1.1215	.9169	1.1375
1973	84676.	7264.	87388.	94610.	7100.	99830.	1.1173	.9774	1.1424
1974	86012.	7458.	89027.	96190.	7040.	101330.	1.1183	.9440	1.1382
1975	84414.	7420.	88029.	94900.	7000.	100200.	1.1242	.9434	1.1383
1976	86681.	7392.	90900.	97230.	7400.	102600.	1.1217	1.0011	1.1287
1977	89630.	7669.	94153.	100430.	7500.	105800.	1.1205	.9780	1.1237
1978	93832.	8063.	98169.	104810.	8040.	110600.	1.1170	.9971	1.1266
1979	96795.	8394.	100915.	107920.	8050.	113600.	1.1149	.9590	1.1257
1980	97148.	8665.	101409.	108400.	8130.	114290.	1.1158	.9383	1.1270
1981	97943.	8759.	102534.	109000.	8290.	114910.	1.1129	.9465	1.1207
1982	96616.	8927.	101707.	107400.	8400.	113370.	1.1116	.9410	1.1147
1983	97077.	9219.	103132.	109424.	8694.	115572.	1.1272	.9431	1.1206

NOTE: TOTALS ARE NOT EQUAL TO THE SUM OF WAGE AND SALARY AND SELF EMPLOYED BECAUSE PERSONS WITH BOTH TYPES OF EMPLOYMENT DURING THE YEAR ARE INCLUDED IN EACH TYPE.

TABLE 16: GROSS NATIONAL PRODUCT AND POTENTIAL GROSS NATIONAL PRODUCT BY COMPONENT, 1950-1983

FULL EMPLOYMENT										
YEAR	JULY 1 U.S. POPULATION (000)	LABOR FORCE PART. RATE (%)	LABOR FORCE (000)	UNEM- PLOYMENT RATE (%)	EMPLOYMENT (000)	PRODUC- TIVITY (\$/HRPD)	HOURS PAID PER WEEK (HRPD/W)	POTENTIAL GNP 1972\$ (BILLION)	RATIO OF ACTUAL TO POTENTIAL GNP (%)	ACTUAL GNP 1972\$ (BILLION)
1950	106645.	60.0	63966.	4.1	61330.	4.24	39.8	538.	99.3	535.
1951	107721.	59.9	64579.	4.1	61925.	4.37	39.9	562.	103.1	579.
1952	108823.	60.0	65326.	4.1	62655.	4.51	39.9	587.	102.4	601.
1953	110601.	59.8	66184.	4.1	63503.	4.66	39.6	610.	102.2	624.
1954	111671.	60.4	67416.	4.0	64699.	4.80	39.1	632.	97.5	616.
1955	112732.	60.3	67966.	4.0	65227.	4.86	39.6	653.	100.6	658.
1956	113811.	61.1	69527.	4.1	66711.	4.96	39.3	676.	99.4	672.
1957	115065.	60.9	70121.	4.1	67281.	5.15	38.8	699.	97.8	684.
1958	116363.	61.3	71342.	4.0	68467.	5.28	38.5	724.	94.1	681.
1959	117881.	60.7	71577.	4.0	68686.	5.37	39.0	749.	96.4	722.
1960	119759.	61.0	73041.	4.1	70061.	5.51	38.6	774.	95.2	737.
1961	121343.	61.1	74092.	4.1	71062.	5.62	38.6	801.	94.4	757.
1962	122981.	60.3	74121.	4.1	71089.	5.79	38.7	829.	96.5	800.
1963	125154.	60.1	75205.	4.1	72107.	5.91	38.8	860.	96.8	833.
1964	127224.	59.9	76207.	4.1	73045.	6.07	38.7	893.	98.2	876.
1965	129236.	59.7	77141.	4.2	73901.	6.22	38.8	928.	100.2	929.
1966	131181.	59.8	78420.	4.3	75064.	6.39	38.6	964.	102.2	985.
1967	133320.	60.4	80525.	4.3	77055.	6.56	38.0	999.	101.2	1011.
1968	135563.	60.3	81772.	4.3	78239.	6.73	37.8	1035.	102.2	1058.
1969	137840.	60.9	83903.	4.3	80253.	6.81	37.7	1072.	101.5	1088.
1970	140274.	61.6	86479.	4.4	82691.	6.96	37.1	1110.	97.8	1086.
1971	143032.	61.4	87764.	4.4	83903.	7.14	36.9	1150.	97.6	1122.
1972	146585.	61.1	89607.	4.5	85611.	7.24	37.0	1192.	99.5	1186.
1973	149423.	61.2	91372.	4.5	87242.	7.38	36.9	1235.	101.6	1254.
1974	152350.	62.2	94792.	4.6	90470.	7.44	36.5	1278.	97.6	1246.
1975	155331.	62.9	97703.	4.6	93238.	7.55	36.1	1321.	93.3	1232.
1976	158293.	62.9	99598.	4.6	95026.	7.65	36.1	1365.	95.1	1298.
1977	161167.	63.3	101938.	4.6	97239.	7.75	36.0	1411.	97.0	1370.
1978	164027.	63.9	104764.	4.6	99924.	7.84	35.8	1459.	98.6	1439.
1979	166949.	64.4	107532.	4.6	102575.	7.92	35.6	1505.	98.3	1479.
1980	169848.	65.0	110401.	4.6	105334.	8.01	35.3	1548.	95.3	1475.
1981	172272.	65.1	112235.	4.5	107140.	8.12	35.2	1592.	95.1	1514.
1982	174449.	66.0	115067.	4.5	109889.	8.22	34.8	1634.	90.9	1485.
1983	176937.	65.7	116318.	4.5	111131.	8.28	35.0	1674.	91.7	1535.

TABLE 16A: ALTERNATIVE I GROSS NATIONAL PRODUCT AND POTENTIAL GROSS NATIONAL PRODUCT BY COMPONENT, 1984-2060

FULL EMPLOYMENT										
YEAR	JULY 1 U. S. POPULATION (000)	LABOR FORCE PART. RATE (%)	LABOR FORCE (000)	UNEM- PLOYMENT RATE (%)	EMPLOYMENT (000)	PRODUC- TIVITY (\$/HRPD)	HOURS PAID PER WEEK (HRPD/W)	POTENTIAL GNP 1972\$ (BILLION)	RATIO OF ACTUAL TO POTENTIAL GNP (%)	ACTUAL GNP 1972\$ (BILLION)
1984	178541.	66.1	117988.	4.4	112749.	8.40	35.0	1721.	94.6	1629.
1985	180209.	66.4	119697.	4.4	114418.	8.54	34.9	1775.	96.2	1707.
1986	181961.	66.8	121465.	4.4	116121.	8.68	34.9	1830.	97.2	1778.
1987	183726.	67.0	123187.	4.4	117791.	8.83	34.9	1886.	98.0	1849.
1988	185042.	67.4	124653.	4.4	119218.	9.01	34.8	1945.	98.9	1923.
1989	186311.	67.8	126252.	4.3	120785.	9.18	34.8	2005.	99.8	2000.
1990	187461.	68.1	127630.	4.3	122155.	9.37	34.8	2069.	99.8	2064.
1991	188633.	68.5	129195.	4.3	123691.	9.57	34.7	2137.	99.7	2130.
1992	189740.	68.8	130485.	4.2	124952.	9.81	34.7	2210.	99.6	2202.
1993	190953.	69.1	131915.	4.2	126335.	10.05	34.7	2288.	99.5	2277.
1994	192133.	69.3	133220.	4.2	127611.	10.35	34.6	2378.	99.3	2361.
1995	193727.	69.6	134812.	4.2	129150.	10.63	34.6	2470.	99.1	2446.
2000	202734.	70.2	142328.	4.2	136350.	12.11	34.4	2956.	99.1	2928.
2005	211917.	70.0	148364.	4.2	142118.	13.85	34.2	3505.	99.1	3472.
2010	220368.	69.0	152114.	4.2	145725.	15.83	34.1	4087.	99.1	4049.
2015	227696.	67.7	154175.	4.2	147700.	18.11	33.9	4714.	99.1	4669.
2020	234740.	66.3	155691.	4.2	149121.	20.69	33.7	5412.	99.1	5361.
2025	242260.	65.2	157990.	4.3	151260.	23.64	33.6	6240.	99.1	6181.
2030	249776.	64.7	161573.	4.3	154658.	26.97	33.4	7243.	99.1	7174.
2035	256718.	64.7	166200.	4.3	159070.	30.73	33.2	8446.	99.1	8366.
2040	263092.	65.0	171085.	4.3	163763.	35.01	33.1	9856.	99.1	9763.
2045	269574.	65.3	176144.	4.3	168605.	39.91	32.9	11509.	99.1	11401.
2050	276816.	65.6	181553.	4.3	173764.	45.51	32.7	13459.	99.1	13332.
2055	285019.	65.8	187524.	4.3	179479.	51.88	32.6	15768.	99.1	15620.
2060	293999.	66.0	193897.	4.3	185579.	59.12	32.4	18487.	99.1	18313.

NOTE: 1) Full-employment reflects the assumed maximum sustainable level of economic growth.  
 2) Employment is the average weekly employed labor force during the year.  
 3) Potential GNP is calculated as the product of the full-employment values of employment, productivity, hours per week, and a value of 52 weeks per year.

TABLE 16B: ALTERNATIVE II-A GROSS NATIONAL PRODUCT AND POTENTIAL GROSS NATIONAL PRODUCT BY COMPONENT, 1984-2060

YEAR	JULY 1 U.S. POPULATION (000)	LABOR FORCE PART. RATE (%)	FULL EMPLOYMENT			PRODUC- TIVITY (\$/HRPD)	HOURS PAID PER WEEK (HRPD/W)	POTENTIAL GNP 1972\$ (BILLION)	RATIO OF ACTUAL TO POTENTIAL GNP (%)	ACTUAL GNP 1972\$ (BILLION)
			LABOR FORCE (000)	UNEM- PLOYMENT RATE (%)	EMPLOYMENT (000)					
1984	178454.	66.0	117775.	4.4	112546.	8.41	34.9	1718.	94.1	1618.
1985	180099.	66.2	119307.	4.4	114046.	8.54	34.9	1766.	95.2	1682.
1986	181842.	66.5	120902.	4.4	115582.	8.68	34.8	1816.	95.9	1742.
1987	183609.	66.7	122456.	4.4	117092.	8.83	34.7	1867.	96.6	1803.
1988	184938.	66.9	123766.	4.4	118370.	9.00	34.7	1919.	97.2	1866.
1989	186232.	67.2	125140.	4.3	119721.	9.16	34.6	1973.	97.9	1931.
1990	187415.	67.5	126457.	4.3	121032.	9.34	34.5	2030.	98.5	1998.
1991	188630.	67.7	127794.	4.3	122350.	9.54	34.4	2091.	98.5	2060.
1992	189786.	68.0	128979.	4.2	123510.	9.76	34.4	2156.	98.4	2122.
1993	191054.	68.1	130190.	4.2	124683.	9.99	34.3	2222.	98.4	2186.
1994	192295.	68.3	131338.	4.2	125809.	10.24	34.2	2293.	98.3	2252.
1995	193950.	68.5	132765.	4.2	127189.	10.47	34.2	2366.	98.1	2321.
2000	203201.	68.7	139652.	4.2	133801.	11.71	33.8	2757.	98.1	2705.
2005	212045.	68.4	145107.	4.2	139027.	13.16	33.5	3186.	98.1	3126.
2010	219531.	67.3	147812.	4.2	141648.	14.80	33.2	3615.	98.1	3547.
2015	225367.	65.8	148292.	4.1	142153.	16.65	32.8	4041.	98.1	3965.
2020	230423.	64.1	147769.	4.1	141651.	18.73	32.5	4485.	98.1	4400.
2025	235303.	62.7	147458.	4.2	141309.	21.06	32.2	4980.	98.1	4886.
2030	239651.	61.7	147880.	4.2	141699.	23.65	31.9	5552.	98.1	5447.
2035	242944.	61.3	148910.	4.2	142686.	26.54	31.5	6210.	98.1	6093.
2040	245099.	61.1	149794.	4.2	143548.	29.78	31.2	6940.	98.1	6809.
2045	246650.	61.0	150476.	4.2	144201.	33.44	30.9	7752.	98.1	7605.
2050	248191.	60.9	151196.	4.2	144876.	37.56	30.6	8661.	98.1	8498.
2055	250020.	60.9	152265.	4.2	145900.	42.18	30.3	9696.	98.1	9513.
2060	252147.	60.9	153581.	4.2	147161.	47.34	30.0	10867.	98.1	10662.

NOTE: 1) Full-employment reflects the assumed maximum sustainable level of economic growth.  
 2) Employment is the average weekly employed labor force during the year.  
 3) Potential GNP is calculated as the product of the full-employment values of employment, productivity, hours per week, and a value of 52 weeks per year.



TABLE 16C: ALTERNATIVE II-B GROSS NATIONAL PRODUCT AND POTENTIAL GROSS NATIONAL PRODUCT BY COMPONENT, 1984-2060

FULL EMPLOYMENT										
YEAR	JULY 1 U. S. POPULATION (000)	LABOR FORCE PART. RATE (%)	LABOR FORCE (000)	UNEM- PLOYMENT RATE (%)	EMPLOYMENT (000)	PRODUC- TIVITY (\$/HRPD)	HOURS PAID PER WEEK (HRPD/W)	POTENTIAL GNP 1972\$ (BILLION)	RATIO OF ACTUAL TO POTENTIAL GNP (%)	ACTUAL GNP 1972\$ (BILLION)
1984	178454.	65.9	117650.	4.4	112426.	8.41	34.9	1716.	93.9	1611.
1985	180099.	66.1	119054.	4.4	113804.	8.54	34.8	1759.	94.9	1669.
1986	181842.	66.3	120502.	4.4	115200.	8.68	34.7	1803.	95.4	1720.
1987	183609.	66.4	121905.	4.4	116566.	8.82	34.6	1848.	95.8	1771.
1988	184938.	66.5	123061.	4.4	117696.	8.98	34.5	1894.	96.3	1824.
1989	186232.	66.7	124275.	4.3	118894.	9.14	34.4	1942.	96.8	1879.
1990	187415.	66.9	125433.	4.3	120052.	9.30	34.3	1990.	97.3	1935.
1991	188630.	67.1	126618.	4.3	121224.	9.47	34.2	2040.	97.4	1987.
1992	189786.	67.3	127654.	4.2	122241.	9.65	34.1	2091.	97.3	2034.
1993	191054.	67.4	128720.	4.2	123275.	9.84	34.0	2143.	97.2	2083.
1994	192295.	67.5	129722.	4.2	124261.	10.05	33.9	2198.	97.2	2136.
1995	193950.	67.5	130998.	4.2	125496.	10.23	33.8	2254.	97.1	2190.
2000	203201.	67.6	137381.	4.2	131625.	11.22	33.3	2554.	97.1	2481.
2005	212045.	67.3	142749.	4.2	136768.	12.38	32.8	2884.	97.1	2802.
2010	219531.	66.2	145396.	4.2	139333.	13.72	32.3	3207.	97.1	3116.
2015	225367.	64.6	145680.	4.1	139634.	15.21	31.8	3511.	97.1	3411.
2020	230422.	63.0	145150.	4.1	139126.	16.86	31.3	3819.	97.1	3710.
2025	235303.	61.6	144839.	4.2	138799.	18.67	30.9	4157.	97.1	4038.
2030	239651.	60.6	145264.	4.2	139177.	20.65	30.4	4543.	97.1	4413.
2035	242944.	60.3	146376.	4.2	140257.	22.83	29.9	4984.	97.1	4842.
2040	245099.	60.1	147243.	4.2	141103.	25.24	29.5	5461.	97.1	5305.
2045	246650.	60.0	147903.	4.2	141735.	27.93	29.1	5980.	97.1	5809.
2050	248191.	59.9	148601.	4.2	142389.	30.91	28.6	6550.	97.1	6363.
2055	250020.	59.9	149647.	4.2	143392.	34.19	28.2	7187.	97.1	6982.
2060	252147.	59.9	150939.	4.2	144630.	37.80	27.8	7895.	97.1	7670.

NOTE: 1) Full-employment reflects the assumed maximum sustainable level of economic growth.  
 2) Employment is the average weekly employed labor force during the year.  
 3) Potential GNP is calculated as the product of the full-employment values of employment, productivity, hours per week, and a value of 52 weeks per year.

TABLE 16D: ALTERNATIVE III GROSS NATIONAL PRODUCT AND POTENTIAL GROSS NATIONAL PRODUCT BY COMPONENT, 1984-2060

FULL EMPLOYMENT										
YEAR	JULY 1 U.S. POPULATION (000)	LABOR FORCE PART. RATE (%)	LABOR FORCE (000)	UNEM- PLOYMENT RATE (%)	EMPLOYMENT (000)	PRODUC- TIVITY (\$/HRPD)	HOURS PAID PER WEEK* (HRPD/W)	POTENTIAL GNP 1972\$ (BILLION)	RATIO OF ACTUAL TO POTENTIAL GNP (%)	ACTUAL GNP 1972\$ (BILLION)
1984	178366.	65.9	117460.	4.4	112245.	8.41	34.9	1712.	92.8	1588.
1985	179988.	66.0	118715.	4.4	113480.	8.53	34.7	1748.	91.2	1594.
1986	181719.	66.0	120000.	4.4	114732.	8.63	34.6	1781.	91.9	1636.
1987	183485.	66.1	121227.	4.4	115917.	8.74	34.4	1815.	92.6	1680.
1988	184823.	66.1	122249.	4.4	116919.	8.87	34.3	1850.	93.3	1726.
1989	186134.	66.3	123327.	4.3	117999.	8.99	34.2	1885.	94.0	1772.
1990	187342.	66.4	124348.	4.3	119013.	9.12	34.0	1921.	94.8	1820.
1991	188588.	66.5	125395.	4.3	120053.	9.25	33.9	1957.	95.1	1862.
1992	189781.	66.5	126283.	4.2	120929.	9.39	33.8	1994.	95.0	1895.
1993	191092.	66.6	127195.	4.2	121827.	9.54	33.6	2032.	94.9	1929.
1994	192377.	66.6	128040.	4.2	122650.	9.67	33.5	2065.	95.1	1964.
1995	194079.	66.5	129151.	4.2	123727.	9.80	33.4	2104.	95.3	2004.
2000	203513.	66.3	134881.	4.2	129229.	10.56	32.7	2321.	95.3	2211.
2005	211867.	65.9	139537.	4.2	133732.	11.46	32.0	2553.	95.3	2432.
2010	218166.	64.6	140869.	4.1	135065.	12.50	31.4	2757.	95.3	2626.
2015	222279.	62.7	139364.	4.1	133692.	13.64	30.8	2919.	95.3	2780.
2020	225120.	60.6	136344.	4.0	130836.	14.88	30.2	3054.	95.3	2909.
2025	227103.	58.5	132880.	4.0	127512.	16.22	29.6	3180.	95.3	3029.
2030	228067.	56.8	129551.	4.0	124317.	17.66	29.0	3310.	95.3	3152.
2035	227608.	55.5	126421.	4.0	121339.	19.22	28.4	3447.	95.3	3283.
2040	225557.	54.6	123089.	4.0	118153.	20.95	27.9	3585.	95.3	3415.
2045	222261.	53.5	118811.	4.0	114047.	22.86	27.3	3701.	95.3	3525.
2050	218214.	52.6	114718.	4.0	110118.	24.94	26.8	3821.	95.3	3640.
2055	213816.	51.9	111017.	4.0	106554.	27.18	26.2	3950.	95.3	3762.
2060	209321.	51.4	107675.	4.0	103346.	29.61	25.7	4091.	95.3	3897.

NOTE: 1) Full-employment reflects the assumed maximum sustainable level of economic growth.  
 2) Employment is the average weekly employed labor force during the year.  
 3) Potential GNP is calculated as the product of the full-employment values of employment, productivity, hours per week, and a value of 52 weeks per year.

TABLE 17: ACTUAL GROSS NATIONAL PRODUCT BY COMPONENT, 1950-1983

-----										
ACTUAL										
-----										
YEAR	JULY 1 U. S. POPULATION (000)	LABOR FORCE PART RATE (%)	LABOR FORCE (000)	UNEM- PLOYMENT RATE (%)	EMPLOYMENT (000)	PRODUC- TIVITY (\$/HRPD)	HOURS PAID PER WEEK (HRPD/W)	REAL GNP 1972\$ (BILLION)	GNP DEFLATOR (#)	NOMINAL GNP (BILLION)
-----										
1950	106645.	59.9	63858.	5.1	60569.	4.27	39.8	535.	53.6	286.
1951	107721.	60.4	65117.	3.2	63059.	4.43	39.9	579.	57.1	331.
1952	108823.	60.4	65730.	2.9	63850.	4.54	39.9	601.	57.9	348.
1953	110601.	60.2	66560.	2.8	64723.	4.68	39.6	624.	58.8	367.
1954	111671.	60.0	66993.	5.3	63462.	4.77	39.1	616.	59.6	367.
1955	112732.	60.4	68072.	4.2	65220.	4.90	39.6	658.	60.8	400.
1956	113811.	61.0	69409.	4.0	66660.	4.93	39.3	672.	62.8	422.
1957	115065.	60.6	69729.	4.1	66870.	5.07	38.8	684.	64.9	444.
1958	116363.	60.4	70275.	6.5	65672.	5.18	38.5	681.	66.0	450.
1959	117881.	60.2	70921.	5.3	67183.	5.30	39.0	722.	67.6	488.
1960	119759.	60.2	72142.	5.3	68290.	5.38	38.6	737.	68.7	506.
1961	121343.	60.2	73031.	6.4	68321.	5.52	38.6	757.	69.3	525.
1962	122981.	59.7	73442.	5.3	69528.	5.72	38.7	800.	70.6	565.
1963	125154.	59.6	74571.	5.5	70499.	5.85	38.8	833.	71.7	597.
1964	127224.	59.6	75830.	5.0	72046.	6.04	38.7	876.	72.8	638.
1965	129236.	59.7	77178.	4.4	73813.	6.24	38.8	929.	74.4	691.
1966	131181.	60.1	78893.	3.6	76021.	6.45	38.6	985.	76.8	756.
1967	133320.	60.6	80793.	3.7	77820.	6.58	38.0	1011.	79.1	800.
1968	135563.	60.7	82272.	3.4	79458.	6.77	37.8	1058.	82.5	873.
1969	137840.	61.1	84239.	3.4	81409.	6.81	37.7	1088.	86.8	944.
1970	140274.	61.3	85959.	4.8	81867.	6.87	37.1	1086.	91.4	993.
1971	143032.	61.0	87198.	5.8	82184.	7.12	36.9	1122.	96.0	1077.
1972	146585.	61.1	89494.	5.5	84608.	7.29	37.0	1186.	100.0	1186.
1973	149423.	61.4	91756.	4.8	87388.	7.48	36.9	1254.	105.8	1326.
1974	152350.	61.8	94179.	5.5	89027.	7.38	36.5	1246.	115.1	1434.
1975	155331.	61.8	95955.	8.3	88029.	7.45	36.1	1232.	125.8	1549.
1976	158293.	62.1	98302.	7.5	90900.	7.61	36.1	1298.	132.3	1718.
1977	161167.	62.8	101142.	6.9	94153.	7.77	36.0	1370.	140.0	1918.
1978	164027.	63.6	104368.	5.9	98169.	7.87	35.8	1439.	150.4	2163.
1979	166949.	64.1	107049.	5.7	100915.	7.92	35.6	1479.	163.4	2418.
1980	169848.	64.2	109042.	7.0	101409.	7.92	35.3	1475.	178.4	2632.
1981	172272.	64.3	110812.	7.5	102534.	8.07	35.2	1514.	195.1	2954.
1982	174449.	64.4	112383.	9.5	101707.	8.07	34.8	1485.	206.9	3073.
1983	176937.	64.3	113845.	9.4	103132.	8.18	35.0	1535.	215.6	3310.

TABLE 17A: ALTERNATIVE I ACTUAL GROSS NATIONAL PRODUCT BY COMPONENT, 1984-2060

ACTUAL										
YEAR	JULY 1 U.S. POPULATION (000)	LABOR FORCE PART RATE (%)	LABOR FORCE (000)	UNEM- PLOYMENT RATE (%)	EMPLOYMENT (000)	PRODUC- TIVITY (\$/HRPD)	HOURS PAID PER WEEK (HRPD/W)	REAL GNP 1972\$ (BILLION)	GNP DEFLATOR (#)	NOMINAL GNP (BILLION)
1984	178541.	65.2	116377.	7.6	107591.	8.33	35.0	1629.	224.4	3655.
1985	180209.	65.8	118545.	6.9	110413.	8.51	34.9	1707.	233.0	3978.
1986	181961.	66.3	120610.	6.3	113036.	8.67	34.9	1778.	241.8	4299.
1987	183726.	66.7	122586.	5.9	115378.	8.84	34.9	1849.	250.4	4632.
1988	185042.	67.2	124313.	5.5	117488.	9.04	34.8	1923.	258.7	4977.
1989	186311.	67.7	126174.	5.1	119739.	9.23	34.8	2000.	266.4	5328.
1990	187461.	68.0	127548.	4.9	121298.	9.42	34.8	2064.	273.2	5638.
1991	188633.	68.4	129090.	4.9	122765.	9.61	34.7	2130.	279.1	5945.
1992	189740.	68.7	130361.	4.9	123973.	9.85	34.7	2202.	284.6	6266.
1993	190953.	69.0	131765.	4.9	125309.	10.08	34.7	2277.	290.3	6609.
1994	192133.	69.2	132997.	4.5	126972.	10.33	34.6	2361.	296.1	6992.
1995	193727.	69.4	134517.	4.6	128302.	10.60	34.6	2446.	302.0	7389.
2000	202734.	70.1	142026.	4.6	135436.	12.08	34.4	2928.	333.4	9763.
2005	211917.	69.9	148049.	4.6	141165.	13.81	34.2	3472.	368.1	12780.
2010	220368.	68.9	151783.	4.6	144725.	15.79	34.1	4049.	406.4	16455.
2015	227696.	67.6	153811.	4.6	146674.	18.06	33.9	4669.	448.7	20949.
2020	234740.	66.2	155294.	4.7	148057.	20.65	33.7	5361.	495.3	26554.
2025	242260.	65.0	157565.	4.7	150159.	23.59	33.6	6181.	546.8	33800.
2030	249776.	64.5	161134.	4.7	153496.	26.92	33.4	7174.	603.7	43311.
2035	256718.	64.6	165756.	4.7	157899.	30.67	33.2	8366.	666.5	55760.
2040	263092.	64.9	170648.	4.7	162576.	34.93	33.1	9763.	735.8	71836.
2045	269574.	65.2	175706.	4.7	167395.	39.82	32.9	11401.	812.3	92607.
2050	276816.	65.4	181106.	4.7	172522.	45.40	32.7	13332.	896.8	119560.
2055	285019.	65.6	187058.	4.7	178173.	51.77	32.6	15620.	990.0	154642.
2060	293999.	65.8	193411.	4.7	184243.	58.99	32.4	18313.	1093.0	200161.

NOTE: Actual reflects the level of economic growth as it actually has or is expected to occur.

TABLE 17B: ALTERNATIVE II-A ACTUAL GROSS NATIONAL PRODUCT BY COMPONENT, 1984-2060

ACTUAL										
YEAR	JULY 1 U. S. POPULATION (000)	LABOR FORCE PART RATE (%)	LABOR FORCE (000)	UNEM- PLOYMENT RATE (%)	EMPLOYMENT (000)	PRODUC- TIVITY (\$/HRPD)	HOURS PAID PER WEEK (HRPD/W)	REAL GNP 1972\$ (BILLION)	GNP DEFLATOR (#)	NOMINAL GNP (BILLION)
1984	178454.	65.0	116027.	7.7	107151.	8.31	34.9	1618.	224.8	3637.
1985	180099.	65.5	117878.	7.2	109438.	8.48	34.9	1682.	235.2	3956.
1986	181842.	65.8	119672.	6.9	111451.	8.64	34.8	1742.	245.8	4280.
1987	183609.	66.1	121414.	6.6	113437.	8.80	34.7	1803.	256.1	4616.
1988	184938.	66.5	122921.	6.2	115324.	8.98	34.7	1866.	266.1	4964.
1989	186232.	66.9	124498.	5.9	117178.	9.16	34.6	1931.	275.7	5323.
1990	187415.	67.2	125990.	5.5	119073.	9.35	34.5	1998.	284.8	5691.
1991	188630.	67.5	127355.	5.4	120491.	9.55	34.4	2060.	293.3	6043.
1992	189786.	67.7	128500.	5.4	121574.	9.76	34.4	2122.	302.1	6410.
1993	191054.	67.9	129696.	5.4	122705.	9.99	34.3	2186.	311.2	6803.
1994	192295.	68.0	130802.	5.0	124210.	10.19	34.2	2252.	320.5	7219.
1995	193950.	68.2	132185.	5.1	125457.	10.41	34.2	2321.	330.1	7663.
2000	203201.	68.4	139057.	5.1	131979.	11.65	33.8	2705.	382.7	10350.
2005	212045.	68.1	144497.	5.1	137157.	13.09	33.5	3126.	443.6	13865.
2010	219531.	67.0	147171.	5.0	139739.	14.72	33.2	3547.	514.2	18236.
2015	225367.	65.5	147592.	5.0	140183.	16.57	32.8	3965.	596.0	23633.
2020	230423.	63.8	147010.	5.0	139630.	18.65	32.5	4400.	690.9	30400.
2025	235303.	62.3	146649.	5.0	139243.	20.97	32.2	4886.	800.9	39129.
2030	239651.	61.4	147048.	5.1	139593.	23.56	31.9	5447.	928.4	50570.
2035	242944.	61.0	148083.	5.1	140575.	26.43	31.5	6093.	1076.1	65566.
2040	245099.	60.8	148990.	5.1	141451.	29.65	31.2	6809.	1247.5	84942.
2045	246650.	60.7	149686.	5.1	142112.	33.29	30.9	7605.	1446.0	109972.
2050	248191.	60.6	150400.	5.1	142790.	37.39	30.6	8498.	1676.2	142441.
2055	250020.	60.6	151446.	5.1	143768.	41.99	30.3	9513.	1943.0	184836.
2060	252147.	60.6	152744.	5.1	145000.	47.13	30.0	10662.	2252.3	240141.

NOTE: Actual reflects the level of economic growth as it actually has or is expected to occur.

TABLE 17C: ALTERNATIVE II-B ACTUAL GROSS NATIONAL PRODUCT BY COMPONENT, 1984-2060

YEAR	JULY 1 U.S. POPULATION (000)	LABOR FORCE PART RATE (%)	LABOR FORCE (000)	UNEM- PLOYMENT RATE (%)	EMPLOYMENT (000)	PRODUC- TIVITY (\$/HRPD)	HOURS PAID PER WEEK (HRPD/W)	REAL	GNP	NOMINAL
								1972\$ (BILLION)	DEFLATOR (#)	GNP (BILLION)
1984	178454.	64.9	115815.	7.7	106839.	8.31	34.9	1611.	225.5	3632.
1985	180099.	65.3	117520.	7.4	108871.	8.47	34.8	1669.	237.4	3963.
1986	181842.	65.5	119109.	7.1	110700.	8.61	34.7	1720.	250.5	4308.
1987	183609.	65.7	120643.	6.9	112367.	8.77	34.6	1771.	263.5	4668.
1988	184938.	65.9	121938.	6.6	113927.	8.93	34.5	1824.	275.9	5034.
1989	186232.	66.2	123295.	6.3	115552.	9.10	34.4	1879.	287.8	5408.
1990	187415.	66.5	124600.	6.1	117024.	9.28	34.3	1935.	299.3	5793.
1991	188630.	66.7	125833.	5.9	118434.	9.44	34.2	1987.	311.3	6185.
1992	189786.	66.8	126830.	5.9	119372.	9.62	34.1	2034.	323.7	6584.
1993	191054.	66.9	127875.	5.9	120356.	9.80	34.0	2083.	336.7	7014.
1994	192295.	67.0	128865.	5.6	121700.	9.97	33.9	2136.	350.1	7479.
1995	193950.	67.1	130129.	5.6	122894.	10.15	33.8	2190.	364.1	7973.
2000	203201.	67.2	136492.	5.5	128917.	11.13	33.3	2481.	443.0	10990.
2005	212045.	66.9	141833.	5.5	133990.	12.27	32.8	2802.	539.0	15100.
2010	219531.	65.8	144431.	5.5	136473.	13.60	32.3	3116.	655.7	20430.
2015	225367.	64.2	144631.	5.5	136705.	15.09	31.8	3411.	797.7	27209.
2020	230422.	62.5	144013.	5.5	136135.	16.74	31.3	3710.	970.5	36009.
2025	235303.	61.0	143625.	5.5	135726.	18.55	30.9	4038.	1180.7	47682.
2030	239651.	60.1	144015.	5.5	136051.	20.53	30.4	4413.	1436.5	63400.
2035	242944.	59.7	145134.	5.5	137108.	22.69	29.9	4842.	1747.7	84626.
2040	245099.	59.6	146035.	5.5	137974.	25.07	29.5	5305.	2126.2	112807.
2045	246650.	59.5	146719.	5.5	138635.	27.74	29.1	5809.	2586.8	150272.
2050	248191.	59.4	147406.	5.5	139269.	30.70	28.6	6363.	3147.2	200252.
2055	250020.	59.4	148421.	5.5	140213.	33.97	28.2	6982.	3828.9	267323.
2060	252147.	59.4	149687.	5.5	141424.	37.56	27.8	7670.	4658.2	357309.

NOTE: Actual reflects the level of economic growth as it actually has or is expected to occur.

TABLE 17D: ALTERNATIVE III ACTUAL GROSS NATIONAL PRODUCT BY COMPONENT, 1984-2060

ACTUAL										
YEAR	JULY 1 U.S. POPULATION (OOO)	LABOR FORCE PART RATE (%)	LABOR FORCE (OOO)	UNEM- PLOYMENT RATE (%)	EMPLOYMENT (OOO)	PRODUC- TIVITY (\$/HRPD)	HOURS PAID PER WEEK (HRPD/W)	REAL GNP 1972\$ (BILLION)	GNP DEFLATOR (#)	NOMINAL GNP (BILLION)
1984	178366.	64.6	115299.	8.0	106029.	8.26	34.9	1588.	226.8	3601.
1985	179988.	64.5	116080.	8.8	105830.	8.34	34.7	1594.	239.7	3820.
1986	181719.	64.7	117556.	8.6	107411.	8.47	34.6	1636.	254.1	4158.
1987	183485.	64.9	118991.	8.2	109186.	8.59	34.4	1680.	268.1	4505.
1988	184823.	65.1	120228.	7.9	110682.	8.74	34.3	1726.	281.8	4863.
1989	186134.	65.3	121526.	7.6	112351.	8.88	34.2	1772.	295.9	5244.
1990	187342.	65.5	122774.	7.2	113983.	9.02	34.0	1820.	310.7	5655.
1991	188588.	65.7	123924.	6.9	115423.	9.15	33.9	1862.	326.2	6073.
1992	189781.	65.7	124780.	6.9	116220.	9.29	33.8	1895.	342.5	6489.
1993	191092.	65.8	125667.	6.9	117046.	9.42	33.6	1929.	359.6	6936.
1994	192377.	65.8	126562.	6.6	118196.	9.54	33.5	1964.	377.6	7415.
1995	194079.	65.8	127719.	6.5	119417.	9.67	33.4	2004.	396.5	7944.
2000	203513.	65.6	133417.	6.4	124812.	10.42	32.7	2211.	506.0	11187.
2005	211867.	65.2	138038.	6.4	129204.	11.29	32.0	2432.	645.8	15704.
2010	218166.	63.9	139300.	6.3	130496.	12.32	31.4	2626.	824.2	21643.
2015	222279.	61.9	137670.	6.2	129079.	13.45	30.8	2780.	1052.0	29247.
2020	225120.	59.8	134514.	6.2	126174.	14.69	30.2	2909.	1342.6	39058.
2025	227103.	57.7	130934.	6.2	122842.	16.03	29.6	3029.	1713.5	51904.
2030	228067.	55.9	127566.	6.2	119682.	17.47	29.0	3152.	2187.0	68940.
2035	227608.	54.7	124465.	6.2	116786.	19.02	28.4	3283.	2791.2	91633.
2040	225557.	53.7	121219.	6.1	113764.	20.72	27.9	3415.	3562.3	121639.
2045	222261.	52.6	117014.	6.1	109829.	22.61	27.3	3525.	4546.5	160275.
2050	218214.	51.8	112933.	6.1	105988.	24.68	26.8	3640.	5802.7	211194.
2055	213816.	51.1	109225.	6.1	102508.	26.91	26.2	3762.	7405.8	278616.
2060	209321.	50.6	105900.	6.1	99387.	29.33	25.7	3897.	9451.9	368307.

NOTE: Actual reflects the level of economic growth as it actually has or is expected to occur.

TABLE 18: GNP, REAL GNP, GNP PRICE DEFLATOR, AND THEIR INCREASES: 1951-1983

YEAR	GROSS NATIONAL PRODUCT			REAL GNP	POTENTIAL GNP	GNP PRICE DEFLATOR	PRICE DEFLATOR INCREASE	REAL TO POTENTIAL GNP	GNP INCREASE	REAL GNP INCREASE
	TOTAL	EE	SE							
1951	330779	278679	52100	579400	562000	57.09	6.59	1.0310	15.48	8.34
1952	347983	295483	52500	600800	586600	57.92	1.45	1.0242	5.20	3.69
1953	366802	315702	51100	623600	610000	58.82	1.55	1.0223	5.41	3.79
1954	366888	316088	50800	616100	631600	59.55	1.24	.9755	.02	-1.20
1955	400023	346923	53100	657500	653400	60.84	2.17	1.0063	9.03	6.72
1956	421698	367098	54600	671600	675900	62.79	3.21	.9936	5.42	2.14
1957	443991	387691	56300	683800	699300	64.93	3.41	.9778	5.29	1.82
1958	449666	390466	59200	680900	723500	66.04	1.71	.9411	1.28	-.42
1959	487869	428569	59300	721700	748500	67.60	2.36	.9642	8.50	5.99
1960	506456	447956	58500	737200	774400	68.70	1.63	.9520	3.81	2.15
1961	524551	464251	60300	756600	801200	69.33	.92	.9443	3.57	2.63
1962	565092	503492	61600	800300	829000	70.61	1.85	.9654	7.73	5.78
1963	596653	534353	62300	832500	859700	71.67	1.50	.9684	5.59	4.02
1964	637756	572956	64800	876400	892900	72.77	1.53	.9815	6.89	5.27
1965	691027	620927	70100	929300	927600	74.36	2.18	1.0018	8.35	6.04
1966	755932	682032	73900	984800	963500	76.76	3.23	1.0221	9.39	5.97
1967	799613	723713	75900	1011400	999200	79.06	3.00	1.0122	5.78	2.70
1968	873356	792756	80600	1058100	1035000	82.54	4.40	1.0223	9.22	4.62
1969	943928	858928	85000	1087600	1072000	86.79	5.15	1.0146	8.08	2.79
1970	992781	906981	85800	1085600	1110400	91.45	5.37	.9777	5.18	-.18
1971	1077485	985885	91600	1122380	1150250	96.00	4.98	.9758	8.53	3.39
1972	1185663	1084963	100700	1185900	1191720	99.98	4.15	.9951	10.04	5.66
1973	1326369	1203869	122500	1254250	1234900	105.75	5.77	1.0157	11.87	5.76
1974	1434468	1312268	122200	1246280	1277530	115.10	8.84	.9755	8.15	-.64
1975	1548800	1421300	127500	1231650	1320620	125.75	9.25	.9326	7.97	-1.17
1976	1717805	1583605	134200	1298220	1365120	132.32	5.22	.9510	10.91	5.40
1977	1917580	1767780	149800	1369700	1411350	140.00	5.80	.9705	11.63	5.51
1978	2162860	1992060	170800	1438550	1459250	150.35	7.39	.9858	12.79	5.03
1979	2417668	2222468	195200	1479420	1504600	163.42	8.69	.9833	11.78	2.84
1980	2631954	2444854	187100	1474980	1548480	178.44	9.19	.9525	8.86	-.30
1981	2954068	2753868	200200	1513820	1591950	195.14	9.36	.9509	12.24	2.63
1982	3072954	2883454	189500	1485380	1634220	206.88	6.02	.9089	4.02	-1.88
1983	3310026	3098826	211200	1535120	1674000	215.62	4.22	.9170	7.71	3.35



TABLE 18A: GNP, REAL GNP, GNP PRICE DEFLATOR, AND THEIR INCREASES: 1984-2060  
(ALTERNATIVE I 1984 TRUSTEES REPORT)

YEAR	GROSS NATIONAL PRODUCT			REAL GNP	POTENTIAL GNP	GNP PRICE DEFLATOR	PRICE DEFLATOR INCREASE	REAL TO POTENTIAL GNP	GNP INCREASE	REAL GNP INCREASE
	TOTAL	EE	SE							
1984	3654897	3416530	238367	1628760	1721370	224.40	4.07	.9462	10.42	6.10
1985	3977657	3730626	247031	1706985	1774781	233.02	3.84	.9618	8.83	4.80
1986	4299489	4039921	259568	1778395	1829812	241.76	3.75	.9719	8.09	4.18
1987	4632044	4364781	267263	1849490	1886464	250.45	3.59	.9804	7.73	4.00
1988	4976841	4696327	280514	1923456	1944849	258.74	3.31	.9890	7.44	4.00
1989	5328256	5034348	293908	2000267	2005080	266.38	2.95	.9976	7.06	3.99
1990	5638383	5336980	301403	2064040	2069213	273.17	2.55	.9975	5.82	3.19
1991	5944838	5634463	310375	2130330	2137383	279.06	2.15	.9967	5.44	3.21
1992	6265946	5943375	322571	2201535	2210155	284.62	1.99	.9961	5.40	3.34
1993	6608966	6273040	335926	2276543	2287523	290.31	2.00	.9952	5.47	3.41
1994	6992292	6637905	354387	2361387	2378273	296.11	2.00	.9929	5.80	3.73
1995	7388859	7014373	374486	2446424	2469638	302.03	2.00	.9906	5.67	3.60
2000	9762570	9267778	494792	2927869	2955652	333.44	2.00	.9906	5.77	3.70
2005	12779974	12132252	647722	3471768	3504713	368.11	2.00	.9906	5.47	3.41
2010	16455148	15621159	833989	4049075	4087497	406.39	2.00	.9906	5.09	3.03
2015	20948771	19887033	1061738	4669235	4713543	448.66	2.00	.9906	4.90	2.84
2020	26553647	25207840	1345807	5360985	5411857	495.31	2.00	.9906	4.86	2.80
2025	33799666	32086612	1713054	6181105	6239758	546.82	2.00	.9906	4.98	2.92
2030	43311212	41116089	2195123	7174428	7242507	603.69	2.00	.9906	5.11	3.05
2035	55759547	52933510	2826037	8366415	8445805	666.47	2.00	.9906	5.17	3.10
2040	71835619	68194806	3640814	9763224	9855869	735.78	2.00	.9906	5.17	3.11
2045	92607471	87913887	4693584	11400730	11508913	812.29	2.00	.9906	5.20	3.14
2050	119559940	113500336	6059605	13332314	13458827	896.77	2.00	.9906	5.24	3.18
2055	154641664	146804028	7837637	15619949	15768169	990.03	2.00	.9906	5.29	3.23
2060	200160864	190016198	10144667	18313253	18487031	1092.98	2.00	.9906	5.29	3.23

TABLE 18B: GNP, REAL GNP, GNP PRICE DEFLATOR, AND THEIR INCREASES: 1984-2060  
(ALTERNATIVE II-A 1984 TRUSTEES REPORT)

YEAR	GROSS NATIONAL PRODUCT			REAL GNP	POTENTIAL GNP	GNP PRICE DEFLATOR	PRICE DEFLATOR INCREASE	REAL TO POTENTIAL GNP	GNP INCREASE	REAL GNP INCREASE
	TOTAL	EE	SE							
1984	3636882	3400330	236552	1617562	1718251	224.84	4.27	.9414	9.87	5.37
1985	3956399	3710551	245848	1682181	1766440	235.19	4.61	.9523	8.79	3.99
1986	4280247	4020003	260244	1741570	1815837	245.77	4.50	.9591	8.19	3.53
1987	4615998	4346271	269727	1802512	1866728	256.09	4.20	.9656	7.84	3.50
1988	4963963	4679591	284372	1865631	1918978	266.07	3.90	.9722	7.54	3.50
1989	5322785	5023355	299430	1930947	1972568	275.66	3.60	.9789	7.23	3.50
1990	5690809	5377832	312977	1998499	2029757	284.75	3.30	.9846	6.91	3.50
1991	6042635	5719334	323301	2060266	2090579	293.29	3.00	.9855	6.18	3.09
1992	6409568	6073450	336118	2121749	2155591	302.09	3.00	.9843	6.07	2.98
1993	6802775	6450413	352362	2186288	2222289	311.16	3.00	.9838	6.13	3.04
1994	7218938	6846033	372905	2252424	2292543	320.50	3.00	.9825	6.12	3.03
1995	7663153	7267302	395851	2321421	2366141	330.11	3.00	.9811	6.15	3.06
2000	10350092	9815443	534649	2704819	2756925	382.65	3.00	.9811	6.22	3.13
2005	13864987	13148771	716216	3125799	3186015	443.57	3.00	.9811	5.96	2.88
2010	18235664	17293674	941990	3546589	3614910	514.17	3.00	.9811	5.51	2.44
2015	23632662	22411882	1220780	3965057	4041441	596.02	3.00	.9811	5.25	2.18
2020	30400016	28829659	1570357	4400057	4484820	690.90	3.00	.9811	5.14	2.08
2025	39128841	37107584	2021257	4885726	4979845	800.88	3.00	.9811	5.18	2.12
2030	50569567	47957322	2612245	5447145	5552080	928.37	3.00	.9811	5.27	2.21
2035	65565632	62178744	3386888	6092613	6209982	1076.15	3.00	.9811	5.30	2.23
2040	84941593	80553811	4387782	6809189	6940362	1247.46	3.00	.9811	5.28	2.21
2045	109972373	104291590	5680784	7605122	7751628	1446.03	3.00	.9811	5.28	2.21
2050	142441070	135083070	7358002	8497779	8661481	1676.22	3.00	.9811	5.30	2.23
2055	184835744	175287784	9547960	9512700	9695953	1943.04	3.00	.9811	5.36	2.30
2060	240140866	227736040	12404827	10661825	10867215	2252.34	3.00	.9811	5.38	2.31

TABLE 18C: GNP, REAL GNP, GNP PRICE DEFLATOR, AND THEIR INCREASES: 1984-2060  
(ALTERNATIVE II-B 1984 TRUSTEES REPORT)

YEAR	GROSS NATIONAL PRODUCT			REAL GNP	POTENTIAL GNP	GNP PRICE DEFLATOR	PRICE DEFLATOR INCREASE	REAL TO POTENTIAL GNP	GNP INCREASE	REAL GNP INCREASE
	TOTAL	EE	SE							
1984	3631985	3396441	235544	1610709	1716076	225.49	4.58	.9386	9.73	4.92
1985	3963012	3716557	246455	1669061	1758943	237.44	5.30	.9489	9.11	3.62
1986	4307615	4044829	262786	1719628	1802923	250.50	5.50	.9538	8.70	3.03
1987	4667631	4393341	274290	1771217	1848098	263.53	5.20	.9584	8.36	3.00
1988	5033677	4742933	290744	1824380	1894279	275.91	4.70	.9631	7.84	3.00
1989	5407551	5100077	307474	1879097	1941617	287.77	4.30	.9678	7.43	3.00
1990	5792552	5469367	323185	1935488	1990015	299.28	4.00	.9726	7.12	3.00
1991	6184966	5847697	337269	1987115	2039740	311.25	4.00	.9742	6.77	2.67
1992	6584169	6231664	352505	2034028	2090686	323.70	4.00	.9729	6.45	2.36
1993	7013996	6642473	371523	2083462	2143039	336.65	4.00	.9722	6.53	2.43
1994	7479258	7084562	394696	2136209	2198198	350.12	4.00	.9718	6.63	2.53
1995	7972958	7552208	420750	2189648	2253883	364.12	4.00	.9715	6.60	2.50
2000	10990479	10410488	579991	2480958	2553739	442.99	4.00	.9715	6.65	2.55
2005	15100155	14303288	796867	2801767	2883960	538.95	4.00	.9715	6.57	2.47
2010	20430235	19352088	1078147	3115817	3207223	655.69	4.00	.9715	6.11	2.03
2015	27208902	25773031	1435871	3410811	3510870	797.73	4.00	.9715	5.82	1.75
2020	36008889	34108624	1900265	3710259	3819104	970.52	4.00	.9715	5.73	1.67
2025	47681886	45165612	2516274	4038275	4156742	1180.75	4.00	.9715	5.78	1.72
2030	63399617	60053886	3345731	4413439	4542911	1436.51	4.00	.9715	5.87	1.80
2035	84626176	80160275	4465902	4842204	4984256	1747.68	4.00	.9715	5.91	1.84
2040	112806740	106853691	5953049	5305440	5461081	2126.25	4.00	.9715	5.88	1.81
2045	150272072	142341900	7930174	5809150	5979568	2586.82	4.00	.9715	5.88	1.81
2050	200251504	189683812	10567694	6362943	6549607	3147.15	4.00	.9715	5.90	1.83
2055	267322742	253215558	14107184	6981780	7186598	3828.86	4.00	.9715	5.96	1.89
2060	357308568	338452644	18855926	7670464	7895485	4658.24	4.00	.9715	5.98	1.91

TABLE 18D: GNP, REAL GNP, GNP PRICE DEFLATOR, AND THEIR INCREASES: 1984-2060  
(ALTERNATIVE III 1984 TRUSTEES REPORT)

YEAR	GROSS NATIONAL PRODUCT			REAL GNP	POTENTIAL GNP	GNP PRICE DEFLATOR	PRICE DEFLATOR INCREASE	REAL TO POTENTIAL GNP	GNP INCREASE	REAL GNP INCREASE
	TOTAL	EE	SE							
1984	3600710	3369781	230929	1587563	1711658	226.81	5.19	.9275	8.78	3.42
1985	3820388	3585392	234996	1593556	1747512	239.74	5.70	.9119	6.10	.38
1986	4158265	3899243	259022	1636357	1781360	254.12	6.00	.9186	8.84	2.69
1987	4505294	4230850	274444	1680472	1815157	268.10	5.50	.9258	8.35	2.70
1988	4862762	4571613	291149	1725795	1849727	281.77	5.10	.9330	7.93	2.70
1989	5243883	4934660	309223	1772425	1884757	295.86	5.00	.9404	7.84	2.70
1990	5654847	5327272	327575	1820289	1920541	310.66	5.00	.9478	7.84	2.70
1991	6072512	5728553	343959	1861655	1957165	326.19	5.00	.9512	7.39	2.27
1992	6489094	6128462	360632	1894648	1994367	342.50	5.00	.9500	6.86	1.77
1993	6936162	6554565	381597	1928756	2032195	359.62	5.00	.9491	6.89	1.80
1994	7414890	7007989	406901	1963711	2065325	377.60	5.00	.9508	6.90	1.81
1995	7943798	7507873	435925	2003604	2103521	396.48	5.00	.9525	7.13	2.03
2000	11187314	10573397	613917	2210869	2321122	506.01	5.00	.9525	7.09	1.99
2005	15703502	14841754	861748	2431573	2552832	645.82	5.00	.9525	7.03	1.93
2010	21643125	20455434	1187691	2625816	2756762	824.24	5.00	.9525	6.47	1.40
2015	29246789	27641838	1604951	2780199	2918845	1051.97	5.00	.9525	6.09	1.04
2020	39058040	36914686	2143354	2909121	3054195	1342.61	5.00	.9525	5.88	.84
2025	51904024	49055732	2848292	3029046	3180101	1713.54	5.00	.9525	5.81	.77
2030	68940491	65157304	3783188	3152337	3309541	2186.96	5.00	.9525	5.82	.78
2035	91633498	86605006	5028492	3282964	3446681	2791.18	5.00	.9525	5.80	.76
2040	121638671	114963611	6675060	3414578	3584859	3562.33	5.00	.9525	5.76	.72
2045	160275486	151480188	8795300	3525218	3701017	4546.54	5.00	.9525	5.62	.59
2050	211194232	199604710	11589524	3639607	3821110	5802.67	5.00	.9525	5.64	.61
2055	278616288	263326904	15289386	3762118	3949731	7405.84	5.00	.9525	5.72	.69
2060	368307136	348095864	20211273	3896634	4090954	9451.93	5.00	.9525	5.76	.72

TABLE 19: RATIOS OF THE LINKAGES BETWEEN GNP AND EFFECTIVE TAXABLE PAYROLL: 1951-1983

YEAR	EMPLOYEE COMPENSATN TO GROSS NATIONAL PRODUCT	WAGES TO EMPLOYEE COMPENSATN	COVERED WAGES TO WAGES	TAXABLE WAGES TO COVERED WAGES	EMPLOYEE TAXABLE WAGES TO TAXABLE WAGES	EMPLOYER TAXABLE WAGES TO TAXABLE WAGES	SELF- EMPLOYMENT INCOME TO GNP	COVERED SE INCOME TO SE INCOME	EFFECTIVE TAXABLE SE INCOME TO COVERED SE INCOME	EFFECTIVE TAXABLE PAYROLL TO GNP
1951	.54719	.94641	.77350	.83925	.97932	1.00045	.13060	.37963	.43537	.35436
1952	.56238	.94686	.77442	.82843	.97552	1.00000	.12472	.37788	.44634	.35848
1953	.57143	.94704	.78589	.80667	.97282	1.00000	.11396	.40670	.44250	.35892
1954	.56802	.94434	.78811	.79568	.97529	1.00000	.11230	.40777	.45134	.35288
1955	.56222	.94131	.81058	.82640	.97976	1.00000	.10724	.57110	.48153	.38041
1956	.57743	.93758	.82567	.81172	.97621	1.00000	.10410	.64465	.46935	.39002
1957	.57771	.93294	.85875	.79800	.97524	1.00000	.10203	.62693	.45924	.39416
1958	.57420	.93145	.86486	.78433	.97652	1.00000	.10608	.59748	.46263	.38787
1959	.57310	.92597	.86945	.81573	.97860	1.00000	.09757	.62815	.46881	.40108
1960	.58228	.92201	.86797	.79907	.97762	1.00000	.09320	.61864	.57825	.40153
1961	.57878	.92062	.86118	.79290	.97679	1.00000	.09265	.61728	.55117	.39114
1962	.57530	.91664	.86477	.77660	.97412	1.00000	.08830	.62725	.45456	.37475
1963	.57471	.91397	.86343	.76438	.97317	1.00000	.08464	.62772	.43961	.36537
1964	.57702	.91332	.86552	.74744	.97038	1.00000	.08232	.64000	.42030	.35802
1965	.57378	.91299	.86022	.74127	.96703	1.00000	.08234	.70826	.36779	.34998
1966	.58114	.90690	.87023	.83029	.97857	.99885	.08003	.73554	.41776	.40109
1967	.58954	.90581	.88407	.80972	.97710	.99892	.07654	.73203	.41012	.40067
1968	.59529	.90325	.88075	.84260	.98143	.99902	.07328	.72500	.44967	.41903
1969	.60693	.90016	.88365	.82293	.97741	.99907	.07098	.70299	.43854	.41450
1970	.61645	.89657	.88136	.80372	.97684	.99905	.06668	.72508	.42062	.40712
1971	.60528	.89166	.87528	.78497	.97631	.99899	.06439	.72639	.40789	.38532
1972	.60639	.88347	.88681	.80250	.97960	.99895	.06482	.74945	.41745	.39745
1973	.60411	.87685	.88870	.83832	.98348	.99897	.07072	.71432	.41360	.41208
1974	.61172	.87205	.89073	.87207	.98837	.99893	.06185	.78104	.43220	.43262
1975	.60135	.86581	.88940	.86601	.98928	.99874	.05812	.78205	.43750	.41850
1976	.60329	.85872	.89581	.86453	.98912	.99851	.05476	.81640	.44652	.41869
1977	.60079	.85339	.89457	.86879	.98901	.99847	.05416	.77609	.46319	.41544
1978	.60156	.85043	.89753	.86215	.98890	.99856	.05481	.78706	.44830	.41272
1979	.60312	.84864	.90122	.89670	.99140	.99869	.05464	.73811	.49107	.43138
1980	.60777	.84810	.89987	.90433	.99327	.99890	.04462	.80888	.51787	.43651
1981	.59892	.84400	.90474	.90526	.99393	.99941	.04068	.77643	.58900	.43123
1982	.60712	.84050	.89791	.90903	.99485	.99920	.03546	.83322	.60783	.43323
1983	.60121	.83618	.89784	.91710	.99550	.99802	.03761	.83133	.61035	.44946

TABLE 19A: RATIOS OF THE LINKAGES BETWEEN GNP AND EFFECTIVE TAXABLE PAYROLL: 1984-2060  
(ALTERNATIVE I 1984 TRUSTEES REPORT)

YEAR	EMPLOYEE COMPENSATN TO GROSS NATIONAL PRODUCT	WAGES TO EMPLOYEE COMPENSATN	COVERED WAGES TO WAGES	TAXABLE WAGES TO COVERED WAGES	EMPLOYEE TAXABLE WAGES TO TAXABLE WAGES	EMPLOYER TAXABLE WAGES TO TAXABLE WAGES	SELF- EMPLOYMENT INCOME TO GNP	COVERED SE INCOME TO SE INCOME	EFFECTIVE TAXABLE SE INCOME TO COVERED SE INCOME	EFFECTIVE TAXABLE PAYROLL TO GNP
1984	.59544	.83733	.91069	.91624	.99502	.99699	.03844	.81657	.81979	.44093
1985	.60163	.82535	.91597	.91458	.99462	.99691	.03719	.81002	.82633	.43991
1986	.59947	.82566	.91965	.91588	.99452	.99674	.03628	.80390	.83551	.44020
1987	.59911	.82610	.92151	.91564	.99436	.99689	.03486	.79871	.84190	.43993
1988	.59982	.82335	.92316	.91596	.99425	.99687	.03434	.79280	.84622	.43946
1989	.59916	.82257	.92471	.91619	.99411	.99686	.03382	.78754	.85020	.43895
1990	.60172	.81947	.92544	.90934	.99353	.99680	.03314	.72579	.85968	.43425
1991	.60247	.81724	.92665	.91877	.99428	.99677	.03264	.72500	.87386	.43858
1992	.60288	.81474	.92763	.91246	.99379	.99895	.03245	.71969	.86831	.43510
1993	.60357	.81203	.92863	.91946	.99434	.99893	.03232	.71828	.87762	.43800
1994	.60500	.81121	.93108	.91600	.99454	.99891	.03230	.71800	.89000	.43837
1995	.60500	.81040	.93211	.91600	.99454	.99891	.03230	.71800	.89000	.43838
2000	.60500	.80636	.93787	.91600	.99454	.99891	.03230	.71800	.89000	.43874
2005	.60500	.80233	.94225	.91600	.99454	.99891	.03230	.71800	.89000	.43851
2010	.60500	.79833	.94491	.91600	.99454	.99891	.03230	.71800	.89000	.43754
2015	.60500	.79435	.94610	.91600	.99454	.99891	.03230	.71800	.89000	.43594
2020	.60500	.79038	.94610	.91600	.99454	.99891	.03230	.71800	.89000	.43383
2025	.60500	.78644	.94610	.91600	.99454	.99891	.03230	.71800	.89000	.43174
2030	.60500	.78251	.94610	.91600	.99454	.99891	.03230	.71800	.89000	.42966
2035	.60500	.77861	.94610	.91600	.99454	.99891	.03230	.71800	.89000	.42760
2040	.60500	.77472	.94610	.91600	.99454	.99891	.03230	.71800	.89000	.42556
2045	.60500	.77086	.94610	.91600	.99454	.99891	.03230	.71800	.89000	.42353
2050	.60500	.76701	.94610	.91600	.99454	.99891	.03230	.71800	.89000	.42151
2055	.60500	.76319	.94610	.91600	.99454	.99891	.03230	.71800	.89000	.41950
2060	.60500	.75938	.94610	.91600	.99454	.99891	.03230	.71800	.89000	.41750

TABLE 19B: RATIOS OF THE LINKAGES BETWEEN GNP AND EFFECTIVE TAXABLE PAYROLL: 1984-2060  
(ALTERNATIVE II-A 1984 TRUSTEES REPORT)

YEAR	EMPLOYEE COMPENSATN TO GROSS NATIONAL PRODUCT	WAGES TO EMPLOYEE COMPENSATN	COVERED WAGES TO WAGES	TAXABLE WAGES TO COVERED WAGES	EMPLOYEE TAXABLE WAGES TO TAXABLE WAGES	EMPLOYER TAXABLE WAGES TO TAXABLE WAGES	SELF- EMPLOYMENT INCOME TO GNP	COVERED SE INCOME TO SE INCOME	EFFECTIVE TAXABLE SE INCOME TO COVERED SE INCOME	EFFECTIVE TAXABLE PAYROLL TO GNP
1984	.59694	.83686	.91044	.91632	.99507	.99698	.03843	.81681	.82012	.44167
1985	.60285	.82472	.91550	.91420	.99473	.99689	.03729	.80942	.82524	.44008
1986	.60046	.82473	.91904	.91500	.99466	.99672	.03661	.80222	.83246	.43986
1987	.59991	.82472	.92092	.91545	.99458	.99687	.03538	.79644	.83874	.43967
1988	.60054	.82164	.92268	.91541	.99446	.99685	.03498	.78987	.84185	.43890
1989	.59959	.82068	.92438	.91607	.99440	.99685	.03455	.78415	.84585	.43842
1990	.60043	.81697	.92554	.91652	.99432	.99684	.03407	.72362	.86329	.43618
1991	.60186	.81357	.92703	.91694	.99432	.99680	.03346	.71961	.86699	.43584
1992	.60232	.81029	.92806	.91761	.99438	.99898	.03306	.71570	.87120	.43543
1993	.60293	.80699	.92907	.91724	.99435	.99895	.03294	.71140	.87146	.43420
1994	.60400	.80538	.93151	.91600	.99454	.99891	.03290	.71100	.87500	.43469
1995	.60400	.80377	.93255	.91600	.99454	.99891	.03290	.71100	.87500	.43429
2000	.60400	.79576	.93831	.91600	.99454	.99891	.03290	.71100	.87500	.43258
2005	.60400	.78784	.94269	.91600	.99454	.99891	.03290	.71100	.87500	.43029
2010	.60400	.77999	.94535	.91600	.99454	.99891	.03290	.71100	.87500	.42729
2015	.60400	.77222	.94655	.91600	.99454	.99891	.03290	.71100	.87500	.42370
2020	.60400	.76453	.94655	.91600	.99454	.99891	.03290	.71100	.87500	.41965
2025	.60400	.75692	.94655	.91600	.99454	.99891	.03290	.71100	.87500	.41565
2030	.60400	.74938	.94655	.91600	.99454	.99891	.03290	.71100	.87500	.41170
2035	.60400	.74191	.94655	.91600	.99454	.99891	.03290	.71100	.87500	.40778
2040	.60400	.73452	.94655	.91600	.99454	.99891	.03290	.71100	.87500	.40391
2045	.60400	.72721	.94655	.91600	.99454	.99891	.03290	.71100	.87500	.40009
2050	.60400	.71996	.94655	.91600	.99454	.99891	.03290	.71100	.87500	.39630
2055	.60400	.71279	.94655	.91600	.99454	.99891	.03290	.71100	.87500	.39255
2060	.60400	.70569	.94655	.91600	.99454	.99891	.03290	.71100	.87500	.38884

TABLE 19C: RATIOS OF THE LINKAGES BETWEEN GNP AND EFFECTIVE TAXABLE PAYROLL: 1984-2060  
(ALTERNATIVE II-B 1984 TRUSTEES REPORT)

YEAR	EMPLOYEE COMPENSATN TO GROSS NATIONAL PRODUCT	WAGES TO EMPLOYEE COMPENSATN	COVERED WAGES TO WAGES	TAXABLE WAGES TO COVERED WAGES	EMPLOYEE TAXABLE WAGES TO TAXABLE WAGES	EMPLOYER TAXABLE WAGES TO TAXABLE WAGES	SELF- EMPLOYMENT INCOME TO GNP	COVERED SE INCOME TO SE INCOME	EFFECTIVE TAXABLE SE INCOME TO COVERED SE INCOME	EFFECTIVE TAXABLE PAYROLL TO GNP
1984	.59781	.83517	.91023	.91645	.99511	.99697	.03836	.81683	.82042	.44139
1985	.60293	.82308	.91530	.91389	.99476	.99689	.03733	.80847	.82431	.43905
1986	.60088	.82296	.91897	.91376	.99465	.99674	.03677	.79991	.82993	.43862
1987	.60027	.82284	.92094	.91333	.99454	.99689	.03561	.79287	.83479	.43796
1988	.60090	.81965	.92277	.91367	.99448	.99689	.03531	.78573	.83816	.43738
1989	.59987	.81854	.92455	.91478	.99447	.99689	.03496	.77960	.84241	.43709
1990	.60041	.81461	.92579	.91571	.99445	.99689	.03459	.71900	.86009	.43484
1991	.60136	.81113	.92749	.91613	.99444	.99686	.03411	.71415	.86316	.43427
1992	.60188	.80800	.92869	.91608	.99444	.99900	.03376	.70934	.86649	.43369
1993	.60237	.80534	.92986	.91633	.99447	.99898	.03369	.70463	.86762	.43312
1994	.60310	.80293	.93231	.91500	.99454	.99891	.03360	.70200	.86800	.43270
1995	.60310	.80052	.93335	.91500	.99454	.99891	.03360	.70200	.86800	.43189
2000	.60310	.78858	.93911	.91500	.99454	.99891	.03360	.70200	.86800	.42814
2005	.60310	.77682	.94350	.91500	.99454	.99891	.03360	.70200	.86800	.42385
2010	.60310	.76524	.94616	.91500	.99454	.99891	.03360	.70200	.86800	.41890
2015	.60310	.75383	.94736	.91500	.99454	.99891	.03360	.70200	.86800	.41341
2020	.60310	.74259	.94736	.91500	.99454	.99891	.03360	.70200	.86800	.40752
2025	.60310	.73152	.94736	.91500	.99454	.99891	.03360	.70200	.86800	.40173
2030	.60310	.72061	.94736	.91500	.99454	.99891	.03360	.70200	.86800	.39602
2035	.60310	.70987	.94736	.91500	.99454	.99891	.03360	.70200	.86800	.39041
2040	.60310	.69928	.94736	.91500	.99454	.99891	.03360	.70200	.86800	.38488
2045	.60310	.68886	.94736	.91500	.99454	.99891	.03360	.70200	.86800	.37944
2050	.60310	.67858	.94736	.91500	.99454	.99891	.03360	.70200	.86800	.37409
2055	.60310	.66847	.94736	.91500	.99454	.99891	.03360	.70200	.86800	.36881
2060	.60310	.65850	.94736	.91500	.99454	.99891	.03360	.70200	.86800	.36361



TABLE 19D: RATIOS OF THE LINKAGES BETWEEN GNP AND EFFECTIVE TAXABLE PAYROLL: 1984-2060  
(ALTERNATIVE III 1984 TRUSTEES REPORT)

YEAR	EMPLOYEE COMPENSATN TO GROSS NATIONAL PRODUCT	WAGES TO EMPLOYEE COMPENSATN	COVERED WAGES TO WAGES	TAXABLE WAGES TO COVERED WAGES	EMPLOYEE TAXABLE WAGES TO TAXABLE WAGES	EMPLOYER TAXABLE WAGES TO TAXABLE WAGES	SELF- EMPLOYMENT INCOME TO GNP	COVERED SE INCOME TO SE INCOME	EFFECTIVE TAXABLE SE INCOME TO COVERED SE INCOME	EFFECTIVE TAXABLE PAYROLL TO GNP
1984	.60061	.82989	.90931	.91742	.99524	.99694	.03808	.81771	.82234	.44064
1985	.60642	.81990	.91262	.91609	.99543	.99678	.03711	.81091	.82769	.43980
1986	.60199	.81742	.91611	.91497	.99530	.99660	.03767	.79970	.82501	.43643
1987	.60108	.81557	.91844	.91417	.99513	.99675	.03705	.79155	.82589	.43488
1988	.60118	.81245	.92099	.91480	.99504	.99675	.03670	.78417	.82982	.43440
1989	.59957	.81178	.92355	.91476	.99492	.99676	.03632	.77708	.83272	.43364
1990	.59973	.80902	.92542	.91487	.99480	.99678	.03596	.71559	.85018	.43155
1991	.60079	.80704	.92749	.91439	.99469	.99678	.03547	.70972	.85270	.43151
1992	.60159	.80501	.92883	.91439	.99469	.99898	.03511	.70420	.85684	.43175
1993	.60208	.80278	.93008	.91477	.99473	.99897	.03505	.69884	.85835	.43149
1994	.60280	.79957	.93253	.91500	.99475	.99891	.03500	.69500	.86000	.43137
1995	.60280	.79637	.93356	.91500	.99475	.99891	.03500	.69500	.86000	.43015
2000	.60280	.78057	.93933	.91500	.99475	.99891	.03500	.69500	.86000	.42438
2005	.60280	.76508	.94372	.91500	.99475	.99891	.03500	.69500	.86000	.41813
2010	.60280	.74990	.94638	.91500	.99475	.99891	.03500	.69500	.86000	.41129
2015	.60280	.73502	.94758	.91500	.99475	.99891	.03500	.69500	.86000	.40399
2020	.60280	.72044	.94758	.91500	.99475	.99891	.03500	.69500	.86000	.39636
2025	.60280	.70614	.94758	.91500	.99475	.99891	.03500	.69500	.86000	.38889
2030	.60280	.69213	.94758	.91500	.99475	.99891	.03500	.69500	.86000	.38157
2035	.60280	.67840	.94758	.91500	.99475	.99891	.03500	.69500	.86000	.37440
2040	.60280	.66494	.94758	.91500	.99475	.99891	.03500	.69500	.86000	.36738
2045	.60280	.65175	.94758	.91500	.99475	.99891	.03500	.69500	.86000	.36050
2050	.60280	.63882	.94758	.91500	.99475	.99891	.03500	.69500	.86000	.35376
2055	.60280	.62614	.94758	.91500	.99475	.99891	.03500	.69500	.86000	.34715
2060	.60280	.61372	.94758	.91500	.99475	.99891	.03500	.69500	.86000	.34067

TABLE 20: GNP, EFFECTIVE TAXABLE PAYROLL, AND THEIR LINKAGES: 1951-1983

YEAR	GROSS NATIONAL PRODUCT	EMPLOYEE COMPENSATION	WAGES	COVERED WAGES	TAXABLE WAGES	EMPLOYEE TAXABLE WAGES	EMPLOYER TAXABLE WAGES	SELF-EMPLOYMENT INCOME	COVERED SE INCOME	EFFECTIVE TAXABLE SE INCOME	EFFECTIVE TAXABLE PAYROLL
1951	330779	181000	171300	132500	111200	108900	111250	43200	16400	7140	117215
1952	347983	195700	185300	143500	118880	115970	118880	43400	16400	7320	124745
1953	366802	209600	198500	156000	125840	122420	125840	41800	17000	7523	131653
1954	366888	208400	196800	155100	123410	120360	123410	41200	16800	7583	129468
1955	400023	224900	211700	171600	141810	138940	141810	42900	24500	11798	152173
1956	421698	243500	228300	188500	153010	149370	153010	43900	28300	13283	164473
1957	443991	256500	239300	205500	163990	159930	163990	45300	28400	13043	175003
1958	449666	258200	240500	208000	163140	159310	163140	47700	28500	13185	174410
1959	487869	279600	258900	225100	183620	179690	183620	47600	29900	14018	195673
1960	506456	294900	271900	236000	188580	184360	188580	47200	29200	16885	203355
1961	524551	303600	279500	240700	190850	186420	190850	48600	30000	16535	205170
1962	565092	325100	298000	257700	200130	194950	200130	49900	31300	14228	211768
1963	596653	342900	313400	270600	206840	201290	206840	50500	31700	13936	218001
1964	637756	368000	336100	290900	217430	210990	217430	52500	33600	14122	228332
1965	691027	396500	362000	311400	230830	223220	230830	56900	40300	14822	241847
1966	755932	439300	398400	346700	287860	281690	287530	60500	44500	18590	303200
1967	799613	471400	427000	377500	305670	298670	305340	61200	44800	18373	320378
1968	873356	519900	469600	413600	348500	342030	348160	64000	46400	20865	365960
1969	943928	572900	515700	455700	375010	366540	374660	67000	47100	20655	391255
1970	992781	612000	548700	483600	388680	379680	388310	66200	48000	20190	404185
1971	1077485	652184	581529	509000	399550	390086	399147	69384	50400	20557	415174
1972	1185663	718977	635198	563300	452050	442830	451574	76856	57600	24045	471247
1973	1326369	801274	702596	624400	523450	514800	522910	93795	67000	27711	546566
1974	1434468	877486	765214	681600	594400	587490	593763	88728	69300	29952	620578
1975	1548800	931369	806389	717200	621100	614440	620315	90020	70400	30800	648178
1976	1717805	1036334	889925	797200	689200	681700	688170	94072	76800	34293	719228
1977	1917580	1152061	983159	879500	764100	755700	762930	103854	80600	37333	796648
1978	2162860	1301081	1106480	993100	856200	846700	854970	118542	93300	41827	892662
1979	2417668	1458139	1237436	1115200	1000000	991400	998695	132095	97500	47879	1042926
1980	2631954	1599630	1356645	1220800	1104000	1096570	1102785	117446	95000	49197	1148875
1981	2954068	1769248	1493241	1351000	1223000	1215576	1222283	120166	93300	54953	1273883
1982	3072954	1865656	1568091	1408000	1279908	1273312	1278878	108975	90800	55191	1331286
1983	3310026	1990010	1664000	1494000	1370141	1363973	1367431	124500	103500	63171	1487732

TABLE 20A: GNP, EFFECTIVE TAXABLE PAYROLL, AND THEIR LINKAGES: 1984-2060 (ALTERNATIVE I 1984 TRUSTEES REPORT)  
(IN MILLIONS DOLLARS)

YEAR	GROSS NATIONAL PRODUCT	EMPLOYEE COMPENSATION	WAGES	COVERED WAGES	TAXABLE WAGES	EMPLOYEE TAXABLE WAGES	EMPLOYER TAXABLE WAGES	SELF-EMPLOYMENT INCOME	COVERED SE INCOME	EFFECTIVE TAXABLE SE INCOME	EFFECTIVE TAXABLE PAYROLL
1984	3654897	2176265	1822253	1659512	1520504	1512938	1515924	140493	114722	94048	1611549
1985	3977657	2393083	1975136	1809174	1654640	1645739	1649520	147941	119835	99023	1749812
1986	4299489	2577419	2128065	1957066	1792437	1782622	1786597	155980	125392	104766	1892615
1987	4632044	2775100	2292517	2112573	1934355	1923453	1928330	161462	128961	108572	2037779
1988	4976841	2985218	2457884	2269022	2078339	2066379	2071829	170909	135496	114659	2187146
1989	5328256	3192466	2626039	2428332	2224809	2211703	2217829	180190	141906	120648	2338864
1990	5638383	3392750	2780269	2572985	2339710	2324563	2332230	186833	135601	116574	2448478
1991	5944838	3581563	2927000	2712304	2491983	2477729	2483943	194016	140661	122918	2607316
1992	6265946	3777616	3077756	2855031	2605102	2588935	2602372	203325	146331	127061	2726325
1993	6608966	3989005	3239172	3007999	2765732	2750089	2762782	213614	153434	134657	2894750
1994	6992292	4230337	3431704	3195181	2926786	2910806	2923596	225851	162161	144323	3065181
1995	7388859	4470260	3622707	3376755	3093107	3076219	3089736	238660	171358	152509	3239144
2000	9762570	5906355	4762636	4466718	4091513	4069174	4087054	315331	226408	201503	4283274
2005	12779974	7731884	6203556	5845286	5354282	5325048	5348446	412793	296385	263783	5604187
2010	16455148	9955364	7947672	7509814	6878989	6841430	6871491	531501	381618	339640	7199758
2015	20948771	12674006	10067559	9524942	8724847	8677209	8715337	676645	485831	432390	9132320
2020	26553647	16064956	12697472	12013110	11004009	10943927	10992014	857683	615816	548076	11519704
2025	33799666	20448798	16081737	15214971	13936914	13860818	13921722	1091729	783862	697637	14592564
2030	43311212	26203283	20504460	19399321	17769778	17672755	17750409	1398952	1004448	893958	18609197
2035	55759547	33734525	26266045	24850371	22762940	22638654	22738128	1801033	1293142	1150896	23842944
2040	71835619	43460549	33669972	31855244	29179404	29020084	29147598	2320290	1665969	1482712	30570210
2045	92607471	56027520	43189323	40861527	37429158	37224795	37388360	2991221	2147697	1911450	39221684
2050	119559940	72333763	55480903	52490621	48081409	47818884	48029000	3861786	2772762	2467759	50395357
2055	154641664	93558206	71402234	67553832	61879310	61541449	61811862	4994926	3586357	3191857	64872169
2060	200160864	121097322	91958508	87002174	79693991	79258861	79607124	6465196	4642011	4131389	83568038

TABLE 20B: GNP, EFFECTIVE TAXABLE PAYROLL, AND THEIR LINKAGES: 1984-2060(ALTERNATIVE II-A 1984 TRUSTEES REPORT)  
(IN MILLIONS DOLLARS)

YEAR	GROSS NATIONAL PRODUCT	EMPLOYEE COMPENSATION	WAGES	COVERED WAGES	TAXABLE WAGES	EMPLOYEE TAXABLE WAGES	EMPLOYER TAXABLE WAGES	SELF-EMPLOYMENT INCOME	COVERED SE INCOME	EFFECTIVE TAXABLE SE INCOME	EFFECTIVE TAXABLE PAYROLL
1984	3636882	2170989	1816804	1654088	1515670	1508203	1511090	139748	114148	93615	1606301
1985	3956399	2385114	1967062	1800849	1646328	1637652	1641208	147536	119418	98549	1741139
1986	4280247	2570136	2119669	1948068	1782474	1772954	1776634	156717	125721	104658	1882692
1987	4615998	2769161	2283777	2103175	1925356	1914915	1919331	163294	130054	109081	2029520
1988	4963963	2981069	2449362	2259976	2068804	2057349	2062294	173637	137151	115460	2178665
1989	5322785	3191466	2619159	2421092	2217896	2205467	2210916	183920	144221	121989	2333631
1990	5690809	3416954	2791565	2583705	2368017	2354573	2360537	193907	140315	121132	2482195
1991	6042635	3636847	2958820	2742905	2515088	2500797	2507048	202170	145484	126133	2633621
1992	6409568	3860623	3128233	2903196	2664016	2649034	2661286	211882	151643	132111	2790888
1993	6802775	4101574	3309946	3075166	2820652	2804729	2817702	224054	159393	138905	2953789
1994	7218938	4360239	3511649	3271152	2996376	2980015	2993110	237503	168865	147757	3137987
1995	7663153	4628544	3720282	3469335	3177911	3160559	3174447	252118	179256	156849	3328020
2000	10350092	6251456	4974682	4667780	4275686	4252341	4271026	340518	242108	211845	4477196
2005	13864987	8374452	6597711	6219599	5697152	5666046	5690943	456158	324328	283787	5965950
2010	18235664	11014341	8591087	8121594	7439380	7398761	7431271	599953	426567	373246	7791930
2015	23632662	14274128	11022799	10433597	9557175	9504992	9546757	777515	552813	483711	10013254
2020	30400016	18361610	14038017	13287643	12171481	12105024	12158214	1000161	711114	622225	12757512
2025	39128841	23633820	17888819	16932607	15510268	15425582	15493362	1287339	915298	800886	16264025
2030	50569567	30544018	22888990	21665504	19845602	19737244	19823970	1663739	1182918	1035053	20819328
2035	65565632	39601642	29380986	27810484	25474403	25335312	25446636	2157109	1533705	1341992	26736633
2040	84941593	51304722	37684542	35670189	32673893	32495493	32638279	2794578	1986945	1738577	34309131
2045	109972373	66423314	48303562	45721590	41880976	41652306	41835326	3618091	2572463	2250905	43998388
2050	142441070	86034406	61941755	58630781	53705795	53412561	53647256	4686311	3331967	2915471	56449047
2055	184835744	111640789	79576889	75323263	68996108	68619389	68920902	6081096	4323659	3783202	72557014
2060	240140866	145045082	102357526	96886206	88747764	88263201	88651029	7900634	5617351	4915182	93375965

TABLE 20C: GNP, EFFECTIVE TAXABLE PAYROLL, AND THEIR LINKAGES: 1984-2060(ALTERNATIVE II-B 1984 TRUSTEES REPORT)  
(IN MILLIONS DOLLARS)

YEAR	GROSS NATIONAL PRODUCT	EMPLOYEE COMPENSATION	WAGES	COVERED WAGES	TAXABLE WAGES	EMPLOYEE TAXABLE WAGES	EMPLOYER TAXABLE WAGES	SELF-EMPLOYMENT INCOME	COVERED SE INCOME	EFFECTIVE TAXABLE SE INCOME	EFFECTIVE TAXABLE PAYROLL
1984	3631985	2171224	1813338	1650557	1512657	1505262	1508077	139327	113807	93370	1603109
1985	3963012	2389406	1966682	1800108	1645097	1636480	1639977	147927	119594	98582	1739970
1986	4307615	2588369	2130132	1957518	1788698	1779131	1782858	158392	126699	105151	1889385
1987	4667631	2801858	2305494	2123226	1939202	1928608	1933177	166217	131788	110015	2044223
1988	5033677	3024719	2479225	2287762	2090257	2078712	2083747	177722	139641	117041	2201654
1989	5407551	3243818	2655201	2454855	2245660	2233249	2238680	189071	147399	124170	2363585
1990	5792552	3477899	2833135	2622874	2401801	2388475	2394321	200392	144082	123923	2518829
1991	6184966	3719409	3016938	2798194	2563504	2549244	2555464	210958	150655	130040	2685961
1992	6584169	3962901	3202029	2973695	2724157	2709020	2721427	222308	157692	136638	2855482
1993	7013996	4225016	3402580	3163940	2899224	2883194	2896274	236311	166511	144468	3037876
1994	7479258	4510740	3621788	3376641	3089626	3072757	3086259	251303	176415	153128	3236310
1995	7972958	4808491	3849276	3592706	3287326	3269377	3283743	267891	188060	163236	3443470
2000	10990479	6628358	5226995	4908732	4491490	4466967	4486594	369280	259235	225016	4705470
2005	15100155	9106903	7074449	6674734	6107382	6074035	6100725	507365	356170	309156	6400210
2010	20430235	12321475	9428886	8921252	8162945	8118376	8154048	686456	481892	418282	8558168
2015	27208902	16409689	12370118	11718938	10722828	10664281	10711140	914219	641782	557067	11248451
2020	36008889	21716961	16126805	15277868	13979249	13902922	13964012	1209899	849349	737235	14674376
2025	47681886	28756945	21036227	19928851	18234898	18135335	18215022	1602111	1124682	976224	19155077
2030	63399617	38236309	27553505	26103051	23884291	23753883	23858257	2130227	1495419	1298024	25107768
2035	84626176	51038047	36230201	34322993	31405538	31234064	31371306	2843440	1996095	1732610	33038969
2040	112806740	68033745	47574789	45070386	41239403	41014236	41194452	3790306	2660795	2309570	43417588
2045	150272072	90629086	62430369	59143947	54116711	53821234	54057724	5049142	3544497	3076624	57019776
2050	200251504	120771682	81953821	77639658	71040287	70652406	70962853	6728451	4723372	4099887	74911190
2055	267322742	161222346	107771798	102098541	93420164	92910089	93318336	8982044	6305395	5473083	98590968
2060	357308568	215492798	141901978	134432060	123005334	122333724	122871258	12005568	8427909	7315425	129921589

TABLE 20D: GNP, EFFECTIVE TAXABLE PAYROLL, AND THEIR LINKAGES: 1984-2060(ALTERNATIVE III 1984 TRUSTEES REPORT)  
(IN MILLIONS DOLLARS)

YEAR	GROSS NATIONAL PRODUCT	EMPLOYEE COMPENSATION	WAGES	COVERED WAGES	TAXABLE WAGES	EMPLOYEE TAXABLE WAGES	EMPLOYER TAXABLE WAGES	SELF-EMPLOYMENT INCOME	COVERED SE INCOME	EFFECTIVE TAXABLE SE INCOME	EFFECTIVE TAXABLE PAYROLL
1984	3600710	2162621	1794736	1631975	1497201	1490080	1492621	137132	112134	92212	1586632
1985	3820388	2316773	1899528	1733548	1588093	1580836	1582973	141765	114958	95150	1680214
1986	4158265	2503253	2046221	1874556	1715163	1707094	1709323	156627	125255	103337	1814785
1987	4505294	2708049	2208600	2028468	1854374	1845337	1848349	166916	132123	109119	1959278
1988	4862762	2923381	2375100	2187437	2001067	1991150	1994557	178453	139938	116124	2112361
1989	5243883	3144078	2552299	2357172	2156242	2145287	2149262	190478	148017	123257	2273982
1990	5654847	3391361	2743670	2539044	2322890	2310808	2315410	203343	145511	123711	2440329
1991	6072512	3648308	2944325	2730836	2497044	2483778	2489004	215419	152888	130368	2620330
1992	6489094	3903767	3142568	2918909	2669023	2654847	2666293	227812	160425	137458	2801657
1993	6936162	4176096	3352472	3118073	2852316	2837283	2849366	243126	169907	145839	2992850
1994	7414890	4469696	3573814	3332691	3049412	3033403	3046089	259521	180367	155116	3198548
1995	7943798	4788521	3813421	3560071	3257465	3240363	3253914	278033	193233	166180	3417005
2000	11187314	6743713	5263918	4944560	4524273	4500520	4519341	391556	272131	234033	4747650
2005	15703502	9466071	7242300	6834694	6253745	6220913	6246928	549623	381988	328509	6566117
2010	21643125	13046476	9783554	9258983	8471970	8427492	8462735	757509	526469	452763	8901564
2015	29246789	17629964	12958406	12279119	11235394	11176408	11223147	1023638	711428	611828	11815292
2020	39058040	23544186	16962135	16072971	14706768	14629558	14690738	1367031	950087	817075	15480909
2025	51904024	31287745	22093667	20935505	19155987	19055418	19135107	1816641	1262565	1085806	20184755
2030	68940491	41557328	28763243	27255458	24938744	24807816	24911561	2412917	1676977	1442201	26305575
2035	91633498	55236672	37472653	35508316	32490109	32319535	32454694	3207172	2228985	1916927	34307728
2040	121638671	73323790	48756053	46200234	42273214	42051279	42227136	4257354	2958861	2544620	44687514
2045	160275486	96614062	62968111	59667289	54595569	54308942	54536059	5609642	3898701	3352883	57779070
2050	211194232	127307882	81326543	77063361	70512975	70142781	70436116	7391798	5137300	4418078	74711211
2055	278616288	167949896	105160695	99648114	91178024	90699339	91078640	9751570	6777341	5828513	96721188
2060	368307136	222015540	136255418	129112835	118138243	117518017	118009472	12890750	8959071	7704801	125472231

TABLE 21: ANALYSIS OF GNP AND COMPENSATION BY TYPE OF EMPLOYMENT, 1951-1983

YEAR	GROSS NATIONAL PRODUCT (000,000)			COMPENSATION (000,000)			RATIO OF COMPENSATION TO GNP BY TYPE OF EMPLOYMENT			RATIO OF COMPENSATION BY TYPE TO TOTAL GNP	
	TOTAL	EE	SE	TOTAL	EE	SE	TOTAL	EE	SE	EE	SE
	(1)	(2)	(3)	(4)	(5)	(6)	(4)/(1)	(5)/(2)	(6)/(3)	(5)/(1)	(6)/(1)
1951	330779	278679	52100	224200	181000	43200	.6778	.6495	.8292	.5472	.1306
1952	347983	295483	52500	239100	195700	43400	.6871	.6623	.8267	.5624	.1247
1953	366802	315702	51100	251400	209600	41800	.6854	.6639	.8180	.5714	.1140
1954	366888	316088	50800	249600	208400	41200	.6803	.6593	.8110	.5680	.1123
1955	400023	346923	53100	267800	224900	42900	.6695	.6483	.8079	.5622	.1072
1956	421698	367098	54600	287400	243500	43900	.6815	.6633	.8040	.5774	.1041
1957	443991	387691	56300	301800	256500	45300	.6797	.6616	.8046	.5777	.1020
1958	449666	390466	59200	305900	258200	47700	.6803	.6613	.8057	.5742	.1061
1959	487869	428569	59300	327200	279600	47600	.6707	.6524	.8027	.5731	.0976
1960	506456	447956	58500	342100	294900	47200	.6755	.6583	.8068	.5823	.0932
1961	524551	464251	60300	352200	303600	48600	.6714	.6540	.8060	.5788	.0927
1962	565092	503492	61600	375000	325100	49900	.6636	.6457	.8101	.5753	.0883
1963	596653	534353	62300	393400	342900	50500	.6593	.6417	.8106	.5747	.0846
1964	637756	572956	64800	420500	368000	52500	.6593	.6423	.8102	.5770	.0823
1965	691027	620927	70100	453400	396500	56900	.6561	.6386	.8117	.5738	.0823
1966	755932	682032	73900	499800	439300	60500	.6612	.6441	.8187	.5811	.0800
1967	799613	723713	75900	532600	471400	61200	.6661	.6514	.8063	.5895	.0765
1968	873356	792756	80600	583900	519900	64000	.6686	.6558	.7940	.5953	.0733
1969	943928	858928	85000	639900	572900	67000	.6779	.6670	.7882	.6069	.0710
1970	992781	906981	85800	678200	612000	66200	.6831	.6748	.7716	.6165	.0667
1971	1077485	985885	91600	721568	652184	69384	.6697	.6615	.7575	.6053	.0644
1972	1185663	1084963	100700	795833	718977	76856	.6712	.6627	.7632	.6064	.0648
1973	1326369	1203869	122500	895069	801274	93795	.6748	.6656	.7657	.6041	.0707
1974	1434468	1312268	122200	966214	877486	88728	.6736	.6687	.7261	.6117	.0619
1975	1548800	1421300	127500	1021389	931369	90020	.6595	.6553	.7060	.6013	.0581
1976	1717805	1583605	134200	1130406	1036334	94072	.6581	.6544	.7010	.6033	.0548
1977	1917580	1767780	149800	1255915	1152061	103854	.6549	.6517	.6933	.6008	.0542
1978	2162860	1992060	170800	1419623	1301081	118542	.6564	.6531	.6940	.6016	.0548
1979	2417668	2222468	195200	1590234	1458139	132095	.6578	.6561	.6767	.6031	.0546
1980	2631954	2444854	187100	1717076	1599630	117446	.6524	.6543	.6277	.6078	.0446
1981	2954068	2753868	200200	1889414	1769248	120166	.6396	.6425	.6002	.5989	.0407
1982	3072954	2883454	189500	1974631	1865656	108975	.6426	.6470	.5751	.6071	.0355
1983	3310026	3098826	211200	2114510	1990010	124500	.6388	.6422	.5895	.6012	.0376

TABLE 21A: ALTERNATIVE I ANALYSIS OF GNP AND COMPENSATION BY TYPE OF EMPLOYMENT, 1984-2060

YEAR	GROSS NATIONAL PRODUCT (000,000)			COMPENSATION (000,000)			RATIO OF COMPENSATION TO GNP BY TYPE OF EMPLOYMENT			RATIO OF COMPENSATION BY TYPE TO TOTAL GNP	
	TOTAL	EE	SE	TOTAL	EE	SE	TOTAL	EE	SE	EE	SE
	(1)	(2)	(3)	(4)	(5)	(6)	(4)/(1)	(5)/(2)	(6)/(3)	(5)/(1)	(6)/(1)
1984	3654897	3416530	238367	2316758	2176265	140493	.6339	.6370	.5894	.5954	.0384
1985	3977657	3730626	247031	2541024	2393083	147941	.6388	.6415	.5989	.6016	.0372
1986	4299489	4039921	259568	2733399	2577419	155980	.6357	.6380	.6009	.5995	.0363
1987	4632044	4364781	267263	2936562	2775100	161462	.6340	.6358	.6041	.5991	.0349
1988	4976841	4696327	280514	3156127	2985218	170909	.6342	.6356	.6093	.5998	.0343
1989	5328256	5034348	293908	3372656	3192466	180190	.6330	.6341	.6131	.5992	.0338
1990	5638383	5336980	301403	3579583	3392750	186833	.6349	.6357	.6199	.6017	.0331
1991	5944838	5634463	310375	3775579	3581563	194016	.6351	.6357	.6251	.6025	.0326
1992	6265946	5943375	322571	3980941	3777616	203325	.6353	.6356	.6303	.6029	.0324
1993	6608966	6273040	335926	4202619	3989005	213614	.6359	.6359	.6359	.6036	.0323
1994	6992292	6637905	354387	4456188	4230337	225851	.6373	.6373	.6373	.6050	.0323
1995	7388859	7014373	374486	4708920	4470260	238660	.6373	.6373	.6373	.6050	.0323
2000	9762570	9267778	494792	6221686	5906355	315331	.6373	.6373	.6373	.6050	.0323
2005	12779974	12132252	647722	8144677	7731884	412793	.6373	.6373	.6373	.6050	.0323
2010	16455148	15621159	833989	10486866	9955364	531501	.6373	.6373	.6373	.6050	.0323
2015	20948771	19887033	1061738	13350651	12674006	676645	.6373	.6373	.6373	.6050	.0323
2020	26553647	25207840	1345807	16922639	16064956	857683	.6373	.6373	.6373	.6050	.0323
2025	33799666	32086612	1713054	21540527	20448798	1091729	.6373	.6373	.6373	.6050	.0323
2030	43311212	41116089	2195123	27602235	26203283	1398952	.6373	.6373	.6373	.6050	.0323
2035	55759547	52933510	2826037	35535558	33734525	1801033	.6373	.6373	.6373	.6050	.0323
2040	71835619	68194806	3640814	45780839	43460549	2320290	.6373	.6373	.6373	.6050	.0323
2045	92607471	87913887	4693584	59018741	56027520	2991221	.6373	.6373	.6373	.6050	.0323
2050	119559940	113500336	6059605	76195549	72333763	3861786	.6373	.6373	.6373	.6050	.0323
2055	154641664	146804028	7837637	98553131	93558206	4994926	.6373	.6373	.6373	.6050	.0323
2060	200160864	190016198	10144667	127562517	121097322	6465196	.6373	.6373	.6373	.6050	.0323



TABLE 21B: ALTERNATIVE II-A ANALYSIS OF GNP AND COMPENSATION BY TYPE OF EMPLOYMENT, 1984-2060

YEAR	GROSS NATIONAL PRODUCT (000,000)			COMPENSATION (000,000)			RATIO OF COMPENSATION TO GNP BY TYPE OF EMPLOYMENT			RATIO OF COMPENSATION BY TYPE TO TOTAL GNP	
	TOTAL	EE	SE	TOTAL	EE	SE	TOTAL	EE	SE	EE	SE
	(1)	(2)	(3)	(4)	(5)	(6)	(4)/(1)	(5)/(2)	(6)/(3)	(5)/(1)	(6)/(1)
1984	3636882	3400330	236552	2310737	2170989	139748	.6354	.6385	.5908	.5969	.0384
1985	3956399	3710551	245848	2532650	2385114	147536	.6401	.6428	.6001	.6028	.0373
1986	4280247	4020003	260244	2726853	2570136	156717	.6371	.6393	.6022	.6005	.0366
1987	4615998	4346271	269727	2932455	2769161	163294	.6353	.6371	.6054	.5999	.0354
1988	4963963	4679591	284372	3154706	2981069	173637	.6355	.6370	.6106	.6005	.0350
1989	5322785	5023355	299430	3375386	3191466	183920	.6341	.6353	.6142	.5996	.0346
1990	5690809	5377832	312977	3610861	3416954	193907	.6345	.6354	.6196	.6004	.0341
1991	6042635	5719334	323301	3839017	3636847	202170	.6353	.6359	.6253	.6019	.0335
1992	6409568	6073450	336118	4072505	3860623	211882	.6354	.6357	.6304	.6023	.0331
1993	6802775	6450413	352362	4325628	4101574	224054	.6359	.6359	.6359	.6029	.0329
1994	7218938	6846033	372905	4597742	4360239	237503	.6369	.6369	.6369	.6040	.0329
1995	7663153	7267302	395851	4880662	4628544	252118	.6369	.6369	.6369	.6040	.0329
2000	10350092	9815443	534649	6591974	6251456	340518	.6369	.6369	.6369	.6040	.0329
2005	13864987	13148771	716216	8830610	8374452	456158	.6369	.6369	.6369	.6040	.0329
2010	18235664	17293674	941990	11614294	11014341	599953	.6369	.6369	.6369	.6040	.0329
2015	23632662	22411882	1220780	15051642	14274128	777515	.6369	.6369	.6369	.6040	.0329
2020	30400016	28829659	1570357	19361770	18361610	1000161	.6369	.6369	.6369	.6040	.0329
2025	39128841	37107584	2021257	24921158	23633820	1287339	.6369	.6369	.6369	.6040	.0329
2030	50569567	47957322	2612245	32207757	30544018	1663739	.6369	.6369	.6369	.6040	.0329
2035	65565632	62178744	3386888	41758751	39601642	2157109	.6369	.6369	.6369	.6040	.0329
2040	84941593	80553811	4387782	54099300	51304722	2794578	.6369	.6369	.6369	.6040	.0329
2045	109972373	104291590	5680784	70041404	66423314	3618091	.6369	.6369	.6369	.6040	.0329
2050	142441070	135083070	7358002	90720717	86034406	4686311	.6369	.6369	.6369	.6040	.0329
2055	184835744	175287784	9547960	117721884	111640789	6081096	.6369	.6369	.6369	.6040	.0329
2060	240140866	227736040	12404827	152945716	145045082	7900634	.6369	.6369	.6369	.6040	.0329

TABLE 21C: ALTERNATIVE II-B ANALYSIS OF GNP AND COMPENSATION BY TYPE OF EMPLOYMENT, 1984-2060

YEAR	GROSS NATIONAL PRODUCT (000,000)			COMPENSATION (000,000)			RATIO OF COMPENSATION TO GNP BY TYPE OF EMPLOYMENT			RATIO OF COMPENSATION BY TYPE TO TOTAL GNP	
	TOTAL	EE	SE	TOTAL	EE	SE	TOTAL	EE	SE	EE	SE
	(1)	(2)	(3)	(4)	(5)	(6)	(4)/(1)	(5)/(2)	(6)/(3)	(5)/(1)	(6)/(1)
1984	3631985	3396441	235544	2310551	2171224	139327	.6362	.6393	.5915	.5978	.0384
1985	3963012	3716557	246455	2537333	2389406	147927	.6403	.6429	.6002	.6029	.0373
1986	4307615	4044829	262786	2746761	2588369	158392	.6377	.6399	.6027	.6009	.0368
1987	4667631	4393341	274290	2968075	2801858	166217	.6359	.6378	.6060	.6003	.0356
1988	5033677	4742933	290744	3202441	3024719	177722	.6362	.6377	.6113	.6009	.0353
1989	5407551	5100077	307474	3432889	3243818	189071	.6348	.6360	.6149	.5999	.0350
1990	5792552	5469367	323185	3678291	3477899	200392	.6350	.6359	.6201	.6004	.0346
1991	6184966	5847697	337269	3930367	3719409	210958	.6355	.6360	.6255	.6014	.0341
1992	6584169	6231664	352505	4185209	3962901	222308	.6356	.6359	.6307	.6019	.0338
1993	7013996	6642473	371523	4461327	4225016	236311	.6361	.6361	.6361	.6024	.0337
1994	7479258	7084562	394696	4762044	4510740	251303	.6367	.6367	.6367	.6031	.0336
1995	7972958	7552208	420750	5076382	4808491	267891	.6367	.6367	.6367	.6031	.0336
2000	10990479	10410488	579991	6997638	6628358	369280	.6367	.6367	.6367	.6031	.0336
2005	15100155	14303288	796867	9614269	9106903	507365	.6367	.6367	.6367	.6031	.0336
2010	20430235	19352088	1078147	13007930	12321475	686456	.6367	.6367	.6367	.6031	.0336
2015	27208902	25773031	1435871	17323908	16409689	914219	.6367	.6367	.6367	.6031	.0336
2020	36008889	34108624	1900265	22926859	21716961	1209899	.6367	.6367	.6367	.6031	.0336
2025	47681886	45165612	2516274	30359056	28756945	1602111	.6367	.6367	.6367	.6031	.0336
2030	63399617	60053886	3345731	40366536	38236309	2130227	.6367	.6367	.6367	.6031	.0336
2035	84626176	80160275	4465902	53881486	51038047	2843440	.6367	.6367	.6367	.6031	.0336
2040	112806740	106853691	5953049	71824051	68033745	3790306	.6367	.6367	.6367	.6031	.0336
2045	150272072	142341900	7930174	95678227	90629086	5049142	.6367	.6367	.6367	.6031	.0336
2050	200251504	189683812	10567694	127500132	120771682	6728451	.6367	.6367	.6367	.6031	.0336
2055	267322742	253215558	14107184	170204390	161222346	8982044	.6367	.6367	.6367	.6031	.0336
2060	357308568	338452644	18855926	227498364	215492798	12005568	.6367	.6367	.6367	.6031	.0336

TABLE 21D: ALTERNATIVE III ANALYSIS OF GNP AND COMPENSATION BY TYPE OF EMPLOYMENT, 1984-2060

YEAR	GROSS NATIONAL PRODUCT (000,000)			COMPENSATION (000,000)			RATIO OF COMPENSATION TO GNP BY TYPE OF EMPLOYMENT			RATIO OF COMPENSATION BY TYPE TO TOTAL GNP	
	TOTAL	EE	SE	TOTAL	EE	SE	TOTAL	EE	SE	EE	SE
	(1)	(2)	(3)	(4)	(5)	(6)	(4)/(1)	(5)/(2)	(6)/(3)	(5)/(1)	(6)/(1)
1984	3600710	3369781	230929	2299753	2162621	137132	.6387	.6418	.5938	.6006	.0381
1985	3820388	3585392	234996	2458538	2316773	141765	.6435	.6462	.6033	.6064	.0371
1986	4158265	3899243	259022	2659880	2503253	156627	.6397	.6420	.6047	.6020	.0377
1987	4505294	4230850	274444	2874965	2708049	166916	.6381	.6401	.6082	.6011	.0370
1988	4862762	4571613	291149	3101834	2923381	178453	.6379	.6395	.6129	.6012	.0367
1989	5243883	4934660	309223	3334556	3144078	190478	.6359	.6371	.6160	.5996	.0363
1990	5654847	5327272	327575	3594704	3391361	203343	.6357	.6366	.6208	.5997	.0360
1991	6072512	5728553	343959	3863727	3648308	215419	.6363	.6369	.6263	.6008	.0355
1992	6489094	6128462	360632	4131579	3903767	227812	.6367	.6370	.6317	.6016	.0351
1993	6936162	6554565	381597	4419222	4176096	243126	.6371	.6371	.6371	.6021	.0351
1994	7414890	7007989	406901	4729217	4469696	259521	.6378	.6378	.6378	.6028	.0350
1995	7943798	7507873	435925	5066554	4788521	278033	.6378	.6378	.6378	.6028	.0350
2000	11187314	10573397	613917	7135269	6743713	391556	.6378	.6378	.6378	.6028	.0350
2005	15703502	14841754	861748	10015693	9466071	549623	.6378	.6378	.6378	.6028	.0350
2010	21643125	20455434	1187691	13803985	13046476	757509	.6378	.6378	.6378	.6028	.0350
2015	29246789	27641838	1604951	18653602	17629964	1023638	.6378	.6378	.6378	.6028	.0350
2020	39058040	36914686	2143354	24911217	23544186	1367031	.6378	.6378	.6378	.6028	.0350
2025	51904024	49055732	2848292	33104386	31287745	1816641	.6378	.6378	.6378	.6028	.0350
2030	68940491	65157304	3783188	43970245	41557328	2412917	.6378	.6378	.6378	.6028	.0350
2035	91633498	86605006	5028492	58443844	55236672	3207172	.6378	.6378	.6378	.6028	.0350
2040	121638671	114963611	6675060	77581143	73323790	4257354	.6378	.6378	.6378	.6028	.0350
2045	160275486	151480188	8795300	102223704	96614062	5609642	.6378	.6378	.6378	.6028	.0350
2050	211194232	199604710	11589524	134699680	127307882	7391798	.6378	.6378	.6378	.6028	.0350
2055	278616288	263326904	15289386	177701466	167949896	9751570	.6378	.6378	.6378	.6028	.0350
2060	368307136	348095864	20211273	234906288	222015540	12890750	.6378	.6378	.6378	.6028	.0350